

NORTH DAKOTA

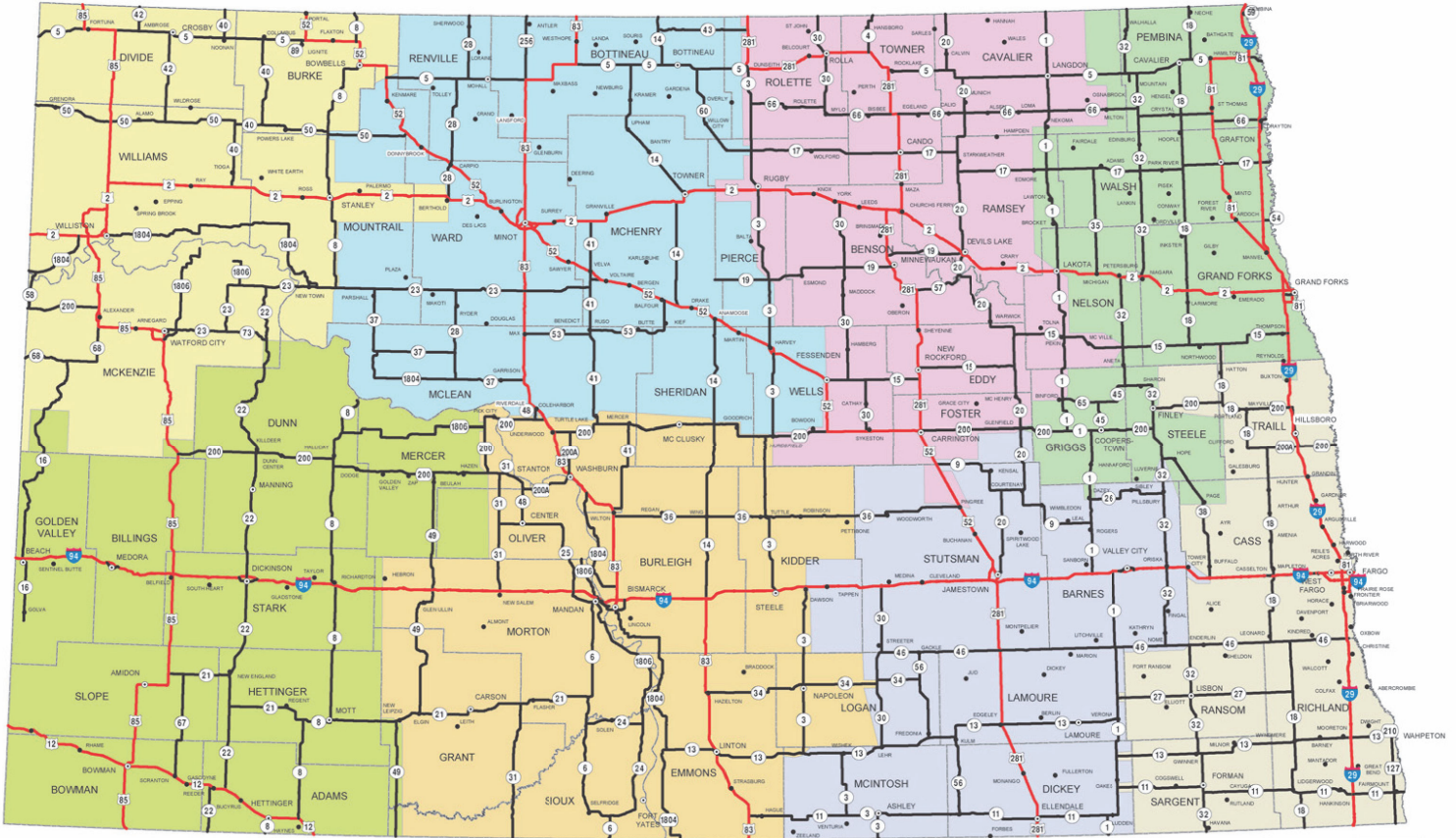
2024 TRAFFIC REPORT



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

September 2024

North Dakota Department of Transportation Districts



**Prepared by
NORTH DAKOTA DEPARTMENT OF TRANSPORTATION
BISMARCK, NORTH DAKOTA**

www.dot.nd.gov

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September 2024

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OVERVIEW

This report contains summaries of data obtained from studies conducted in 2024 by the North Dakota Department of Transportation (NDDOT) Planning and Asset Management Division. This Division is responsible for the collection and analysis of traffic data in North Dakota. Traffic data collection has been conducted in North Dakota since 1936. The NDDOT compiled and presented this information as an annual report starting in 1963. Due to the continuing demand for this information, the annual report has continued to ensure that this information is readily available.

Included maps, graphs, and tabulations illustrate annual average daily traffic (AADT). They also illustrate percentage of travel by hour, month, and season and illustrate estimates of annual vehicle miles traveled (VMT) by highway system. The data was obtained from the following sources:

1. Automatic traffic recorders (ATRs) continuously record hourly volumes of traffic throughout the year. A list of 82 ATR stations with their locations are presented on pages 9, 10 and 11. The counter locations are shown on the map on page 12.
2. Short term counts were obtained using portable equipment. We count 1/3 of the state every year with short term counts on various highways roads and streets along with the interstates statewide. There are approximately 2600 short-term counts for region per year. See map 6 to see what was counted this year and what will be counted next year.
3. Weigh-In-Motion (WIM) sensors continuously record the class and weight of trucks. A list of 17 WIM stations can be found on page 9 while their locations can be found on page 13.
4. NDDOT classifies and counts 2 types of trucks, Single Units (SU), and Combination Units (CU)
 - A) Single unit trucks are those trucks that do not articulate at or have a 5th wheel anchor plate with which to pivot a trailer, for example a Federal Express (FedEx), or United Parcel Service (UPS) type of truck (Classes 5-7).
 - B) Combination unit trucks are those trucks that can articulate one or more trailers behind the tractor, for example a standard class 9, 5 axle semi, or a triple trailer combination (Classes 8-13).

Only basic information of general interest is included with this report. More detailed information is available and can be obtained on our website or by contacting the Traffic Data Section of the Planning and Asset Management Division of the NDDOT, 608 East Boulevard Avenue, Bismarck, ND 58505-0700, (701) 328-3458.

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

https://gis.dot.nd.gov/external/ge_html/?viewer=ext_transinfo

FHWA's 13 Vehicle Category Classification

Class 1 Motorcycles		Class 7 Four or more axle, single unit	
Class 2 Passenger cars		Class 8 Four or less axle, single trailer	
			
			
			
Class 3 Four tire, single unit		Class 9 5-Axle tractor semitrailer	
			
			
Class 4 Buses		Class 10 Six or more axle, single trailer	
		Class 11 Five or less axle, multi trailer	
			
Class 5 Two axle, six tire, single unit			
		Class 12 Six axle, multi-trailer	
		Class 13 Seven or more axle, multi-trailer	
Class 6 Three axle, single unit			
			
			

Source: Federal Highway Administration (TMG 2013).

HISTORY OF TRAFFIC AND RELATED DATA

YEAR				PERSONS		GALLONS OF VEHICLE		ANNUAL	
	POPULATION (1000'S)	VEHICLE REGISTRATION (REG.)	PERSONS PER VEHICLE (100 REG.)	FUEL TAXED (MILLIONS)	PER 100 PERSONS	ANNUAL MILES PER VEHICLE	ANNUAL MILES TRAVELED PER CAPITA	ANNUAL VEHICLE MILES (MILLIONS)	
1951	608	284	2.14	146	46.70	-	-	-	
1952	613	285	2.15	152	46.50	-	-	-	
1953	619	293	2.11	159	47.30	7,850	3,716	2,300	
1954	623	300	2.08	164	48.20	7,840	3,775	2,352	
1955	628	309	2.03	171	49.20	7,625	3,752	2,356	
1956	629	311	2.02	174	49.40	7,958	3,935	2,475	
1957	629	320	1.97	193	50.90	8,259	4,202	2,643	
1958	620	329	1.88	204	53.10	8,544	4,534	2,811	
1959	627	339	1.85	197	54.10	8,788	4,751	2,979	
1960	632	345	1.83	210	54.60	8,925	4,872	3,079	
1961	640	349	1.83	198	54.50	9,037	4,928	3,154	
1962	642	358	1.79	212	55.80	9,014	5,026	3,227	
1963	634	375	1.69	236	59.10	8,813	5,213	3,305	
1964	645	385	1.68	248	59.70	8,834	5,273	3,401	
1965	652	396	1.65	257	60.70	8,684	5,275	3,439	
1966	650	406	1.60	253	62.50	8,562	5,348	3,476	
1967	631	405	1.56	259	64.20	8,504	5,458	3,444	
1968	627	414	1.51	274	66.00	8,572	5,660	3,549	
1969	615	420	1.46	279	68.30	8,700	5,941	3,654	
1970	618	428	1.44	302	69.30	8,895	6,160	3,807	
1971	625	444	1.41	321	71.00	8,908	6,328	3,955	
1972	632	464	1.36	347	73.40	8,871	6,513	4,116	
1973	640	490	1.31	370	76.60	8,776	6,719	4,300	
1974	637	527	1.21	353	82.70	8,294	6,862	4,371	
1975	638	551	1.16	377	86.40	8,171	7,056	4,502	
1976	640	563	1.14	414	88.00	8,495	7,473	4,783	
1977	643	580	1.11	422	90.20	8,555	7,717	4,962	
1978	652	599	1.09	444	91.90	8,826	8,109	5,287	
1979	657	617	1.06	440	93.90	8,483	7,967	5,234	
1980	653	627	1.04	414	96.00	8,440	8,104	5,292	
1981	653	641	1.02	427	98.20	8,496	8,340	5,446	
1982	653	654	1.00	429	100.20	8,228	8,240	5,381	
1983	680	666	1.02	427	97.90	8,179	8,010	5,447	
1984	686	661	1.04	419	96.40	8,327	8,023	5,504	
1985	686	655	1.05	427	95.50	8,518	8,133	5,579	
1986	685	648	1.06	419	94.60	8,694	8,225	5,634	

HISTORY OF TRAFFIC AND RELATED DATA

YEAR	PERSONS			GALLONS OF VEHICLE		ANNUAL	ANNUAL	ANNUAL MILES TRAVELED PER CAPITA
	VEHICLE REGISTRATION (1000'S)	PER POPULATION (REG.)	(100 REG.)	GAS AND FUEL TAXED PER 100 (MILLIONS)	REG. PERSONS	MILES	VEHICLE	
						PER	MILES	
						PER	MILES	
1987	679	651	1.04	420	95.90	8,800	8,437	5,729
1988	672	655	1.03	420	97.50	8,855	8,631	5,800
1989	660	637	1.04	413	96.50	9,257	8,935	5,897
1990	639	630	1.01	413	98.60	9,456	9,322	5,957
1991	639	629	1.02	405	98.40	9,537	9,388	5,999
1992	639	655	0.98	426	102.50	9,321	9,554	6,105
1993	635	662	0.96	439	104.30	9,371	9,770	6,204
1994	638	671	0.95	456	105.20	9,520	10,013	6,388
1995	641	680	0.94	459	105.90	9,639	10,211	6,546
1996	643	679	0.94	472	105.60	9,966	10,524	6,767
1997	638	680	0.93	504	106.60	10,209	10,883	6,942
1998	638	672	0.95	501	105.30	10,555	11,118	7,093
1999	634	704	0.90	503	111.00	10,086	11,200	7,101
2000	642	715	0.89	490	111.40	9,875	10,998	7,061
2001	634	735	0.86	497	115.90	9,638	11,174	7,084
2002	634	723	0.88	505	138.80	8,063	11,191	7,095
2003	634	711	0.89	513	112.20	10,253	11,500	7,290
2004	634	729	0.87	521	114.98	10,204	11,733	7,439
2005	637	719	0.89	511	112.87	10,352	11,684	7,443
2006	636	743	0.86	514	116.82	10,315	12,050	7,664
2007	640	753	0.85	524	117.66	10,177	11,973	7,663
2008	641	764	0.84	539	119.19	9,958	11,869	7,608
2009	647	774	0.84	556	119.63	10,262	12,277	7,943
2010	673	791	0.85	614	117.53	10,497	12,337	8,303
2011	684	808	0.85	709	118.13	11,344	13,401	9,166
2012	700	846	0.83	812	120.86	11,930	14,419	10,093
2013	723	870	0.83	824	120.33	11,609	13,970	10,100
2014	739	899	0.82	879	121.65	11,610	14,123	10,437
2015	756	918	0.82	834	121.43	10,979	13,332	10,079
2016	758	908	0.83	740	119.79	10,727	12,850	9,740
2017	755	921	0.82	* 750	121.99	10,535	12,852	9,703
2018	760	944	0.81	766	124.21	10,451	12,982	9,866
2019	762	949	0.80	762	124.54	10,388	12,938	9,859
2020	779	932	0.84	689	119.64	9,345	11,220	8,741
2021	775	951	0.81	692	122.71	9,730	11,939	9,293
2022	779	1,081	0.72	704	138.77	8,895	11,418	9,353
2023	784	1,091	0.72	717	139.16	9,093	12,654	9,921
2024	797	1,106	0.72	732	138.77	9,069	12,585.00	10,030

FUEL TAXED INCLUDES GALLONS OF GAS FOR OTHER THAN MOTOR VEHICLES

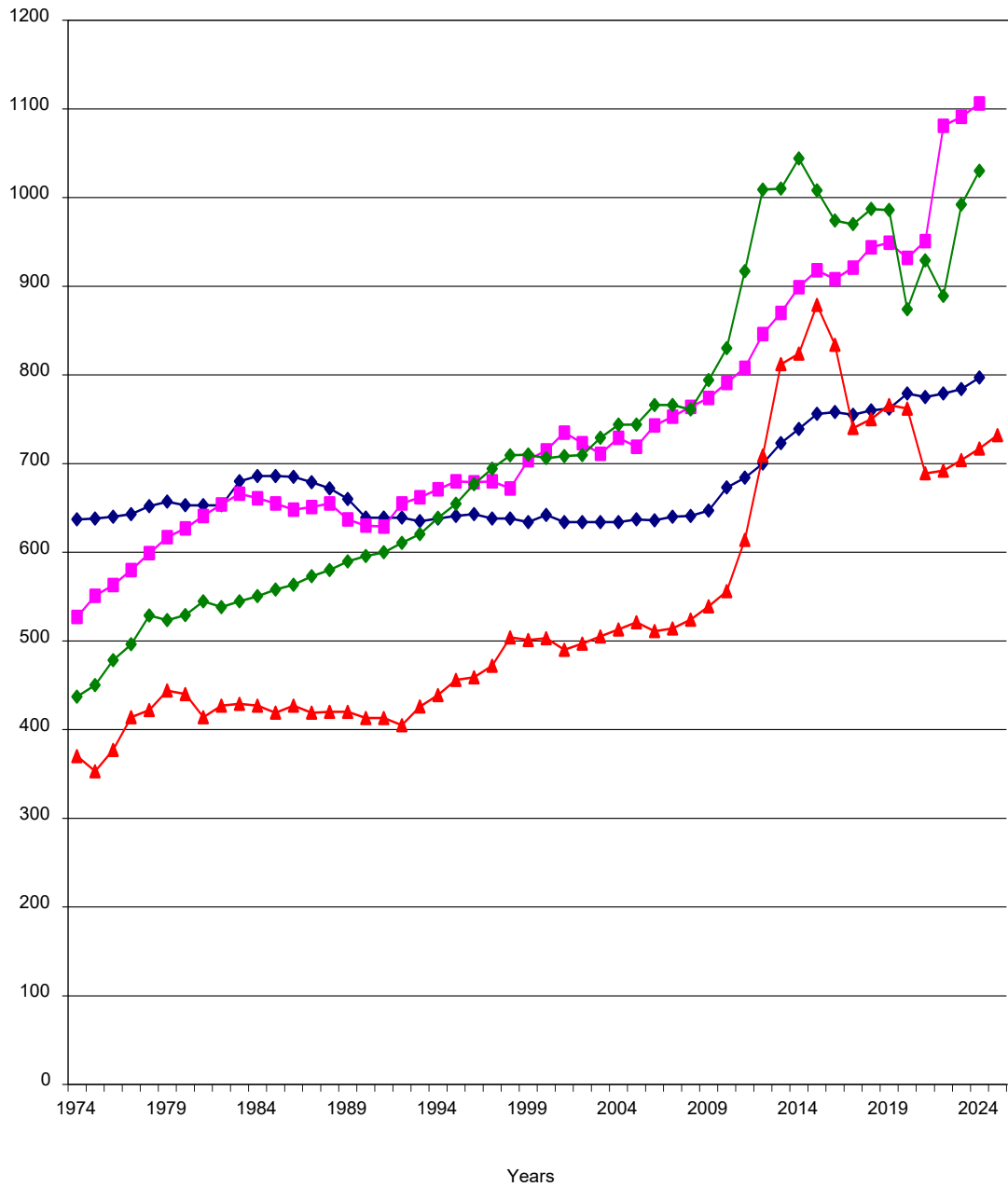
Annual Vehicle Miles figures are for all roads in the state including trails and unimproved roads

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

*2016 Gallons of Gas and Fuel Taxed (Millions) were revised by the ND Tax Department

Traffic and Related Trends

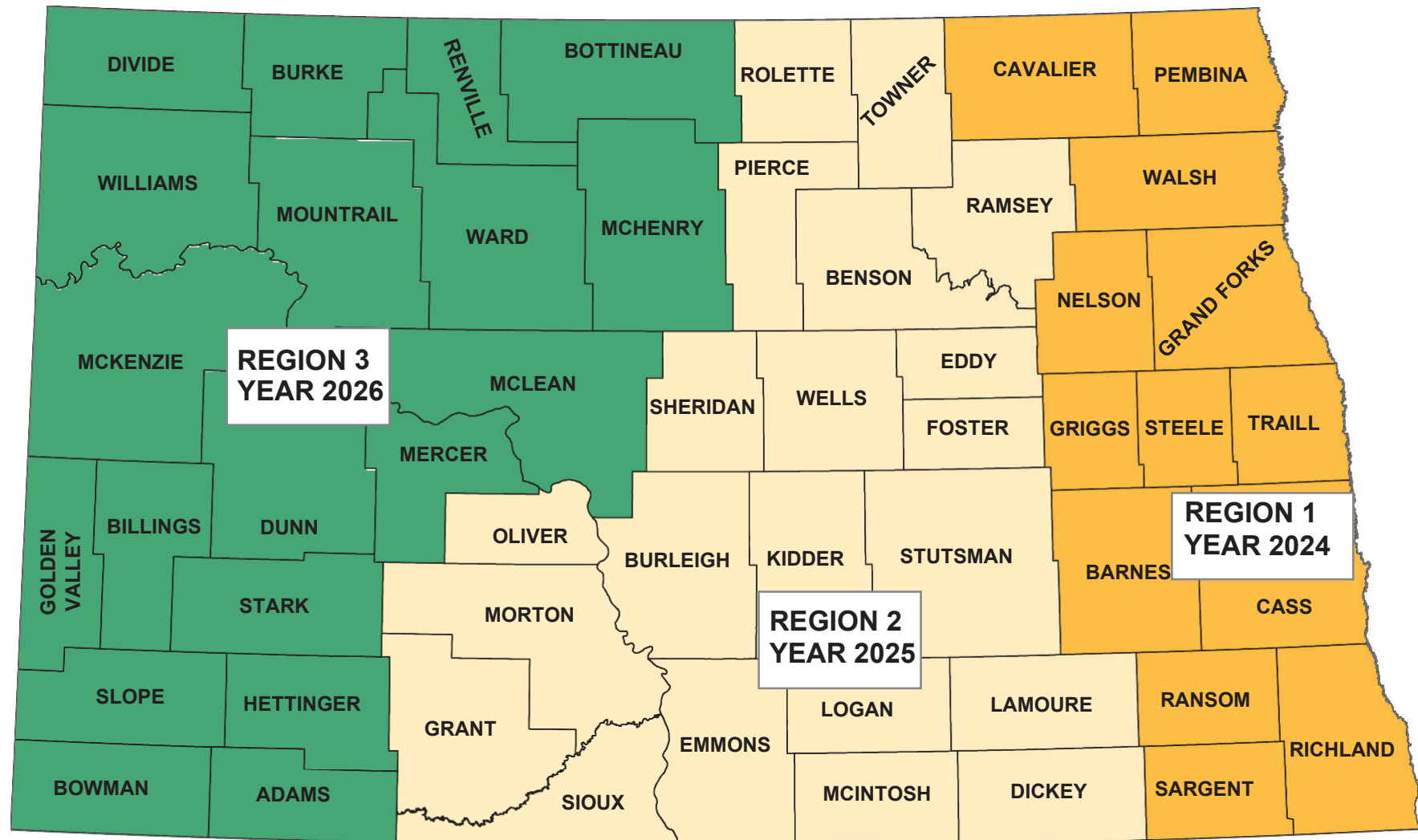
For the Years 1974 - 2024



North Dakota Department of Transportation Current Traffic Counting Cycle

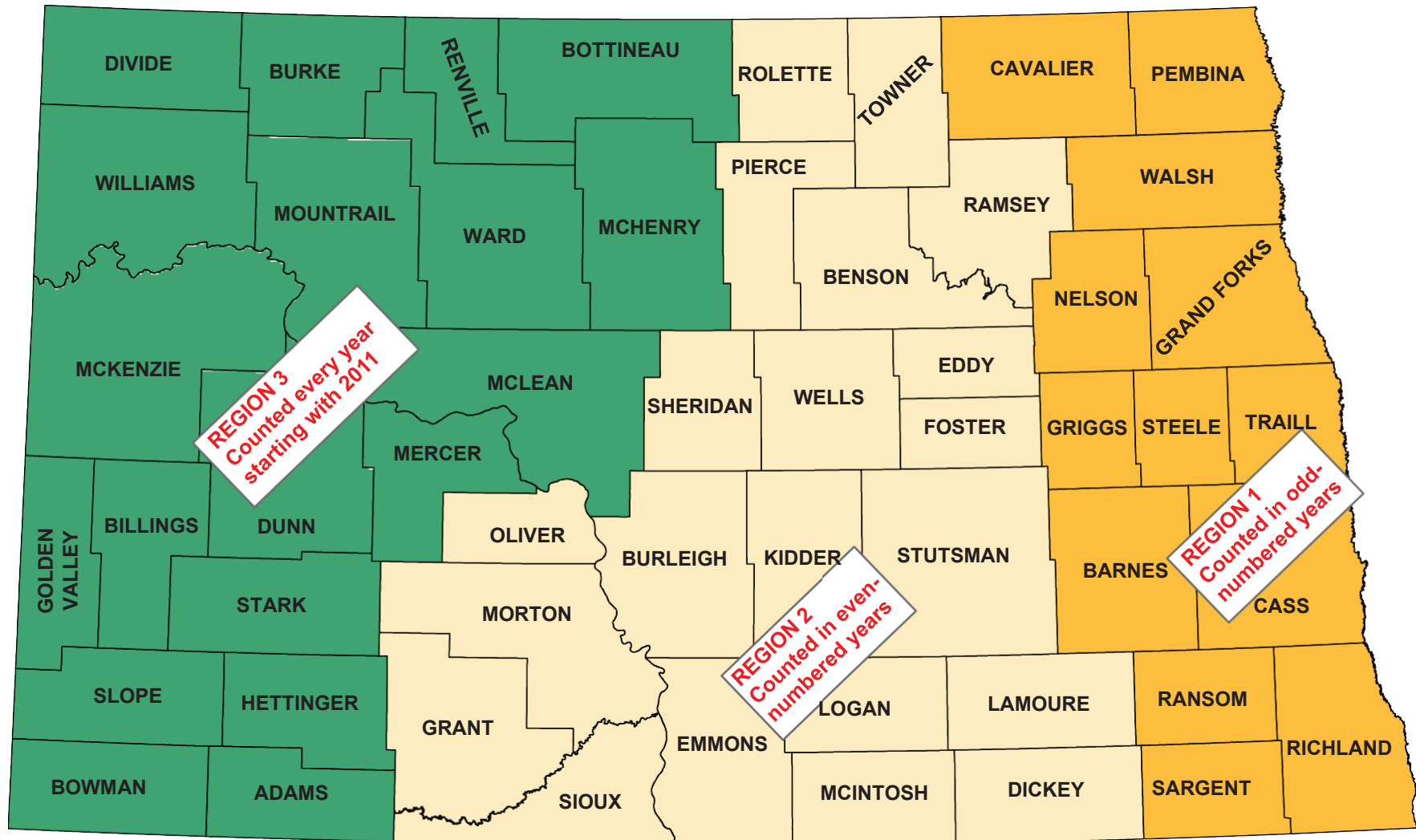


Region 3 and one other region per year were counted from 2012 to 2016.
One region is counted per year starting in 2017. Region 3 is no longer counted every year.



North Dakota Department of Transportation Prior Traffic Counting Cycle 2012-2016

Region 3 is counted every year whereas the other two regions are only counted every two years.
We started counting two regions per year in 2012 and stopped in 2016.



Planning & Asset Management Division
Traffic Data Section
City Traffic Counts

CITY	YEAR COUNTED	YEAR TO COUNT
West Fargo	2024	2027
Fargo	2024	2027
Wahpeton	2024	2027
Valley City	2024	2027
Grand Forks	2024	2027
Watford City	2023	2026
Minot	2023	2026
Dickinson	2023	2026
Williston	2023	2026
Bismarck	2022	2025
Mandan	2022	2025
Devils Lake	2022	2025
Jamestown	2022	2025

**NORTH DAKOTA DEPARTMENT OF TRANSPORTATION
ATR LOCATIONS**

STATION	NAME	HIGHWAY	REF POINT	OFF SET	TYPE	LOCATION
URBAN INTERSTATE 94						
7	WEST FARGO	94	347.000	0.5200	Weight	I-94 WEST OF 45 STREET
217	FARGO (U)	94	352.000	0.3327	Class	RED RIVER BRIDGE
283	BISMARCK (U)	94	158.000	0.8538	Class	0.4 MILES WEST OF US 83 INT.
RURAL INTERSTATE 94						
1	BELFIELD	94	34.000	0.7000	Weight	I-94 EB ONLY - 7 MILES WEST OF BELFIELD
14	APPLE CREEK EAST	94	165.000	0.0000	Weight	3.5 MILES EAST OF BISMARCK
15	APPLE CREEK WEST	94	169.000	0.8000	Weight	8.3 MILES EAST OF BISMARCK
207	MEDINA	94	231.000	0.2923	Class	0.9 MILES EAST OF MEDINA
223	NEW SALEM	94	126.000	0.8803	Class	0.8 MILES WEST OF ND 31 INT.
245	TOWER CITY	94	312.000	0.5100	Class	2.3 MILES WEST OF BUFFALO INT.
279	PAINTED CANYON	94	34.000	0.6637	Class	7.8 MILES WEST OF US 85 INT.
URBAN INTERSTATE 29						
235	FARGO (U)	29	66.255	0.5725	Class	NORTH OF 12TH AVE.
RURAL INTERSTATE 29						
4	WAHPETON	29	10.000	0.1000	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	113.780	0.7800	Class	3.0 MILES NORTH OF MAYVILLE INT.
243	BOWESMONT	29	198.080	0.0800	Class	2.0 MILES NORTH OF BOWESMONT
265	MOORETON	29	25.000	0.0149	Class	2.5 MILES NORTH OF ND 13
285	DAVENPORT	29	55.000	0.4798	Class	1.3 MILES NORTH OF DAVENPORT INT
RURAL PRINCIPAL ARTERIAL						
2	BOWMAN	85	12.000	0.2000	Weight	HWY 85 - 4 MILES SOUTH OF BOWMAN
3	ELLENDAL	281	1.000	0.2500	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	137.000	0.2800	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
13	LANGDON	5	288.000	0.9950	Weight	10 MILES EAST OF LANGDON
16	PANGER	85	176.000	0.7100	Weight	HWY 85
17	SYKESTON	52	212.000	0.3500	Weight	HWY 52, RP 212 @ .35
201	RAY	2	51.000	0.2986	Class	2.1 MILES WEST OF RAY
203	MAX	83	168.000	0.9400	Class	3.3 MILES SOUTH OF ND 53
205	GWINNER	13	337.000	0.2241	Class	2.1 MILES WEST OF ND 32
215	JAMESTOWN	52	259.000	0.5408	Class	2.5 MILES NORTH OF JAMESTOWN
219	MANDAN	6	55.000	0.8718	Class	11.0 MILES SOUTH OF MANDAN
221	FAIRFIELD	85	80.000	0.8850	Class	5.1 MILES NORTH OF I-94
229	COOPERSTOWN	200	344.000	0.2200	Class	3.0 MILES EAST OF COOPERSTOWN
233	FOXHOLM	52	78.000	0.2600	Class	1.5 MILES SOUTHEAST OF FOXHOLM
237	NEKOMA	1	205.000	0.2195	Class	8.5 MILES SOUTH LANGDON
239	NEW TOWN	23	42.000	0.8986	Class	4.7 MILES EAST OF ND 22
241	BOTTINEAU	5	173.000	0.9523	Class	0.2 MILES WEST OF ND 14
251	HAGUE	83	1.000	0.1144	Class	1.1 MILES NORTH OF SOUTH DAKOTA LINE
253	RUGBY	2	207.000	0.3265	Class	3.5 MILES WEST OF ND 3
255	CROSBY	5	28.000	0.7521	Class	6.0 MILES WEST OF CROSBY
257	WILLISTON	2	2.000	0.3979	Class	2.4 MILES EAST OF MONTANA LINE
261	CARRINGTON	281	117.000	0.9013	Class	5.5 MILES NORTH OF JUNCTION WITH HWY 200
271	GOLDEN VALLEY	200	131.000	0.0000	Class	0.7 MILES EAST OF GOLDEN VALLEY
273	NEW LEIPZIG	21	67.000	0.5500	Class	2.1 MILES WEST OF ND 49
281	SAWYER	52	102.000	0.7136	Class	WEST OF SAWYER
299	KILLDEER200W	200	88.000	0.5200	Class	6.7 MILES WEST OF JCT. ND 22 AND ND 200
303	MICHIGAN	2	296.000	0.6500	Class	4.0 MILES EAST OF ND 1

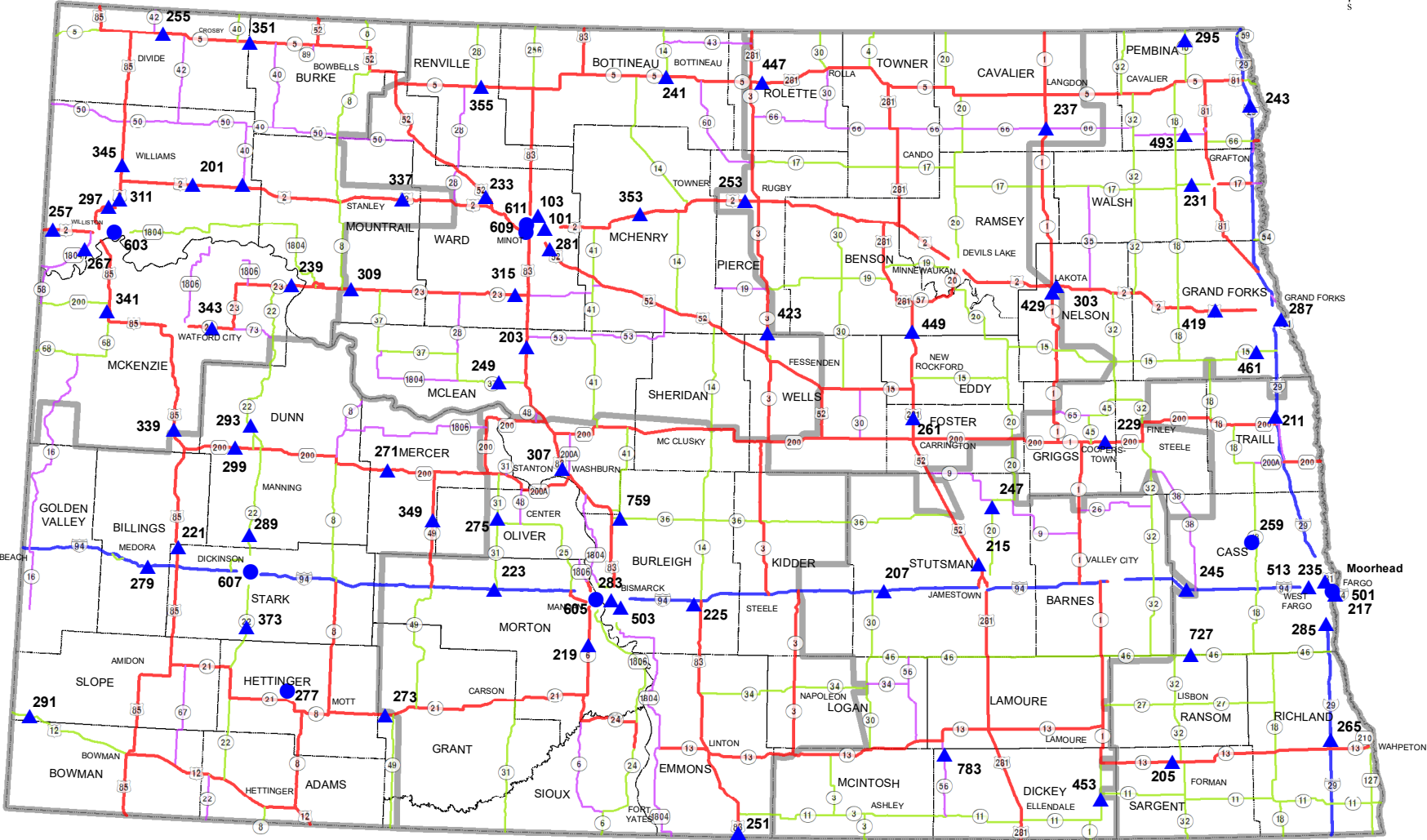
**NORTH DAKOTA DEPARTMENT OF TRANSPORTATION
ATR LOCATIONS**

STATION	NAME	HIGHWAY	REF POINT	OFF SET	TYPE	LOCATION
RURAL PRINCIPAL ARTERIAL						
307	WASHBURN	83	130.000	0.7300	Class	NORTH OF WASHBURN
309	NEWTOWN_EAST	23	58.000	0.7000	Class	8.4 MILES EAST OF NEW TOWN
311	WILLISTON_2N	2	27.000	0.6300	Class	5.2 MILES NORTH OF WILLISTON
315	RYDER_E23__	23	102.000	0.2000	Class	3.3 MILES WEST OF THE JUNCTION WITH US 83
337	BLAISDELL_E2	2	107.000	0.1000	Class	1.0 MILES EAST OF BLAISDELL
339	GRASSY_BUTTE	85	113.000	0.8500	Class	1.3 MILES NORTH OF GRASSY BUTTE
341	ALEXANDER85W	85	162.000	0.2080	Class	1/2 MILE W OF ALEXANDER
343	WATFORD_E23_	23	10.000	0.7000	Class	9.1 MILES EAST OF WATFORD CITY
345	WILLIAMS_N85	85	205.000	0.4800	Class	15.4 MILES NORTH OF WILLISTON
349	BEULAH_S49__	49	91.000	0.7700	Class	10.5 MILES SOUTH OF BEULAH
351	COLUMBUS_W5	5	52.000	0.2000	Class	3.2 MILES EAST OF NOONAN
353	GRANVILLE_E2	2	177.000	0.7600	Class	8.3 MILES EAST OF GRANVILLE
355	MOHALL_W5__	5	121.000	0.9700	Class	3.6 MILES WEST OF MOHALL
419	EMERADO_W2	2	340.000	0.5000	Class	2.5 MILES WEST OF EMERADO
423	HARVEY_N3__	3	165.000	0.5600	Class	5.6 MILES NORTH OF HARVEY
429	LAKOTA_S1__	1	160.000	0.3800	Class	1.6 MILES SOUTH OF LAKOTA
447	DUNSEITH_E__	281	250.000	0.2700	Class	2.95 MILES EAST OF DUNSEITH
449	SHEYENNE_N__	281	141.000	0.4800	Class	2.5 MILES NORTH OF SHEYENNE
RURAL MINOR ARTERIAL						
231	GRAFTON	17	122.000	0.1293	Class	5.5 MILES WEST OF GRAFTON
247	COURTENAY	20	20.000	0.4196	Class	1.8 MILES SOUTH OF ND 9
249	GARRISON	37	54.000	0.9548	Class	1.0 MILES WEST OF GARRISON
275	HANNOVER	31	97.000	0.0758	Class	1.2 MILES NORTH OF HANNOVER
289	MANNING	22	81.000	0.5055	Class	SOUTH OF MANNING
291	MARMARTH	12	4.000	0.8670	Class	1.0 MILE WEST OF MARMARTH
293	KILLDEER	22	112.000	0.1350	Class	5.9 MILES NORTH OF KILLDEER
295	NECHE	18	239.000	0.3300	Class	1.2 MILES SOUTH OF NECHE
373	DICKINSON22S	22	57.000	0.2400	Class	11.4 MILES SOUTH OF DICKINSON
453	OAKES_S1____	1	13.000	0.3500	Class	3.0 MILES SOUTH OF OAKES
461	THOMPSON_W15	15	129.000	0.0000	Class	3.4 MILES WEST OF THOMPSON
727	ENDERLIN_E46	46	84.000	0.2000	Class	EAST EDGE OF ENDERLIN
759	WILTON_E36__	36	2.000	0.2600	Class	2.3 MILES SE OF WILTON
RURAL MAJOR COLLECTOR-STATE						
267	TRENTON	1804	329.000	0.8846	Class	1.5 MILES NORTHEAST OF TRENTON
389	TIOGA_S40__	40	0.000	0.7000	Class	0.7 MILES NORTH OF US 2
493	ST_THOMAS_W_	66	117.000	0.4000	Class	5.7 MILES WEST OF ST. THOMAS
783	KULM_S56____	56	14.000	0.5800	Class	4.7 MILES SOUTH OF KULM
RURAL MAJOR COLLECTOR-COUNTY						
103	MINOT46AV_NE	5138 C	8.000	0.2000	Class	CMC 5138 - 2.1 MILES EAST OF US 83
225	STERLING	836 C	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	81 B	942.000	0.4092	Class	S. WASHINGTON BETWEEN 24 AND 28 AVE. S.
297	WILLISTON_NW	85	193.000	0.7000	Class	NW WILLISTON TRUCK RELIEVER ROUTE
501	FARGO (U)	81 B	925.000	0.3888	Volume	UNIVERSITY AVE. BET 15 AND 15 1/2 AVE.
503	BISMARCK (U)	810	5.000	0.5750	Class	BIS. EXPWY. SOUTH OF E. MAIN STREET
513	WFARGO_MAIN_ (U)	10 B	933.000	0.4400	Class	MAIN ST. WEST OF 15TH ST NW
603	WILLISTON (U)	2 B	900.000	0.6627	Volume	2ND ST. WEST OF 14TH AVE. WEST
605	MANDAN (U)	94 B	917.043	0.0939	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.

**NORTH DAKOTA DEPARTMENT OF TRANSPORTATION
ATR LOCATIONS**

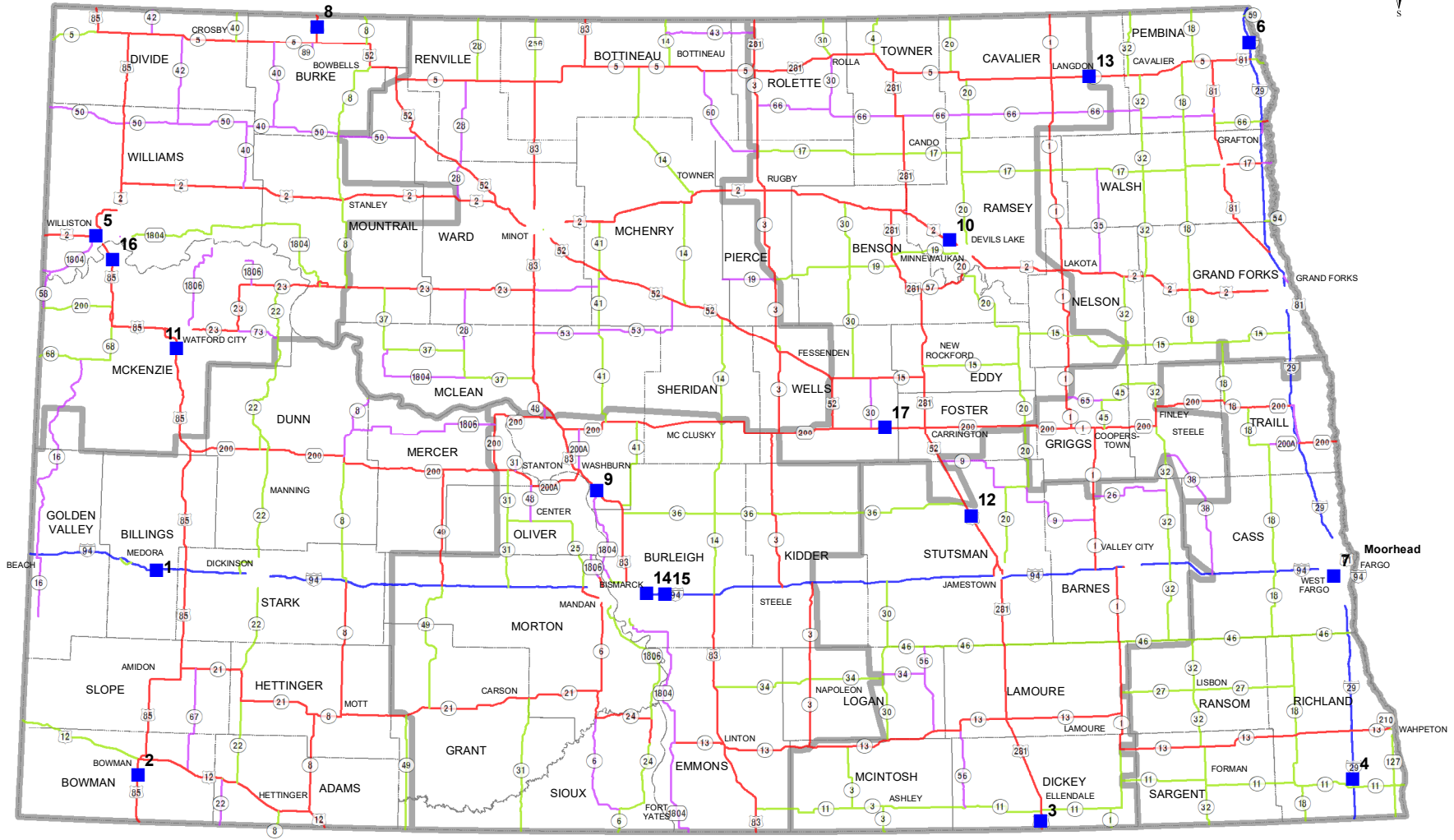
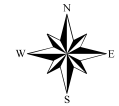
STATION	NAME	HIGHWAY	REF POINT	OFF SET	TYPE	LOCATION
URBAN COLLECTOR AND LOCAL URBAN						
101	MINOT55ST_NE	5145 C	0.000	0.3000	Class	CMC 5145 - 0.3 MILES NORTH OF US2
609	MINOT (U)				Volume	16TH AVE BET. 12TH ST SW. & 17TH AVE. SW.

Automatic Traffic Recorder (ATR) Locations



Station Type		Functional Class	Number of ATR Stations			
▲ Class	● Volume	Interstate Rural	8 Rural Interstate	3 Urban Interstate	Planning & Asset Management Division Traffic Data Section August 2024	
		Principal Arterial Rural	40 Rural Principal Arterial	6 Urban Principal Arterial		
		Minor Arterial Rural	13 Rural Minor Arterial	2 Urban Minor Arterial		
		Major Collector	8 Rural Major Collector	1 Urban Collector		

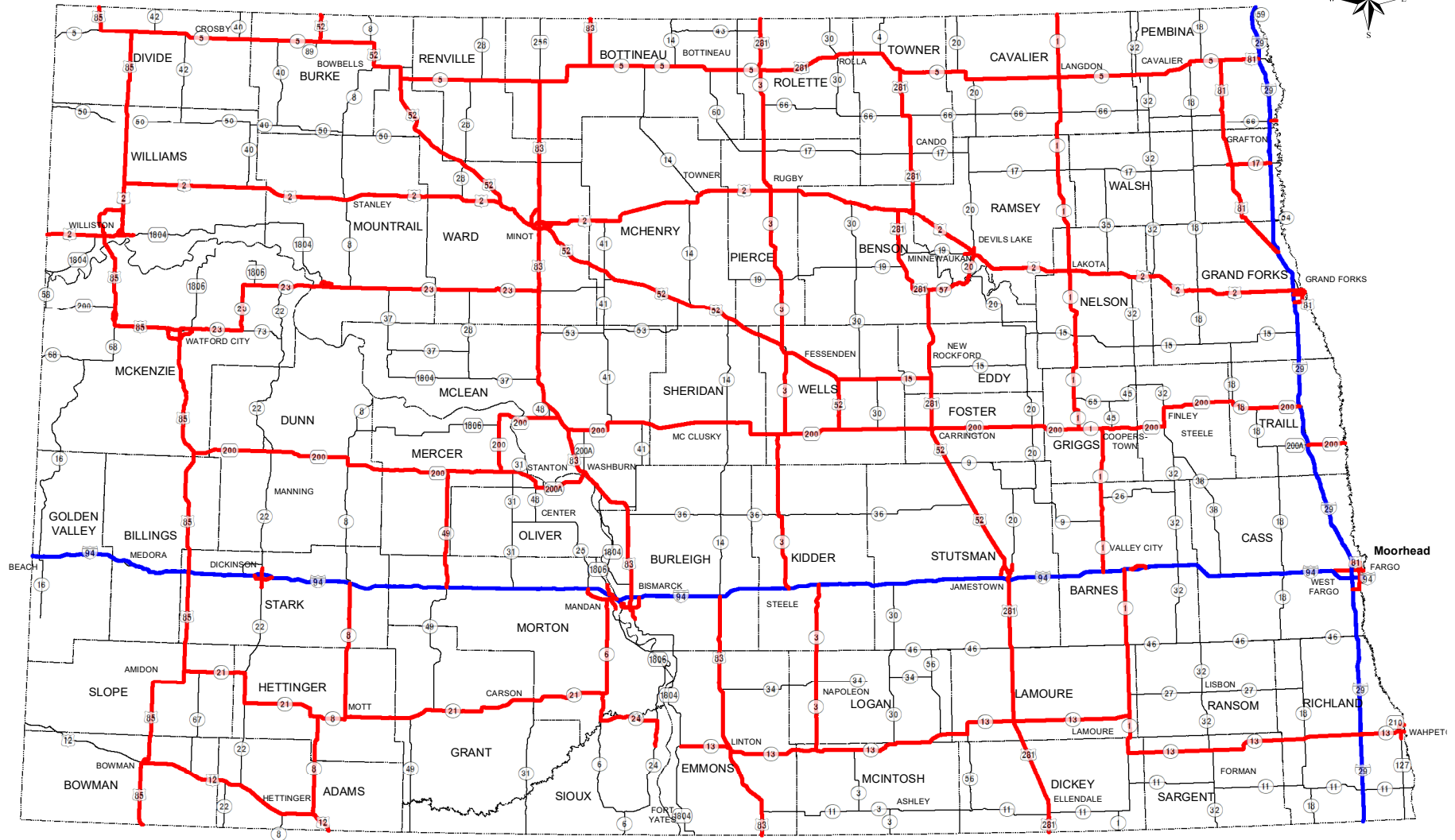
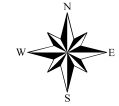
Weigh - In - Motion Locations



- | | | |
|---------------|-----------------------------|-----------------------|
| 1 - Belfield | ■ WIM Sites | 14 - Apple Creek East |
| 2 - Bowman | 6 - Joliette | 15 - Apple Creek West |
| 3 - Ellendale | 7 - West Fargo (N/A) | 16 - Panger |
| 4 - Wahpeton | 8 - Portal | 17 - Sykeston |
| 5 - Williston | 9 - Washburn | N/A = NOT ACTIVE |
| | 10 - Devils Lake | |
| | 11 - Watford City (Pending) | |
| | 12 - Buchanan (N/A) | |
| | 13 - Langdon | |

Planning & Asset Management Division
Traffic Data Section
August 2025

National Highway System Mileage



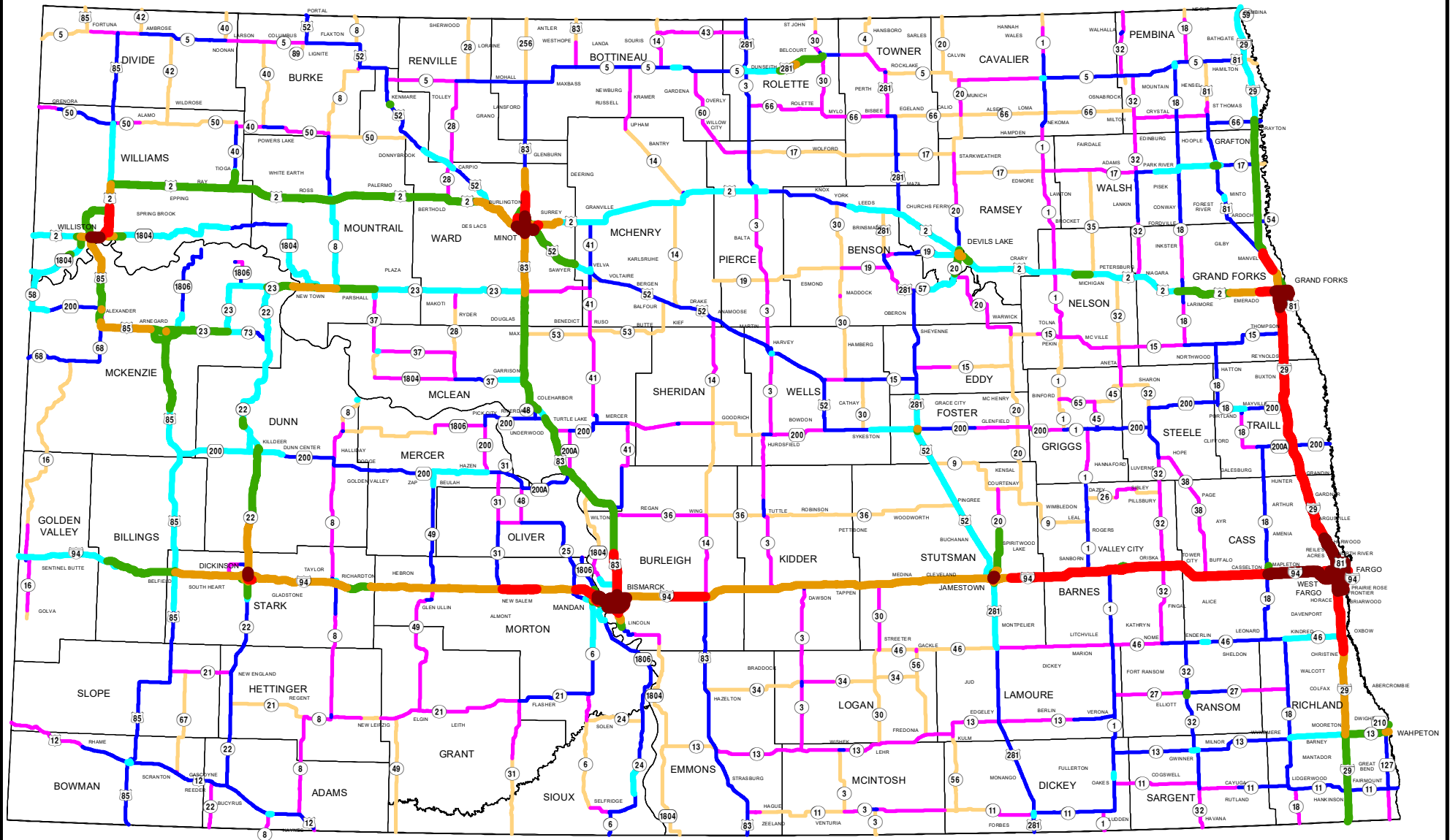
NHS Mileage

— Interstate Rural	504.9	— Principal Arterial Rural	2538.9
— Interstate Urban	66.0	— Principal Arterial Urban	164.1
Total	570.9	Total	3103.0

Total NHS 3721.5

Planning & Asset Management Division
Traffic Data Section
August 2025

Annual Average Daily Traffic (2024)



Notes: - Data from 2024 highway components segments.
 - The AADT for longer sections are an average of the traffic flow segments.
 - Data for the four lane roadways is combined for both directions (either north and south or east and west).

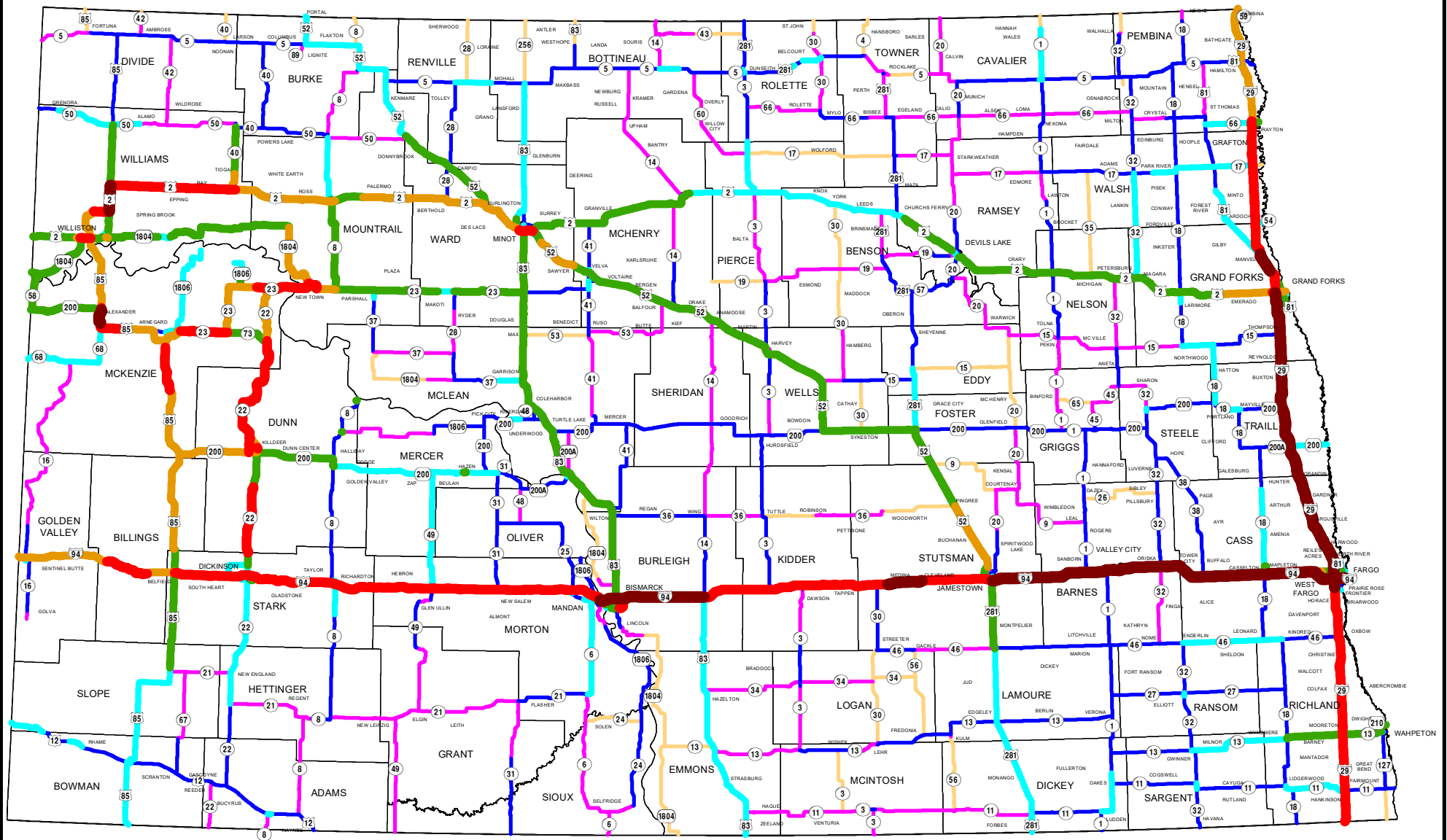
Annual Average Daily Traffic



Planning & Asset Management Division
 Traffic Data Section
 April 2025

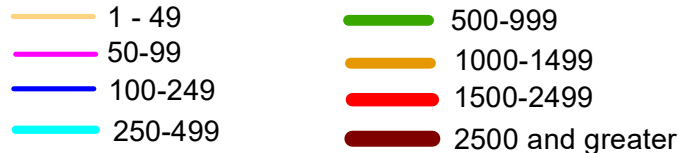


Truck Annual Average Daily Traffic (2024)



Notes: - Data from 2024 highway components segments.
 - The TAADT for longer sections are an average of the traffic segments.
 - Data for the four lane roadways is combined for both directions (either north and south or east and west).

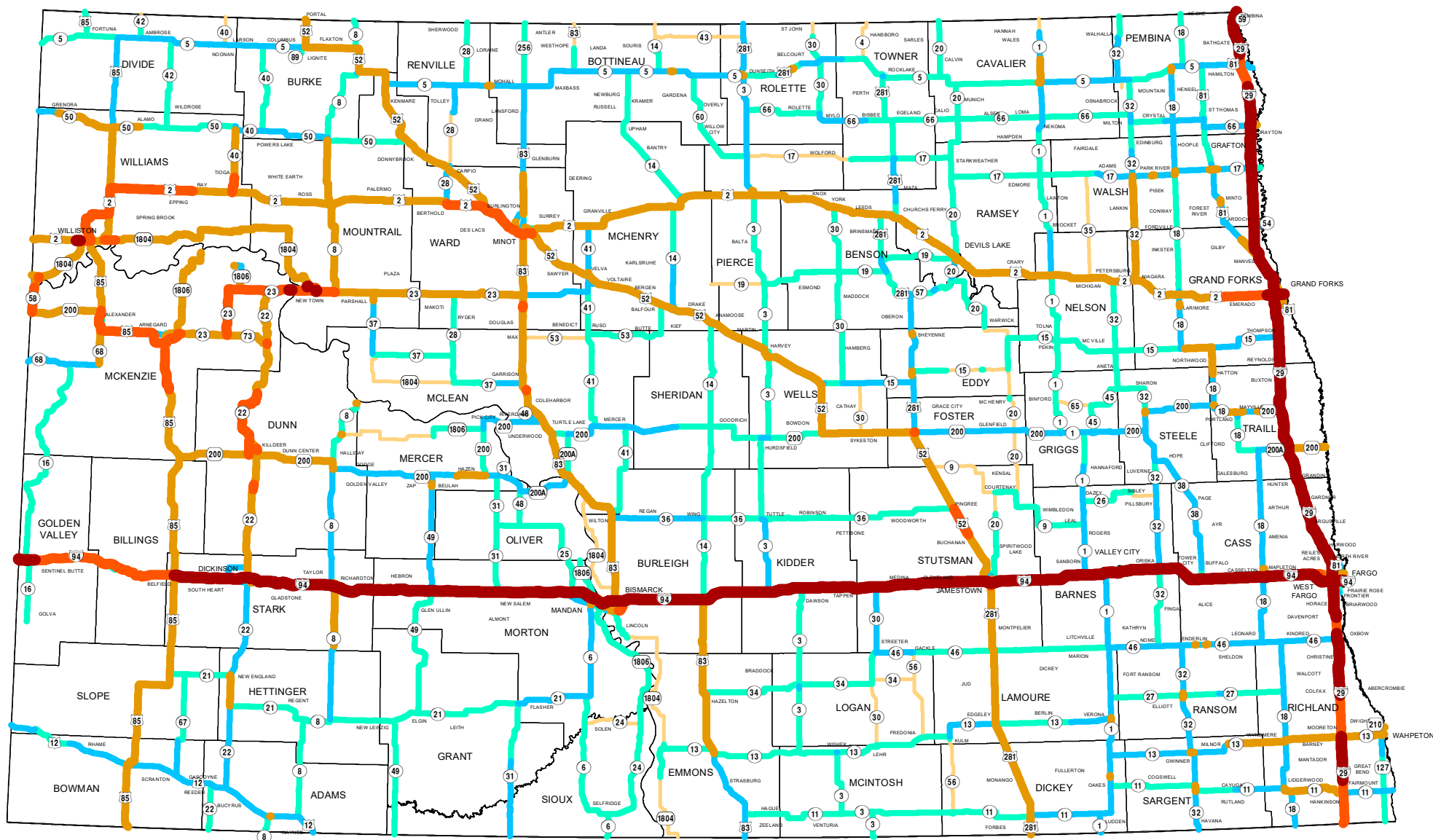
Truck Annual Average Daily Traffic



Planning & Asset Management Division
 Traffic Data Section
 April 2025



Equivalent Single Axle Loads (ESALs) 2024



Notes: - Data from 2024 highway components segments.
 - The ESALs for longer sections are an average of the traffic segments.
 - Data for the four lane roadways is combined for both directions (either north and south or east and west).

ESALs

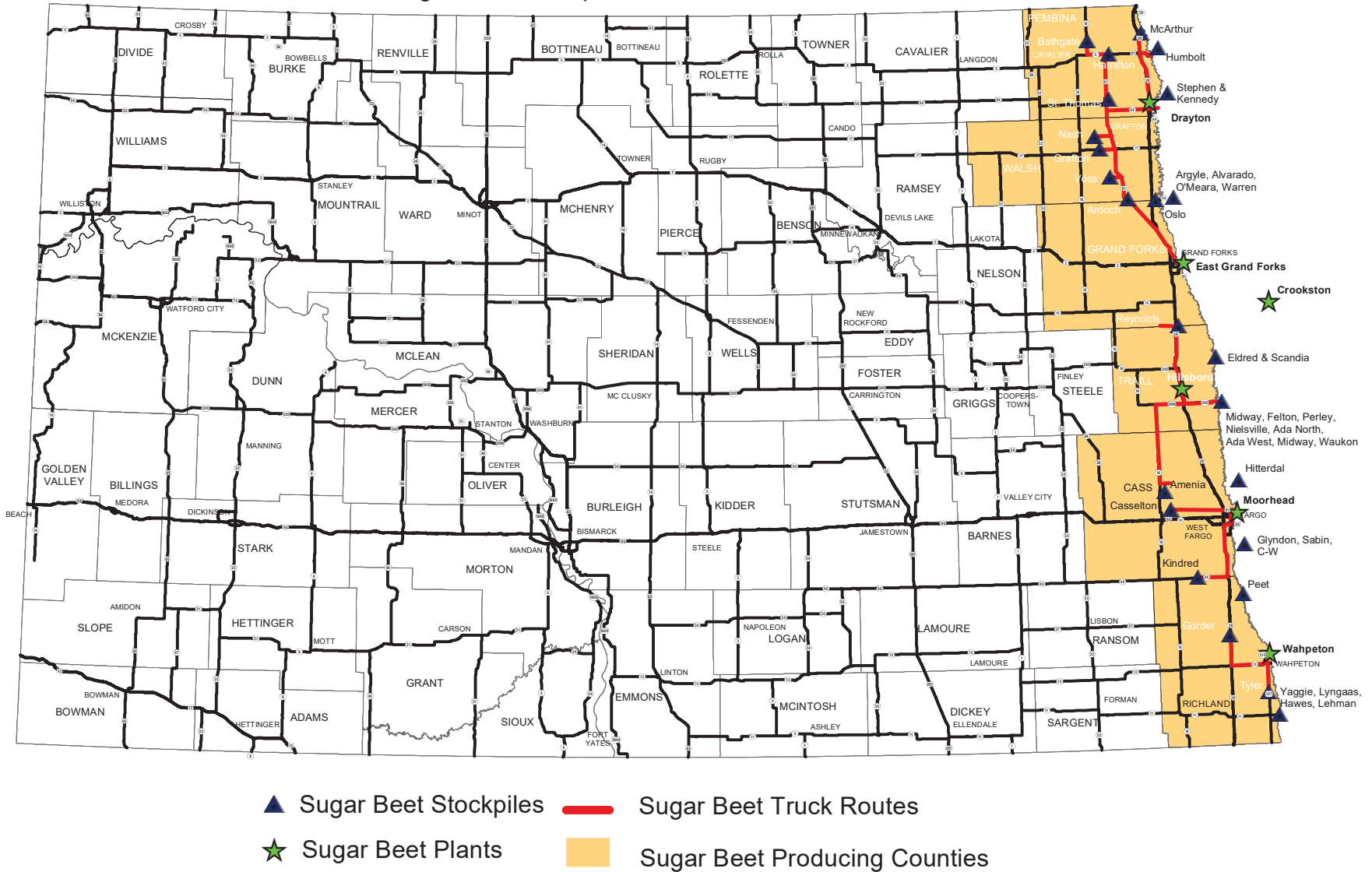


Planning & Asset Management Division
 Traffic Data Section
 April 2025



Statewide Sugar Beet Production

Sugar Beet Stockpiles , Plants ,Truck Routes



Data is from the USDA, National Agricultural Statistics Service.
 Starting in 2019, the USDA only provides state production number's It is no longer broke down by county
 Total production for the state of North Dakota in 2024 was 6,675,000.



Planning & Asset Management Division
 Traffic Data Section
 April 2025

PERMANENT STATION COMPARISON OF AADT BY YEAR

STATION NUMBER	LOCATION	2004	2006	2008	2010	2012	2014	2016	2018	2020	2021	2022	2023	2024	% CHANGE 2024/2023	% CHANGE 2024/2014	% CHANGE 2024/2004
URBAN INTERSTATE 94																	
217	FARGO (U)	61932	61479	63417	64983	67708	70183	72116	73886	64735	71995	69496	70548	72803	3.2%	3.7%	17.6%
283	BISMARCK (U)	18782	21507	22085	23727	25722	27738	29629	30006	25105	28557	27296	26945	25515	-5.3%	-8.0%	35.8%
	MEAN	40357	41493	42751	44355	46715	48961	50873	51946	44920	50276	48396	48747	49159	-1.1%	-2.1%	26.7%
RURAL INTERSTATE 94																	
207	MEDINA	6810	6706	6595	7478	8652	8598	8732	8340	7186	8514	8010	8274	8509	2.8%	-1.0%	24.9%
223	NEW SALEM	6088	6116	6195	7000	8638	9320	8726	8384	7664	8767	8172	8416	8596	2.1%	-7.8%	41.2%
245	TOWER CITY	9266	9173	9340	10464	11453	12178	11985	11659	9692	11483	10790	11058	11433	3.4%	-6.1%	23.4%
279	PAINTED CANYON	3596	3668	3554	3893	4815	5067	3865	4414	4119	4923	4513	4694	4897	4.3%	-3.4%	36.2%
	MEAN	6440	6416	6421	7209	8390	8791	8327	8199	7165	8422	7871	8111	8359	3.2%	-4.6%	31.4%
URBAN INTERSTATE 29																	
235	FARGO (U)	24808	25790	27503	35153	30814	31177	33593	36930	29242	33607	33463	35194	35722	1.5%	14.6%	44.0%
	MEAN	24808	25790	27503	35153	30814	31177	33593	36930	29242	33607	33463	35194	35722	1.5%	14.6%	44.0%
RURAL INTERSTATE 29																	
211	BUXTON	10526	10532	10630	11278	11752	12062	12405	12469	10032	11582	11622	12499	13107	4.9%	8.7%	24.5%
243	BOWESMONT	2980	3146	3559	3626	3775	3776	3248	3293	2229	2341	2850	3304	3443	4.2%	-8.8%	15.5%
265	MOORETON	5914	5940	5823	6385	6422	6807	7092	6997	6024	7018	6715	6992	7017	0.4%	3.1%	18.7%
285	DAVENPORT	10098	10151	9777	10901	11056	11276	11888	12389	10891	11987	11587	12043	12402	3.0%	10.0%	22.8%
	MEAN	7380	7442	7447	8048	8251	8480	8658	8787	7294	8232	8194	8710	8992	3.1%	3.2%	20.4%
RURAL PRINCIPAL ARTERIAL																	
201	RAY	1660	1873	2678	4367	9307	8665	5103	5327	4791	4565	4678	5263	5438	3.3%	-37.2%	227.6%
203	MAX	3600	3612	3702	5003	5516	5529	5026	4876	4305	4773	4606	4885	4916	0.6%	-11.1%	36.6%
205	GWINNER	1266	1255	1109	1216	1189	1203	1176	1212	1082	1159	1107	1103	1033	-6.3%	-14.1%	-18.4%
215	JAMESTOWN	2660	2716	2845	3170	3482	3695	3518	3439	3060	3289	3123	3217	3373	4.8%	-8.7%	26.8%
219	MANDAN	1538	1518	1471	1615	1621	1668	2332	1753	1725	1884	1754	1817	1938	6.7%	16.2%	26.0%
221	FAIRFIELD	1436	1649	1808	2120	4595	4672	3235	3504	2768	2741	2779	2856	3087	8.1%	-33.9%	115.0%
229	COOPERSTOWN	896	827	845	927	921	880	855	813	766	860	857	890	917	3.0%	4.2%	2.3%
233	FOXHOLM	1870	1899	2177	2491	3075	2930	2376	2296	1943	2107	2212	2323	2265	-2.5%	-22.7%	21.1%
237	NEKOMA	754	686	785	814	782	868	869	922	797	837	809	824	860	4.4%	-0.9%	14.1%
239	NEW TOWN	1682	1599	2357	3703	6474	7765	5123	6362	4982	4844	4616	5046	5239	3.8%	-32.5%	211.5%
241	BOTTINEAU	1018	946	1050	1239	1364	1382	1313	1230	1179	1221	1192	1309	1308	-0.1%	-5.4%	28.5%
251	HAGUE	740	589	746	867	885	909	1000	832	789	834	814	867	868	0.1%	-4.5%	17.3%
253	RUGBY	2642	2475	2730	2775	3162	3192	3026	2877	2412	2705	2609	2864	2875	0.4%	-9.9%	8.8%
255	CROSBY	554	574	598	842	1502	1638	994	837	710	750	725	800	796	-0.5%	-51.4%	43.7%
257	WILLISTON	1186	1229	1251	1620	3235	2958	1875	2435	1757	1765	1753	1818	1960	7.8%	-33.7%	65.3%
261	CARRINGTON				1736	1768	1788	1946	1774	1521	1687	1747	1697	1676	-1.2%	-6.3%	--
271	GOLDEN VALLEY	676	702	698	840	1355	1414	1243	1185	1116	1122	972	976	1028	5.3%	-27.3%	52.1%
273	NEW LEIPZIG	368	339	314	364	377	372	381	359	354	364	340	386	410	6.2%	10.2%	11.4%
281	SAWYER	3878	3902	3883	4563	5340	5347	4839	4729	4391	4754	4541	4344	4642	6.9%	-13.2%	19.7%
299	KILLDEER200W								1873	1394	1482	1679	2247	2240	-0.3%	--	--
303	MICHIGAN	3508	3361	3303	3803	4383	4366	4127	3919	3292	3668	3517	3846	3964	3.1%	-9.2%	13.0%
307	WASHBURN	3984	4233	4437	5189	6030	6303	5806	5519	4905	5304	5037	5494	5438	-1.0%	-13.7%	36.5%
309	NEWTOWN_EAST						6193	3991	4414	3925	4031	3899	4264	4519	6.0%	-27.0%	--
311	WILLISTON_2N					13560	7868	9132	7857	7378	7684	8716	9342		7.2%	-31.1%	--
315	RYDER_E23__								2172	2097	2148	2101	2275	2244	-1.4%	--	--
337	BLAISDELL_E2							5007	4619	3974	3917	3832	4295	4350	1.3%	--	--
339	GRASSY_BUTTE					4880	3217	3727	2775	2834	3127	3614	3631		0.5%	-25.6%	--
341	ALEXANDER85W							6467	6579	5147	4883	5351	6260	6702	7.1%	--	--
343	WATFORD_E23_							5031	6016	3870	3724	3973	4256	4183	-1.7%	--	--
345	WILLIAMS_N85							2240	1815	1919	2081	2412	2561		6.2%	--	--
349	BEULAH_S49__							1444	1385	1529	1450	1505	1545		2.7%	--	--
351	COLUMBUS_W5							643	545	513	515	468	486	550	13.2%	--	--
353	GRANVILLE_E2								2783	2387	2688	2562	2868	2788	-2.8%	--	--
355	MOHALL_W5__								761	705	713	709	792	786	-0.8%	--	--
419	EMERADO_W2							6721	6516	5382	5998	5727	6122	6367	4.0%	--	--
423	HARVEY_N3__							654	617	584	588	554	556	629	13.1%	--	--

PERMANENT STATION COMPARISON OF AADT BY YEAR

STATION NUMBER	LOCATION	2004	2006	2008	2010	2012	2014	2016	2018	2020	2021	2022	2023	2024	% CHANGE 2024/2023	% CHANGE 2024/2014	% CHANGE 2024/2004	
RURAL PRINCIPAL ARTERIAL																		
429	LAKOTA_S1____							602	594	559	610	546	554	584	5.4%	--	--	
447	DUNSEITH_E____						2499	2604	2575	2605	2794	2536	2609	2705	3.7%	8.2%	--	
449	SHEYENNE_N____							1218	1131	798	1044	885	1013	1058	4.4%	--	--	
	MEAN	1796	1799	1939	2346	3160	3787	3036	2921	2472	2565	2537	2756	2841	3.1%	-15.2%	47.9%	
RURAL MINOR ARTERIAL																		
231	GRAFTON	2818	2521	2623	2594	2525	2429	2538	2452	2319	2448	2253	2378	2382	0.2%	-1.9%	-15.5%	
247	COURTENAY	490	460	442	464	471	451	490	476	426	464	428	424	439	3.5%	-2.7%	-10.4%	
249	GARRISON	1178	1164	1184	1359	1634	1892	1815	1636	1626	1721	1582	1677	1739	3.7%	-8.1%	47.6%	
275	HANNOVER	500	479	500	602	630	687	1091	692	632	688	607	632	755	19.5%	9.9%	51.0%	
289	MANNING	1610	1718	2341	3675	5706	6696	4417	5093	4046	4069	4169	4708	4743	0.7%	-29.2%	194.6%	
291	MARMARTH					785	868	698	650	569	673	632	696	692	-0.6%	-20.3%	--	
293	KILLDEER					3313	4615	2989	4283	3273	3051	3150	3481	3470	-0.3%	-24.8%	--	
295	NECHE					429	465	404	394	300	326	338	361	370	2.5%	-20.4%	--	
373	DICKINSON22S							2046	1654	1538	1724	1622	1764	1807	2.4%	--	--	
453	OAKES_S1_____								1253	1136	1244	1161	1210	1261	4.2%	--	--	
461	THOMPSON_W15							1597	1555	1477	1615	1497	1552	1583	2.0%	--	--	
727	ENDERLIN_E46							1826	1984	1777	1927	1869	1893	1959	3.5%	--	--	
759	WILTON_E36____							585	565	579	608	573	617	729	18.2%	--	--	
	MEAN	1319	1268	1418	1739	1937	2263	1708	1745	1515	1581	1529	1646	1687	4.6%	-12.2%	53.5%	
RURAL MAJOR COLLECTOR - STATE																		
267	TRENTON				3231	6008	5541	4059	4278	3615	3748	3963	4105	4257	3.7%	-23.2%	--	
389	TIOGA_S40_____												3942	3886	-1.4%	--	--	
493	ST_THOMAS_W____							601	612	574	611	616	558	494	-11.5%	--	--	
783	KULM_S56_____							196	190	289	197	194	192	182	-5.2%	--	--	
	MEAN				3231	6008	5541	1619	1693	1493	1519	1591	2199	2205	-3.6%	-23.2%	--	
RURAL MAJOR COLLECTOR - COUNTY																		
103	MINOT46AV_NE							1074	1104	1207	1161	1218	1183	1380	1410	2.2%	31.3%	--
225	STERLING	492	525	560	645	639	946	865	814	843	862	813	823	419	-49.1%	-55.7%	-14.8%	
259	AYR	384	340	360	372	317	327	351	359	342	370	367	402	426	6.0%	30.3%	10.9%	
277	REGENT	296	287	320	358	369	356	339	297	337	314	307	318	307	-3.5%	-13.8%	3.7%	
	MEAN	391	384	413	458	442	676	665	669	671	691	668	731	641	-11.1%	-2.0%	-0.1%	
URBAN PRINCIPAL ARTERIAL																		
287	GRAND FORKS	19656	19107	18974	20520	21291	21318	23090	22174	19770	22092	21488	21734	21739	0.0%	2.0%	10.6%	
297	WILLISTON_NW						2257	2924	4553	3990	3403	3728	4265	4691	10.0%	107.8%	--	
501	FARGO (U)	26852	24248	24606	24868	24332	26023	25990	22640	21889	24175	24230	24742	24318	-1.7%	-6.6%	-9.4%	
503	BISMARCK (U)					12176	13418	14061	13374	12746	13513	13379	13910	6886	-50.5%	-48.7%	--	
513	WFARGO_MAIN_ (U)							6159	6764	5782	6359	6088	5729	6096	6.4%	--	--	
601	BISMARCK (U)	11961	11465	11991											--	--	--	
603	WILLISTON (U)	4228	4528	4801	6510	10278	10834	7351	7193	6059	6143	6483	6916	6914	-0.0%	-36.2%	63.5%	
605	MANDAN (U)	20158	20213	19582	20270	20439	20356	21326	18934	17755	18712	17932	18271	18468	1.1%	-9.3%	-8.4%	
	MEAN	16571	15912	15991	18042	17703	15701	14414	13662	12570	13485	13333	13652	12730	-5.0%	1.5%	14.1%	
URBAN MINOR ARTERIAL																		
607	DICKINSON (U)	3104	3053	2855	3033	3269	3198	3473	2907	2709	3116	2905	2954	3346	13.3%	4.6%	7.8%	
611	MINOT (U)	2690	2541	2618	2894	3155	2914	2838	2571	2047	2080	1987	2225	2027	-8.9%	-30.4%	-24.6%	
	MEAN	2897	2797	2737	2964	3212	3056	3156	2739	2378	2598	2446	2590	2687	2.2%	-12.9%	-8.4%	
URBAN COLLECTOR & LOCAL URBAN																		
101	MINOT55ST_NE						2525	2557	2732	2406	2651	2366	2222	2334	5.0%	-7.6%	--	
609	MINOT (U)	2346	2222	2255	2374	3001	2991	2837	2545	2349	2524	2302	2335	2351	0.7%	-21.4%	0.2%	
	MEAN	2346	2222	2255	2374	3001	2758	2697	2639	2378	2588	2334	2279	2343	2.9%	-14.5%	0.2%	

Missing data is the result of years when recording stations were out of service, or not yet installed

PERMANENT STATION COMPARISON OF TRUCK AADT BY YEAR

STATION NUMBER	LOCATION	2004	2006	2008	2010	2012	2014	2016	2018	2020	2021	2022	2023	2024	% CHANGE 2024/2023	% CHANGE 2024/2014	% CHANGE 2024/2004
URBAN INTERSTATE																	
217	FARGO (U)	4888	4791	4930	4612	5108	5645	5079	5040	5052	5520	5348	5396	5444	0.9%	-3.6%	11.4%
235	FARGO (U)	2684	2726	2980	3344	3216	3588	3685	3775	3640	3994	3956	4254	4284	0.7%	19.4%	59.6%
283	BISMARCK (U)	1952	2264	2151	2039	2505	2687	2474	2747	3188	3542	3337	3353	3351	-0.1%	24.7%	71.7%
	MEAN	3175	3260	3354	3332	3610	3973	3746	3854	3960	4352	4214	4334	4360	0.5%	13.5%	47.6%
RURAL INTERSTATE																	
207	MEDINA	1618	1699	1711	1809	2137	2246	2271	2334	2372	2580	2425	2477	2563	3.5%	14.1%	58.4%
211	BUXTON	2494	2554	2790	2561	2982	3156	2834	2578	2544	2772	2859	3068	3069	0.0%	-2.8%	23.1%
223	NEW SALEM	1244	1364	1467	1450	2002	2210	2203	2156	2170	2410	2245	2275	2324	2.2%	5.2%	86.8%
243	BOWESMONT	1164	1186	1358	1109	1223	1708	1272	1306	1262	1373	1398	1520	1366	-10.1%	-20.0%	17.4%
245	TOWER CITY	1922	2001	2203	2334	2674	2981	2856	3049	2814	3207	3066	3285	3066	-6.7%	2.9%	59.5%
265	MOORETON	922	1006	1076	1072	1178	1403	1182	1282	1242	1326	1318	1332	1601	20.2%	14.1%	73.6%
279	PAINTED CANYON	1018	1177	1166	1155	1449	1566	1391	1552	1517	1786	1638	1667	1765	5.9%	12.7%	73.4%
285	DAVENPORT	1184	1248	1293	1341	1454	1561	1661	1792	1759	1884	1844	1998	1997	-0.1%	27.9%	68.7%
	MEAN	1446	1529	1633	1604	1887	2104	1959	2006	1960	2167	2099	2203	2219	1.9%	6.8%	57.6%
RURAL PRINCIPAL ARTERIAL																	
201	RAY	260	378	669	1332	3536	3104	1398	1729	1418	1410	1476	1904	1836	-3.6%	-40.9%	606.2%
203	MAX	536	541	568	771	1003	1028	695	1102	899	878	876	938	941	0.3%	-8.5%	75.6%
205	GWINNER	154	145	117	114	129	164	168	183	164	164	160	186	158	-15.1%	-3.7%	2.6%
215	JAMESTOWN	510	584	709	770	937	1103	765	974	937	991	953	984	1064	8.1%	-3.5%	108.6%
219	MANDAN	146	154	138	147	149	191	237	209	238	252	247	269	276	2.6%	44.5%	89.0%
221	FAIRFIELD	258	399	507	641	1362	1737	951	1086	804	738	778	835	930	11.4%	-46.5%	260.5%
229	COOPERSTOWN								186	175	186	189	186	187	0.5%	--	--
233	FOXHOLM	418	454	548	644	835	770	526	628	592	668	676	685	644	-6.0%	-16.4%	54.1%
237	NEKOMA	122	115	118	122	133	162	145	144	133	118	122	128	145	13.3%	-10.5%	18.9%
239	NEW TOWN		148	549	1217	2842	3204	1619	2394	1788	1678	1682	1873	1864	-0.5%	-41.8%	--
241	BOTTINEAU	118	111	129	163	195	221	193	198	240	224	217	241	243	0.8%	10.0%	105.9%
251	HAGUE						351	345	285	288	273	284	316	329	4.1%	-6.3%	--
253	RUGBY	424	406	508	431	541	533	486	431	453	448	444	472	469	-0.6%	-12.0%	10.6%
255	CROSBY	78	131	145	234	604	733	381	256	279	329	266	226	204	-9.7%	-72.2%	161.5%
257	WILLISTON	140	160	160	280	911	846	364	647	388	361	398	472	573	21.4%	-32.3%	309.3%
261	CARRINGTON				268	264	289	314	259	248	302	416	414	403	-2.7%	39.4%	--
271	GOLDEN VALLEY		67	66	111	378	349	241	226	212	190	185	240	296	23.3%	-15.2%	--
273	NEW LEIPZIG	60	44	43	62	55	64	71	74	76	74	69	87	88	1.1%	37.5%	46.7%
281	SAWYER	420	526	572	744	1022	1054	893	949	933	1013	1011	976	1064	9.0%	0.9%	153.3%
299	KILLDEER200W								1037	674	717	844	1170	1204	2.9%	--	--
303	MICHIGAN	558	515	513	593	691	647	631	738	659	679	645	727	741	1.9%	14.5%	32.8%
307	WASHBURN	552	607	609	740	949	1033	929	906	886	841	867	966	940	-2.7%	-9.0%	70.3%
309	NEWTOWN_EAST						1845	712	834	760	764	706	869	926	6.6%	-49.8%	--
311	WILLISTON_2N						5682	2815	3340	2579	2339	2729	3185	3470	8.9%	-38.9%	--
315	RYDER_E23_								563	563	553	523	598	594	-0.7%	--	--
337	BLAISDELL_E2							1259	1234	1121	1033	1112	1235	1222	-1.1%	--	--
339	GRASSY_BUTTE					1993	1145	1333	964	983	1149	1391	1416		1.8%	-29.0%	--
341	ALEXANDER85W						3120	3137	2272	2103	2393	2890	3133		8.4%	--	--
343	WATFORD_E23_						2363	3142	1878	1797	1917	2081	1956		-6.0%	--	--
345	WILLIAMS_N85							943	643	716	845	1032	1155		11.9%	--	--
349	BEULAH_S49_							244	249	256	251	260	260		0.0%	--	--
351	COLUMBUS_W5						221	167	154	155	130	142	156		9.9%	--	--
353	GRANVILLE_E2							534	523	545	523	647	571		-11.7%	--	--
355	MOHALL_W5_							216	228	226	211	230	242		5.2%	--	--
419	EMERADO_W2							933	906	766	764	837	946	1026	8.5%	--	--
423	HARVEY_N3_							100	102	110	94	94	90	102	13.3%	--	--
429	LAKOTA_S1_							120	112	121	115	102	106	108	1.9%	--	--
447	DUNSEITH_E_					189	139	110	152	144	151	145	174		20.0%	-7.9%	--
449	SHEYENNE_N_						234	229	184	168	154	197	201		2.0%	--	--
	MEAN	297	305	370	494	870	1137	766	815	660	648	683	778	803	3.6%	-12.4%	131.6%

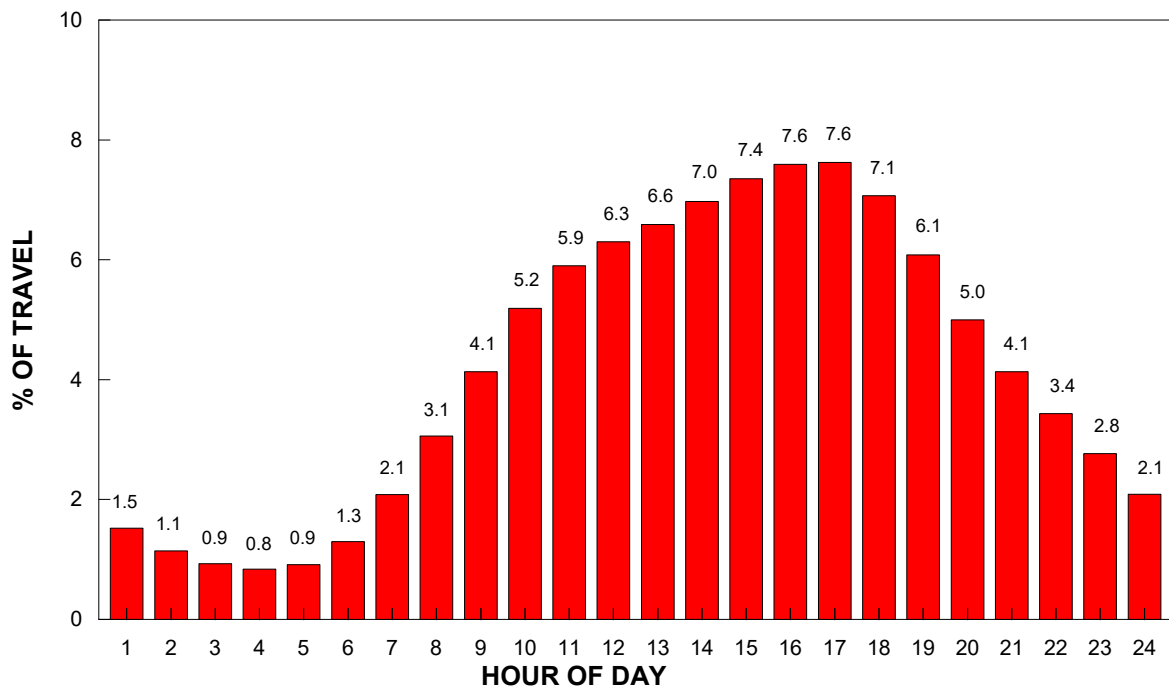
PERMANENT STATION COMPARISON OF TRUCK AADT BY YEAR

STATION NUMBER	LOCATION	2004	2006	2008	2010	2012	2014	2016	2018	2020	2021	2022	2023	2024	% CHANGE 2024/2023	% CHANGE 2024/2014	% CHANGE 2024/2004
RURAL MINOR ARTERIAL																	
231	GRAFTON	272	240	267	243	233	170	286	290	301	299	319	340	337	-0.9%	98.2%	23.9%
247	COURTENAY	40	32	33	36	45	34	45	31	38	42	42	44	49	11.4%	44.1%	22.5%
249	GARRISON	112	106	117	127	165	255	177	187	195	174	136	161	198	23.0%	-22.4%	76.8%
275	HANNOVER	64	60	57	80	92	100	152	88	86	90	70	70	135	92.9%	35.0%	110.9%
289	MANNING	128	160	408	931	1714	2392	1125	1548	1194	1186	1283	1560	1614	3.5%	-32.5%	1160.9%
291	MARMARTH					181	225	157	197	175	245	278	313	313	0.0%	39.1%	--
293	KILLDEER					1484	1928	1038	1881	1060	1144	1306	1580	1612	2.0%	-16.4%	--
295	NECHE					89	111	90	126	125	167	106	112	102	-8.9%	-8.1%	--
373	DICKINSON22S							404	306	298	319	284	338	352	4.1%	--	--
453	OAKES_S1____								302	253	281	255	281	309	10.0%	--	--
461	THOMPSON_W15							183	185	182	204	196	210	217	3.3%	--	--
727	ENDERLIN_E46							322	351	331	360	321	323	336	4.0%	--	--
759	WILTON_E36__							133	119	155	170	150	144	171	18.8%	--	--
	MEAN	123	120	176	283	500	652	343	432	338	360	365	421	442	12.5%	17.1%	279.0%
RURAL MAJOR COLLECTOR - STATE																	
267	TRENTON				670	1770	1593	834	1031	788	729	874	740	810	9.5%	-49.2%	--
389	TIOGA_S40____												1083	1057	-2.4%	--	--
493	ST_THOMAS_W_							188	184	201	201	219	188	166	-11.7%	--	--
783	KULM_S56____							47	40	67	41	42	52	41	-21.2%	--	--
	MEAN				670	1770	1593	356	418	352	324	378	516	519	-6.4%	-49.2%	--
RURAL MAJOR COLLECTOR - COUNTY																	
103	MINOT46AV_NE						242	194	178	175	180	164	185	201	8.6%	-16.9%	--
225	STERLING	46	39	54	68	89	141	142	141	152	176	163	161	81	-49.7%	-42.6%	76.1%
	MEAN	46	39	54	68	89	192	168	160	164	178	164	173	141	-20.5%	-29.7%	76.1%
URBAN PRINCIPAL ARTERIAL																	
287	GRAND FORKS							438	418	435	469	464	502	549	9.4%	--	--
297	WILLISTON_NW						1246	1632	2649	1964	1641	1907	2210	2447	10.7%	96.4%	--
503	BISMARCK (U)				1515	1880	1768	1613	1674	1724	1776	1962	930		-52.6%	-50.5%	--
513	WFARGO_MAIN_ (U)						1084	1115	1087	1121	1071	980	1084		10.6%	--	--
	MEAN				1515	1563	1231	1449	1290	1239	1305	1414	1253		-5.5%	22.9%	--
LOCAL URBAN																	
101	MINOT55ST_NE						579	472	420	387	395	374	376	446	18.6%	-23.0%	--
	MEAN						579	472	420	387	395	374	376	446	18.6%	-23.0%	--

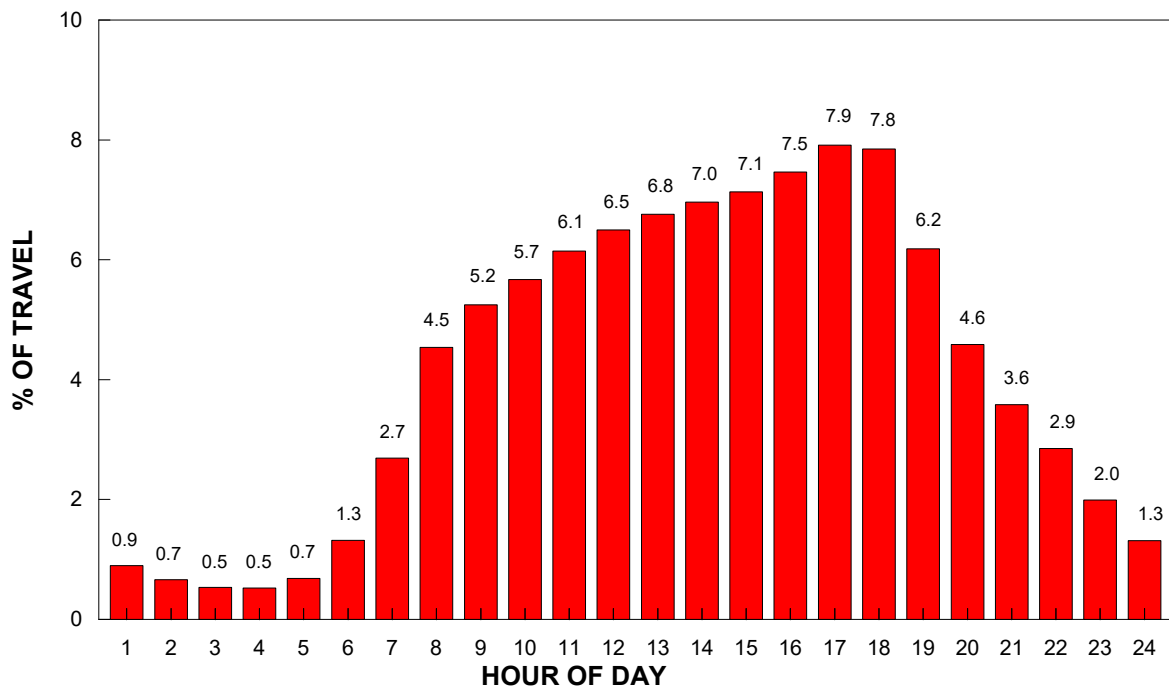
Missing data is the result of years when recording stations were out of service, or not yet installed

HOURLY DISTRIBUTION OF TRAVEL

RURAL INTERSTATE 94

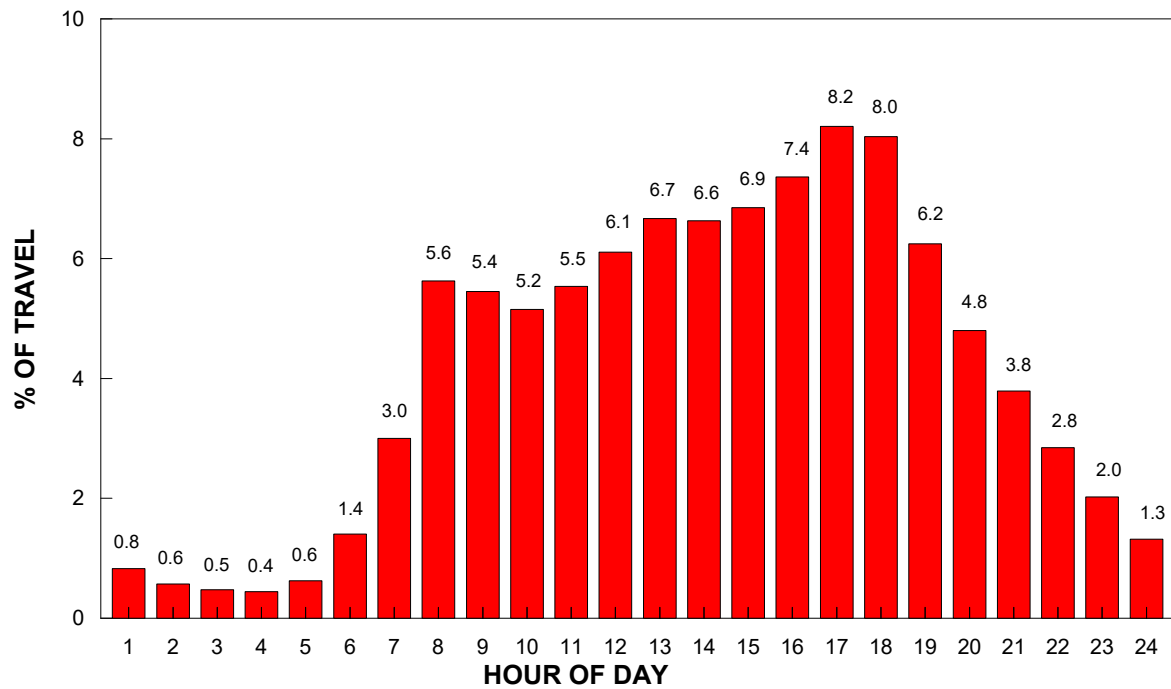


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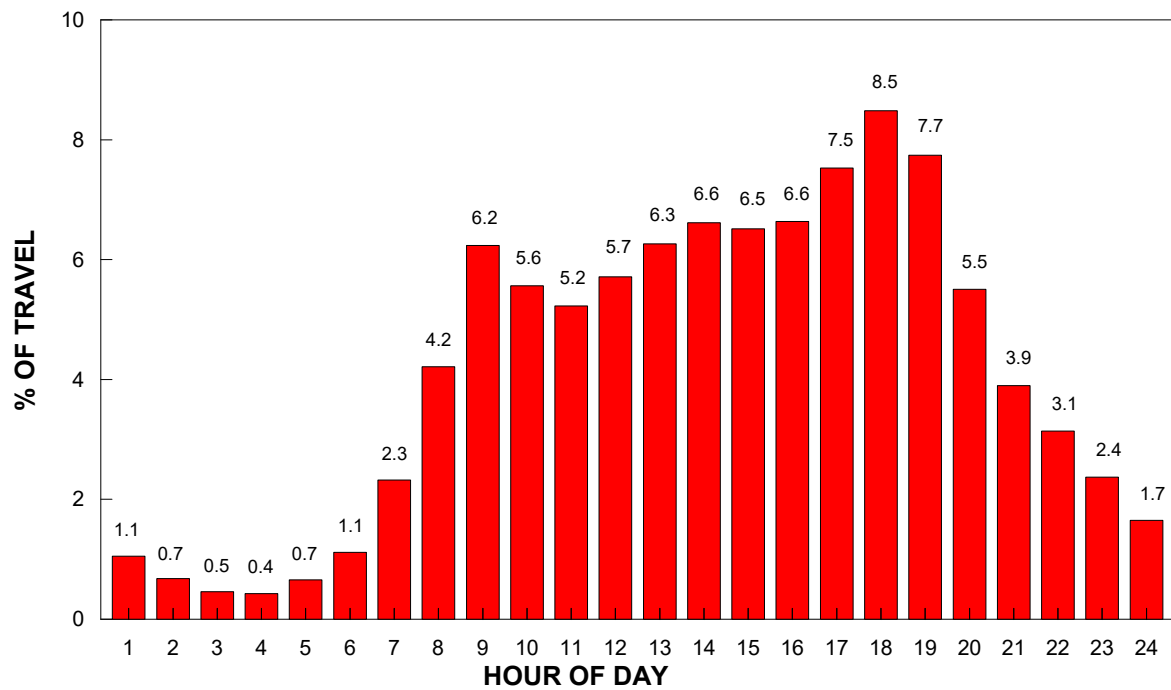


HOURLY DISTRIBUTION OF TRAVEL

URBAN INTERSTATE 94

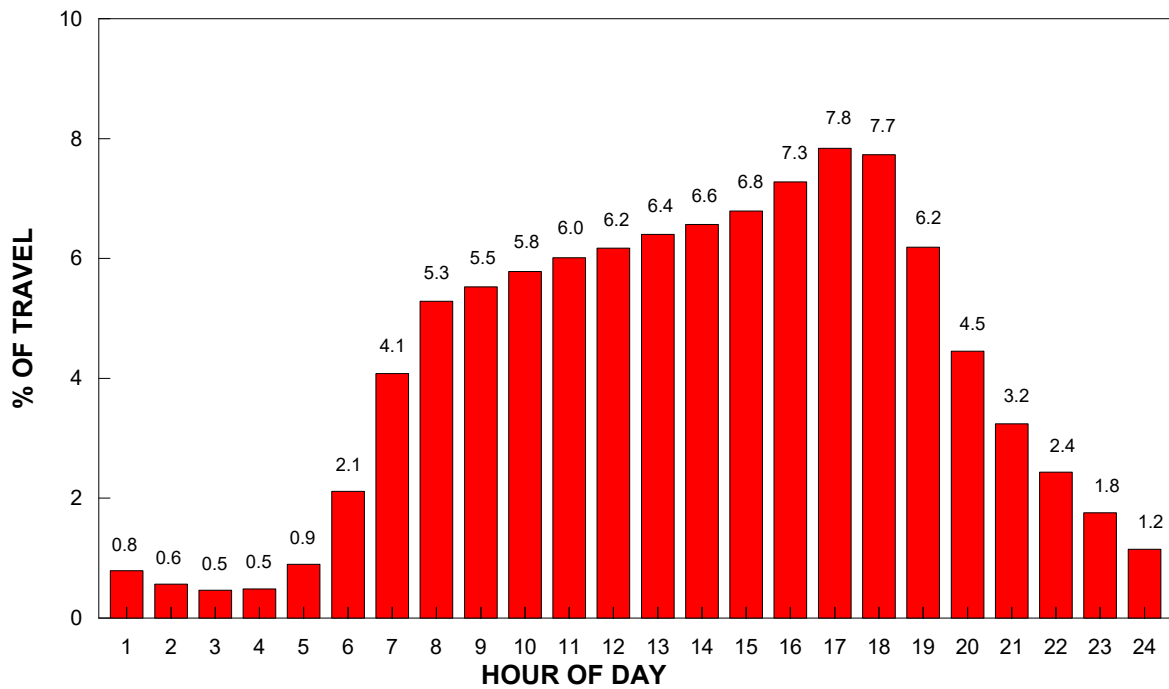


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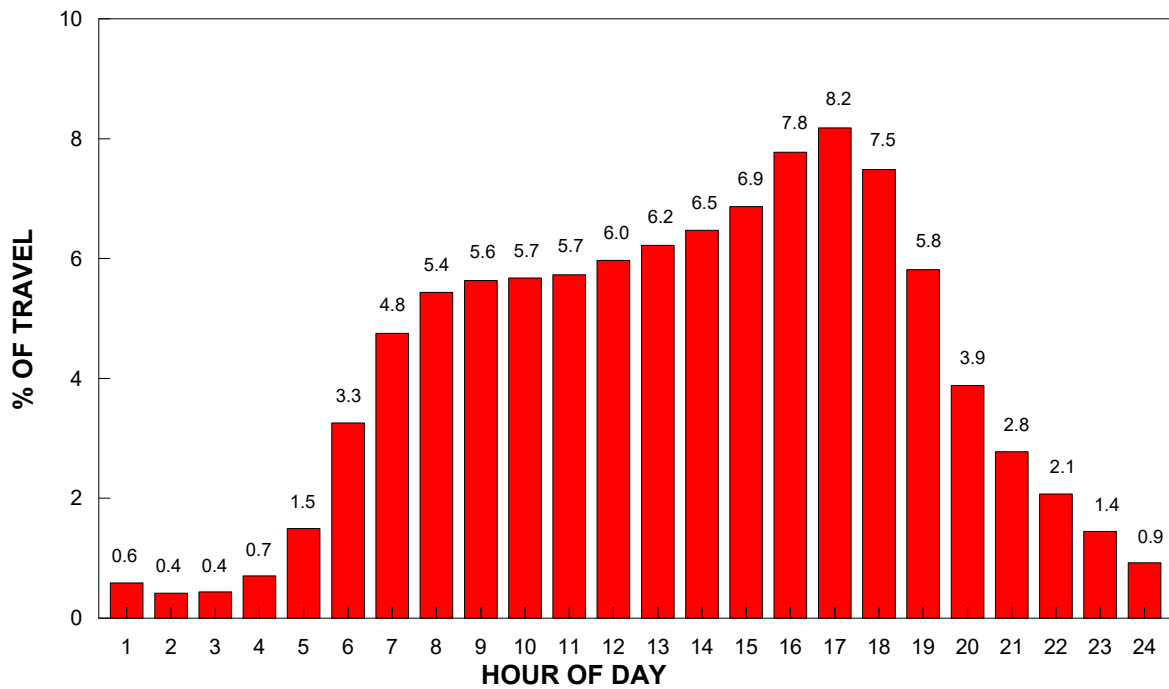


HOURLY DISTRIBUTION OF TRAVEL

RURAL PRINCIPAL ARTERIAL

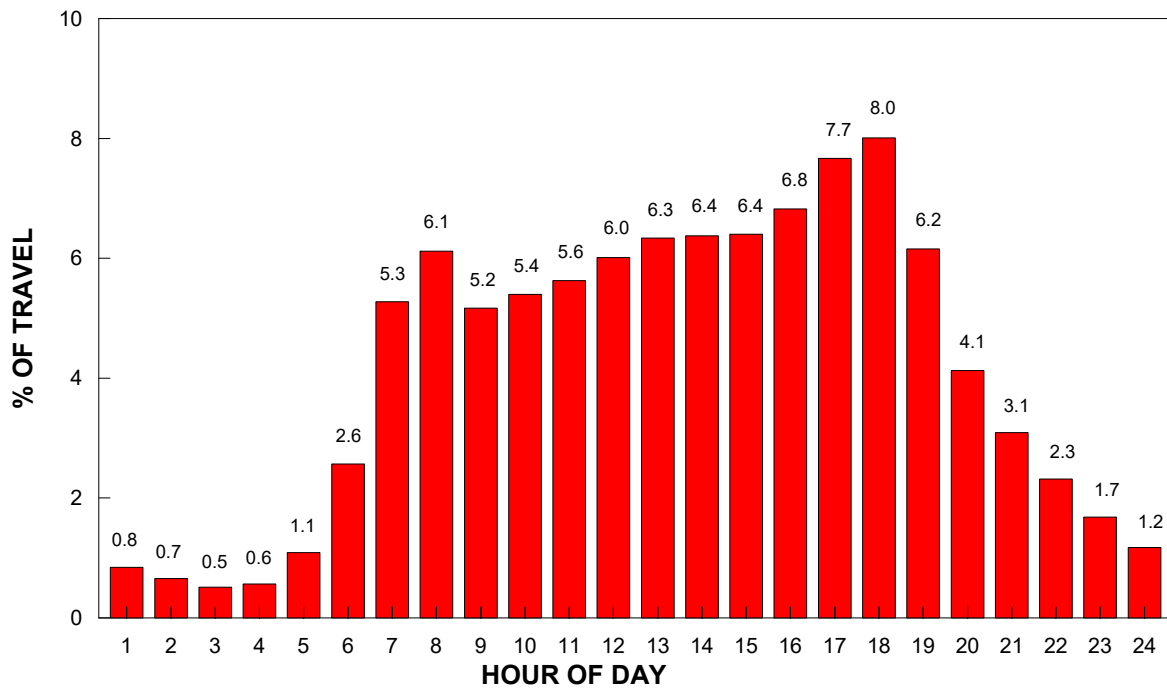


RURAL MINOR ARTERIAL

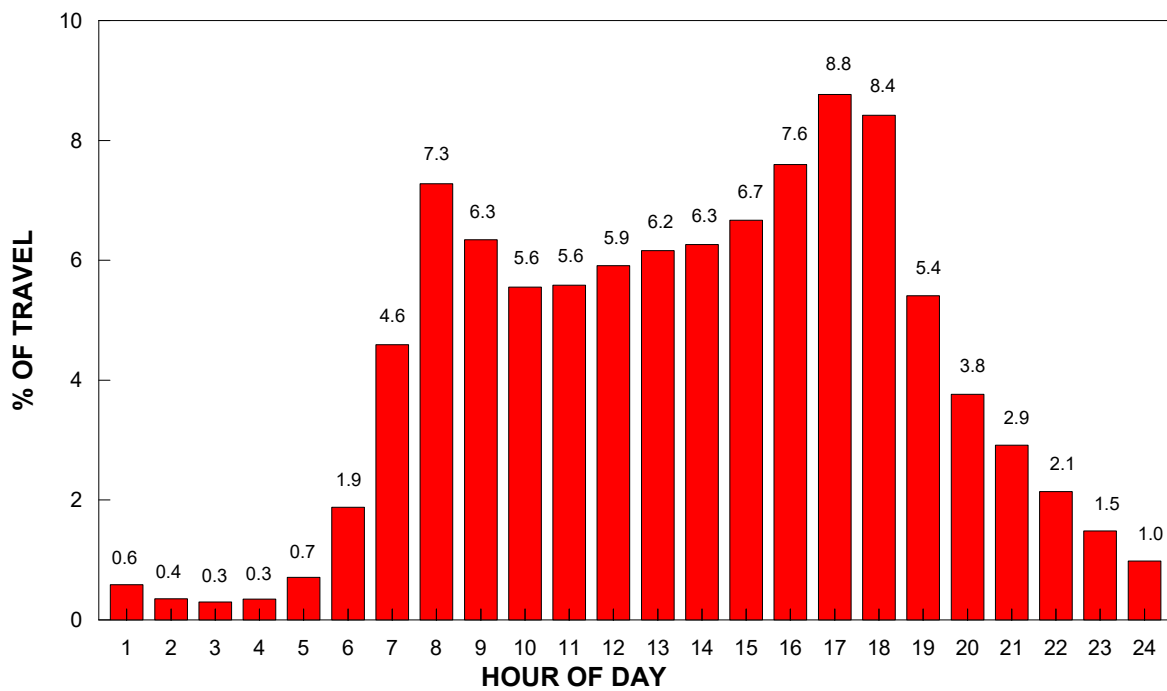


HOURLY DISTRIBUTION OF TRAVEL

RURAL MAJOR COLLECTOR - STATE

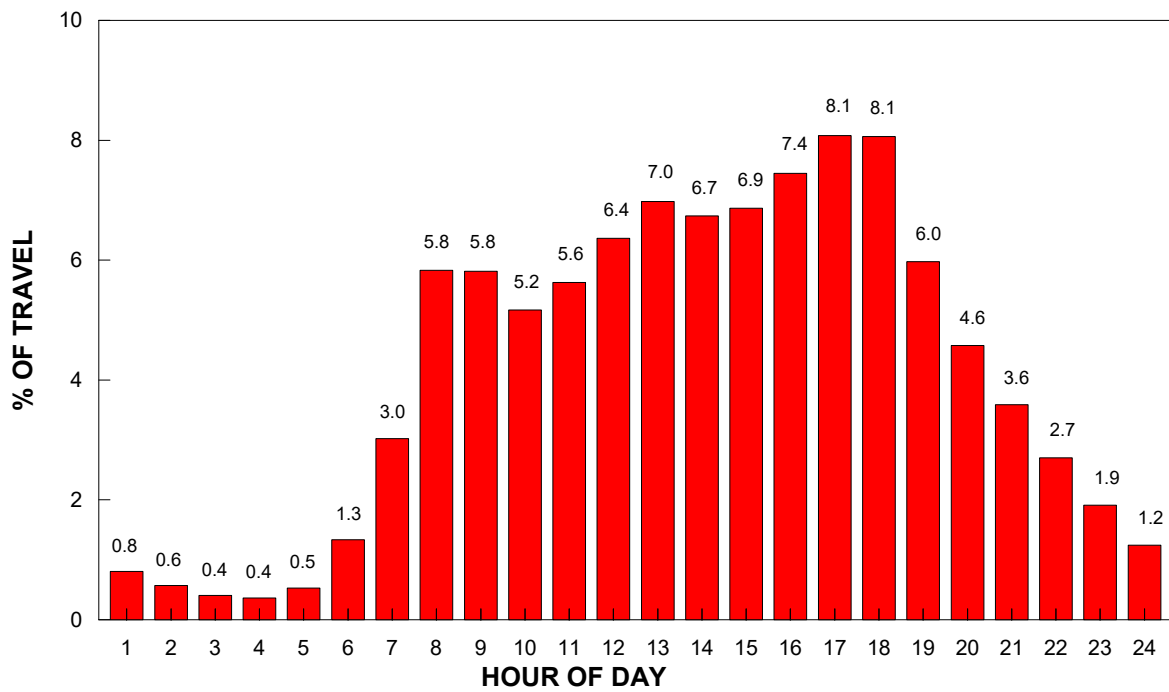


RURAL MAJOR COLLECTOR - COUNTY

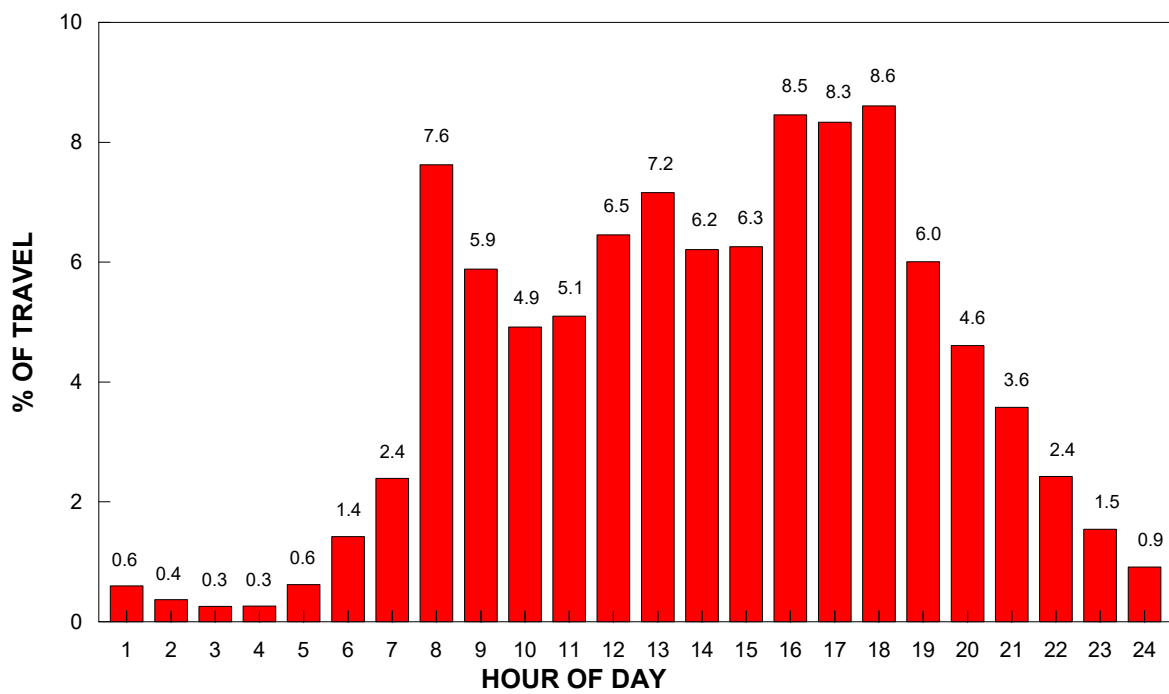


HOURLY DISTRIBUTION OF TRAVEL

URBAN PRINCIPAL ARTERIAL

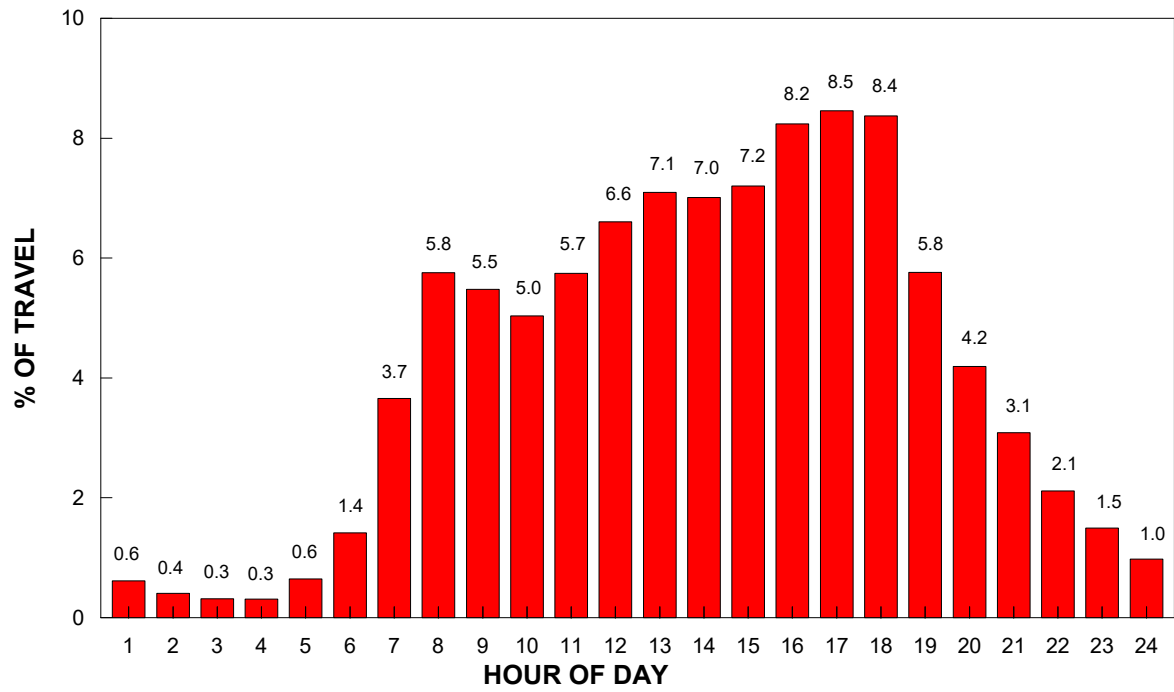


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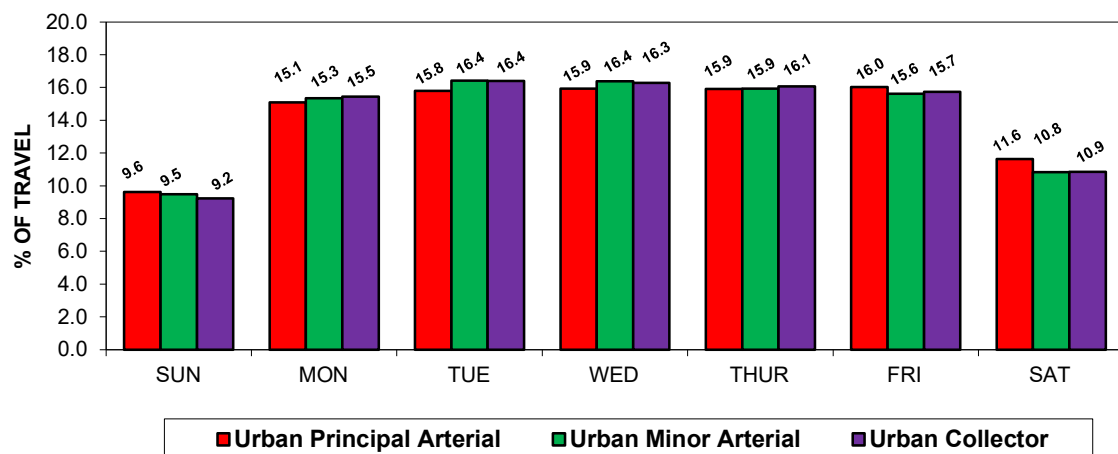
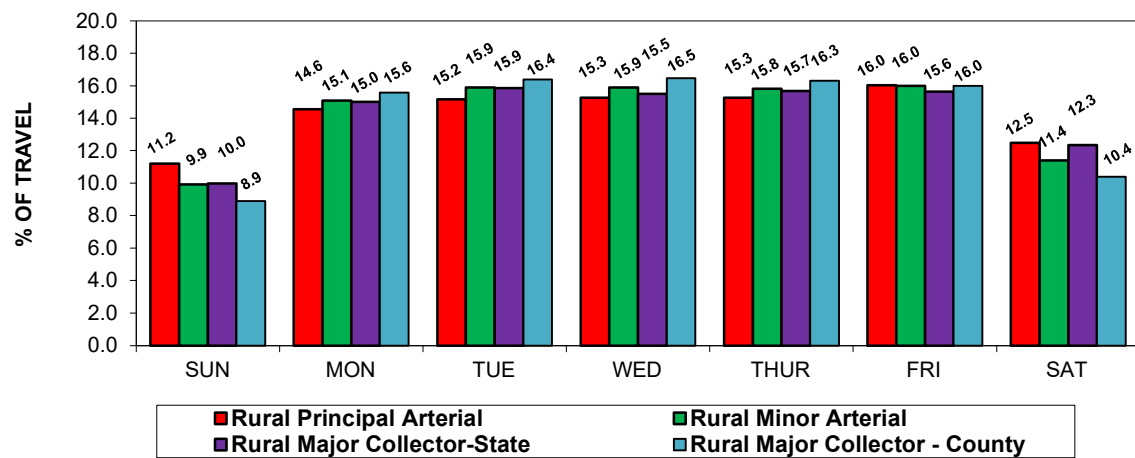
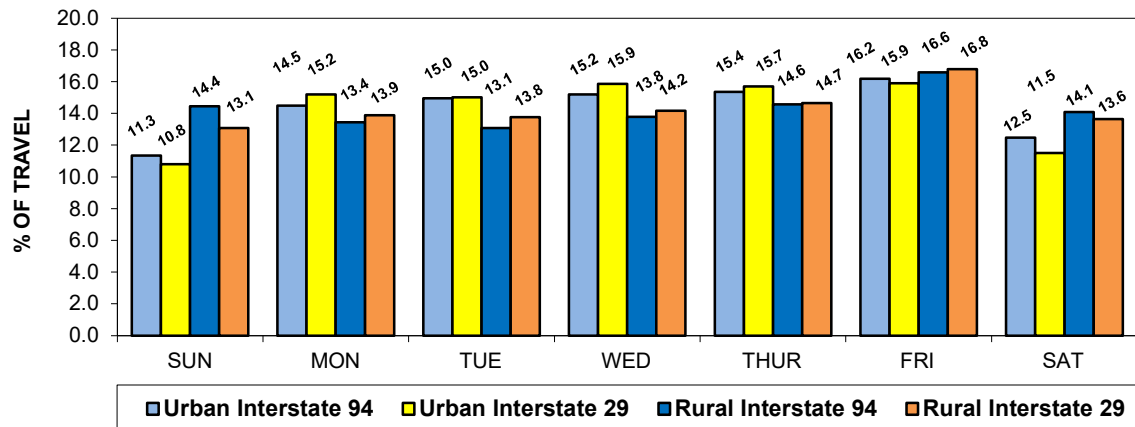
HOURLY DISTRIBUTION OF TRAVEL

URBAN COLLECTOR



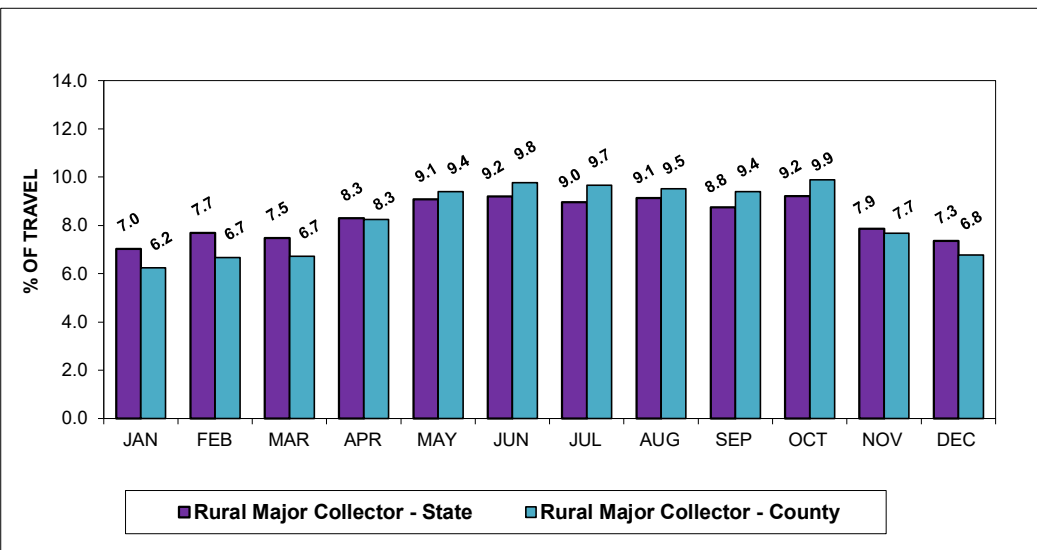
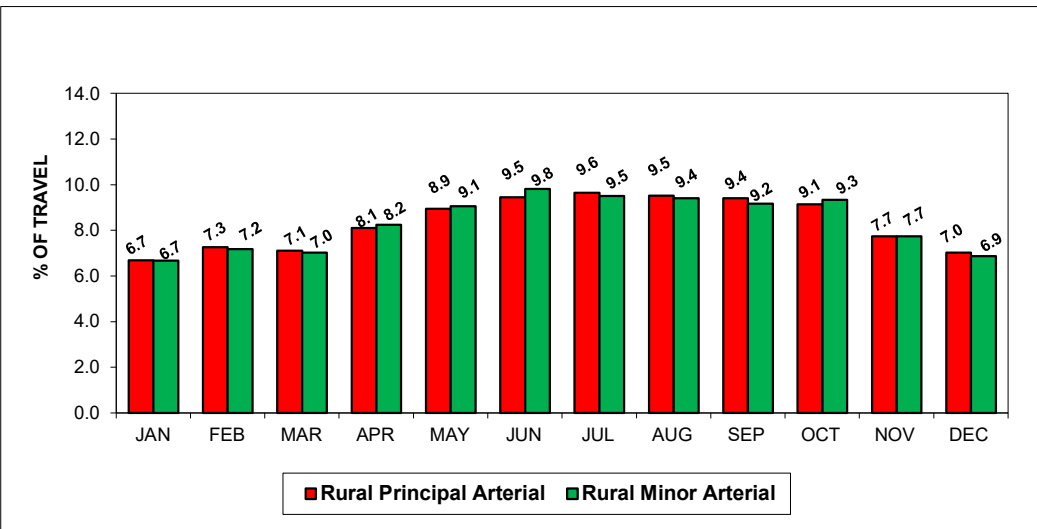
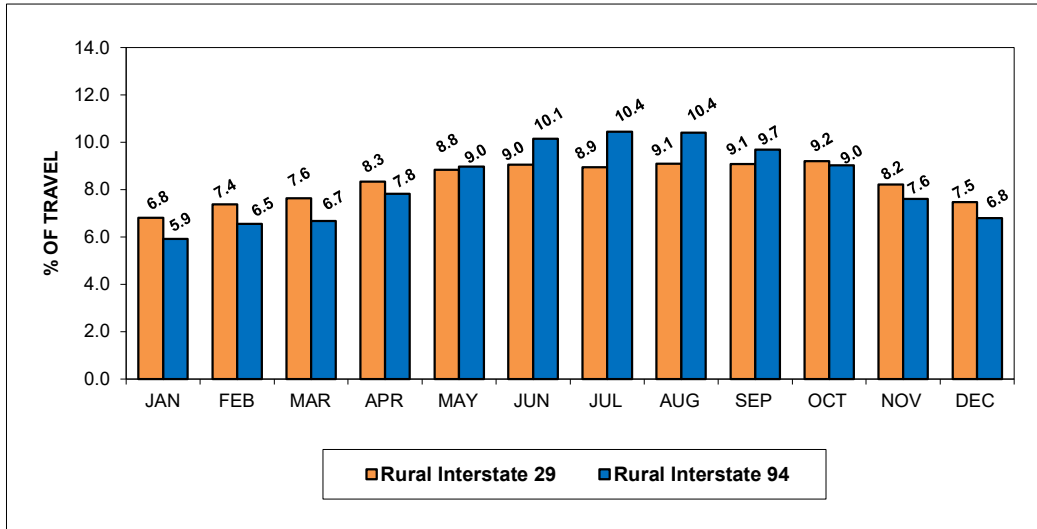
DAILY DISTRIBUTION OF TRAVEL

TOTAL VEHICLES



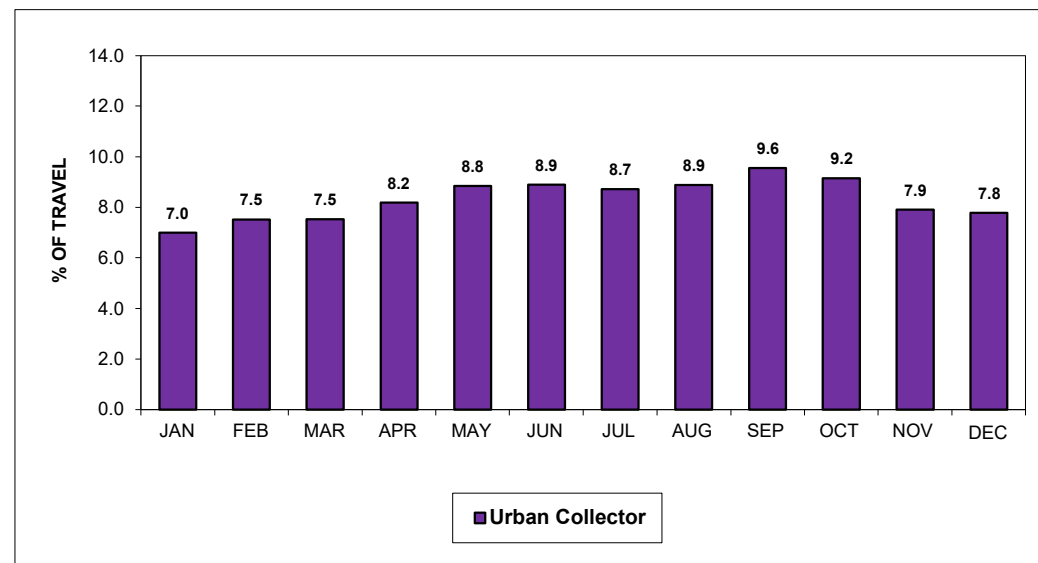
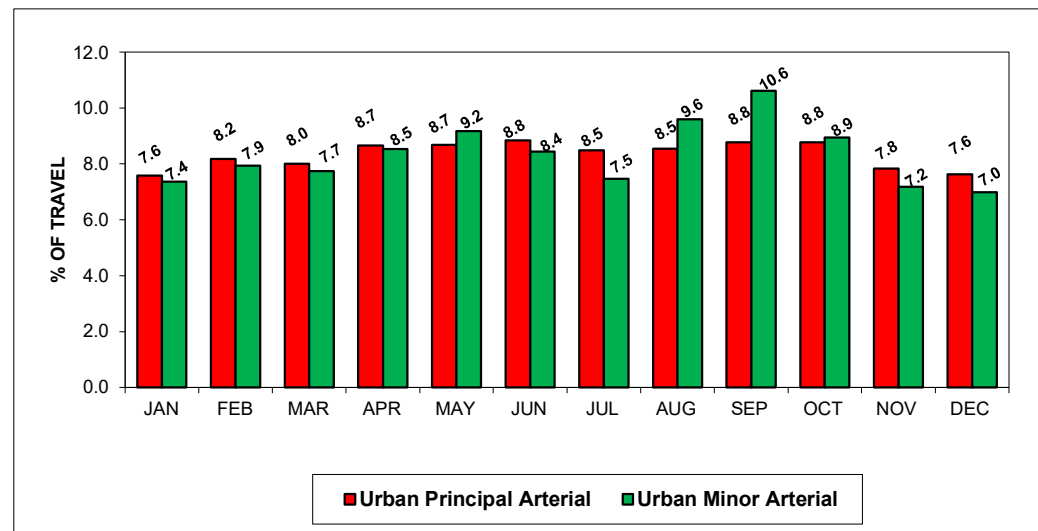
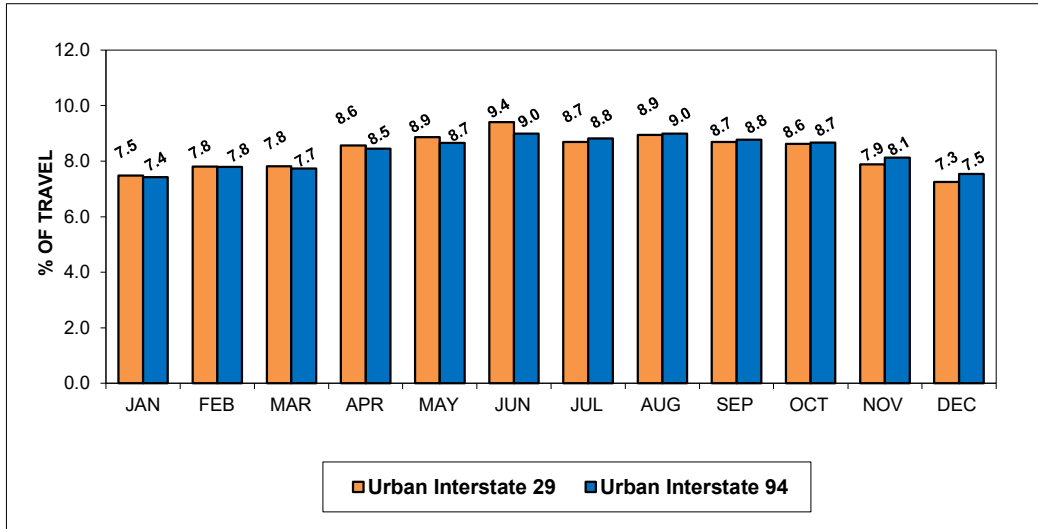
MONTHLY DISTRIBUTION OF ANNUAL TRAFFIC

TOTAL RURAL VEHICLES



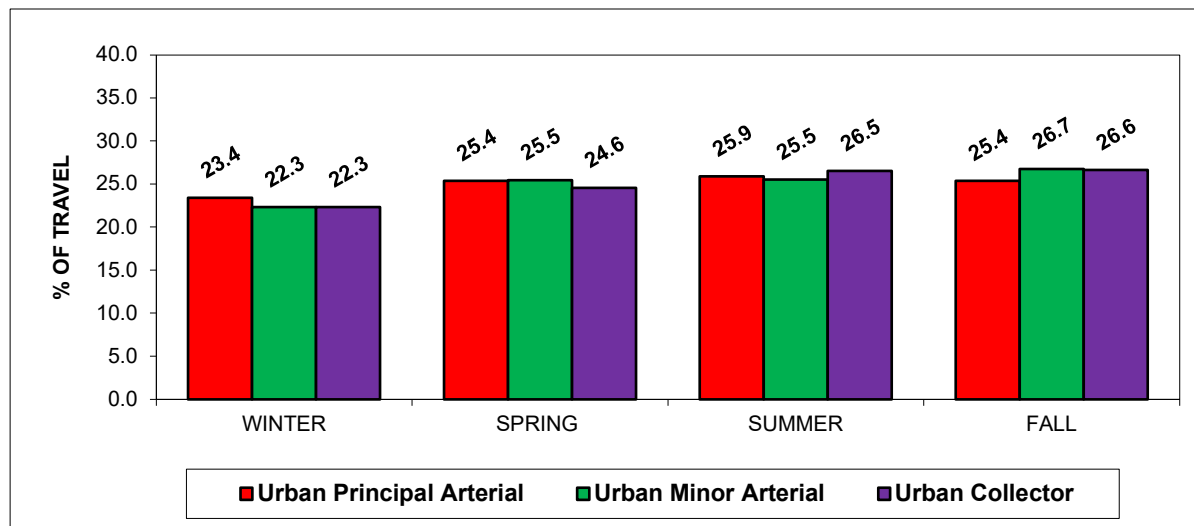
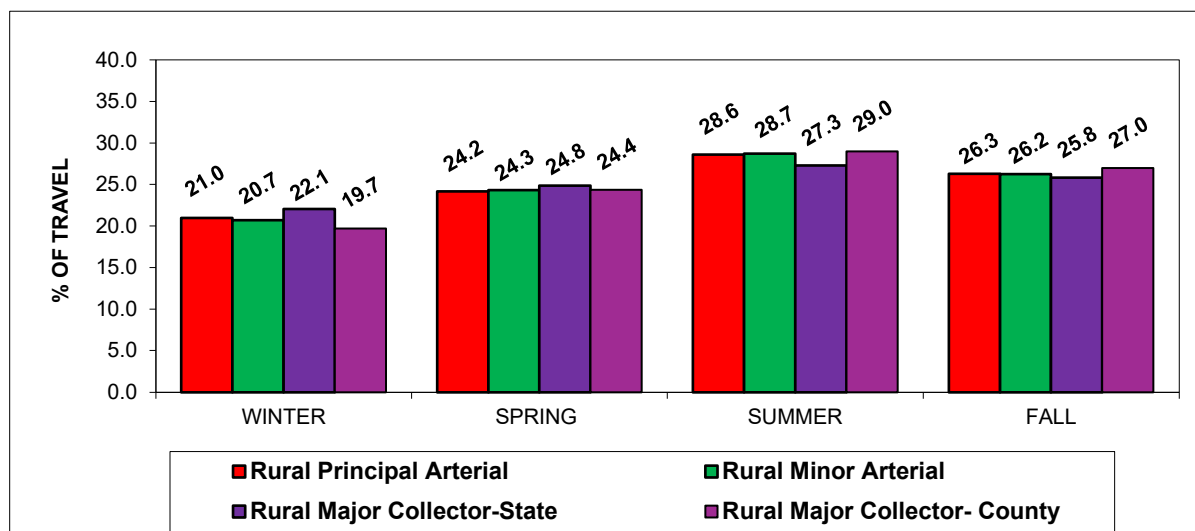
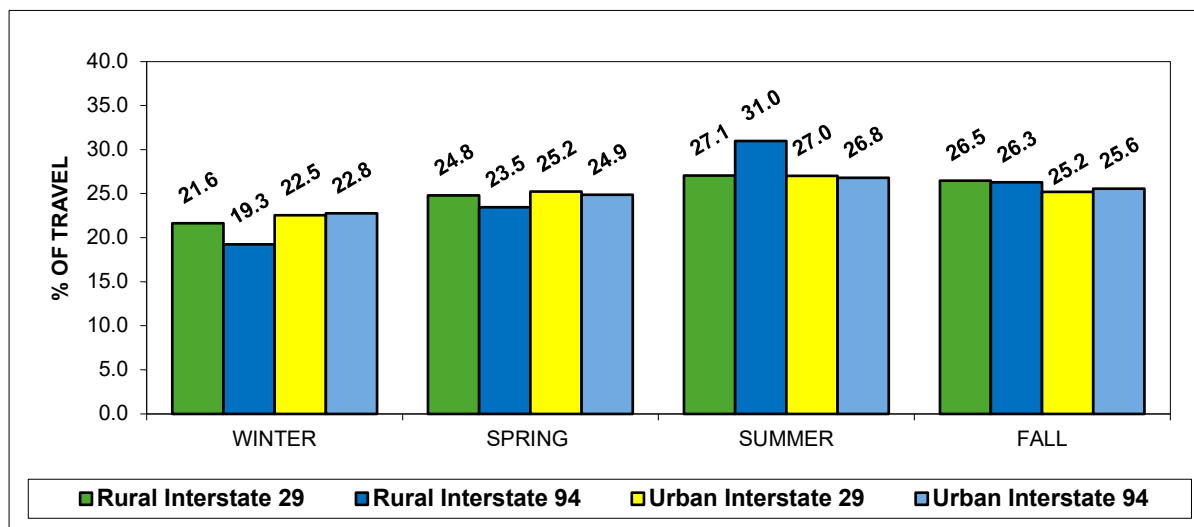
MONTHLY DISTRIBUTION OF ANNUAL TRAFFIC

TOTAL URBAN VEHICLES



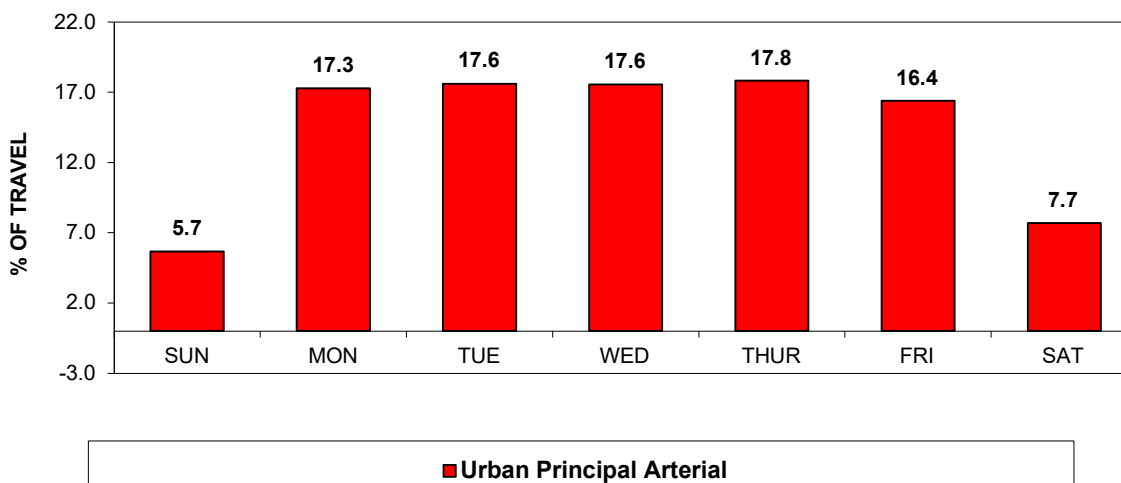
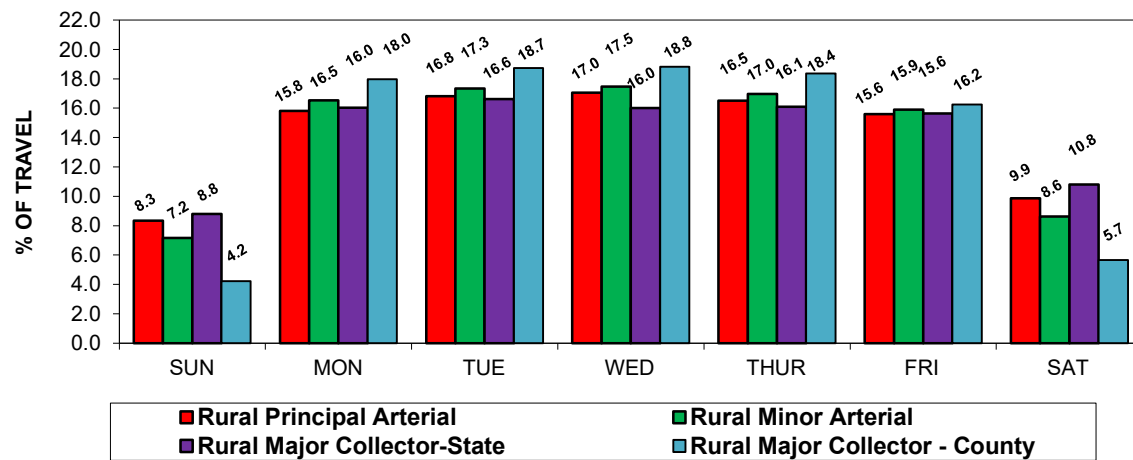
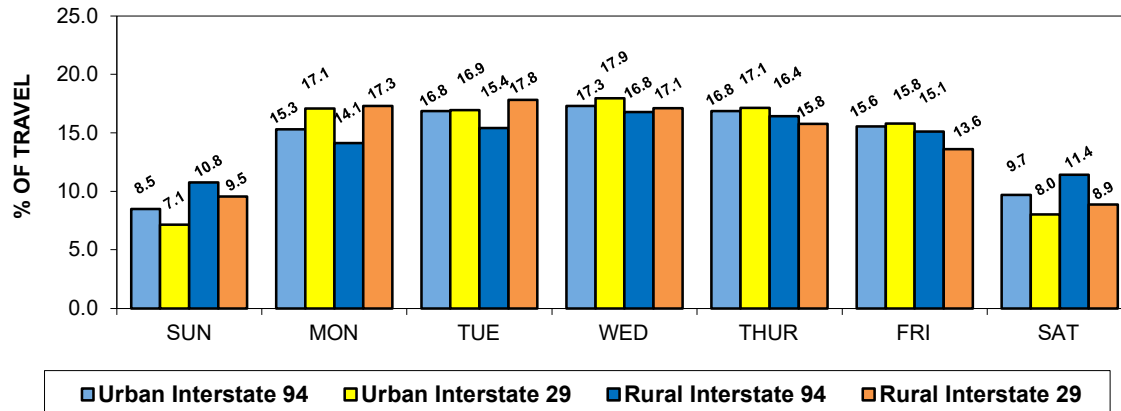
SEASONAL DISTRIBUTION OF TRAVEL

TOTAL VEHICLES



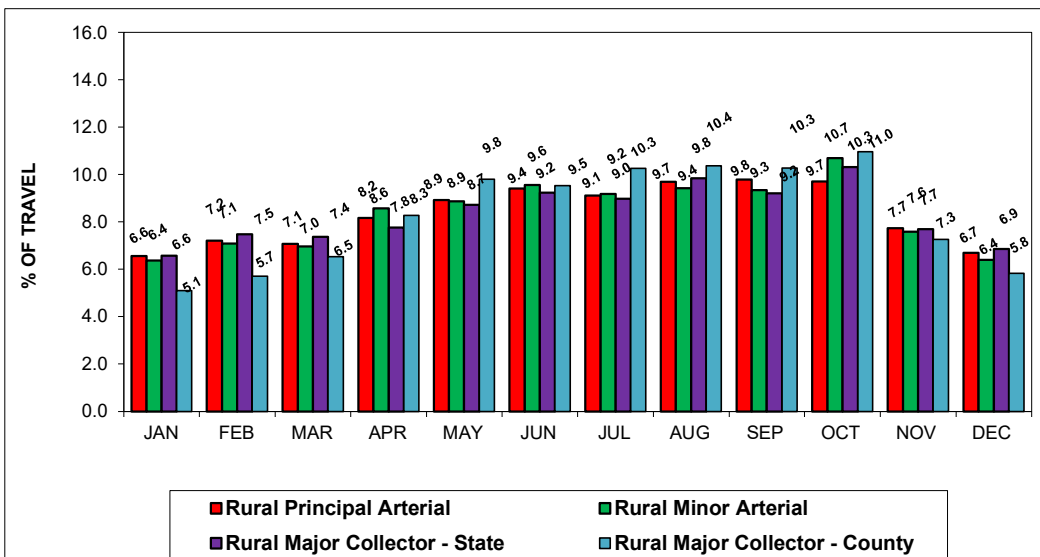
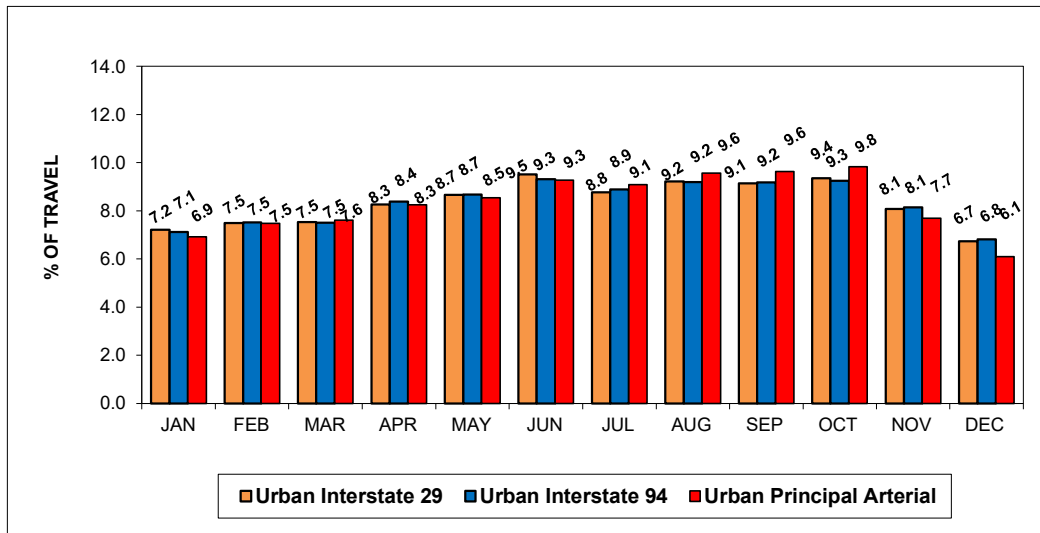
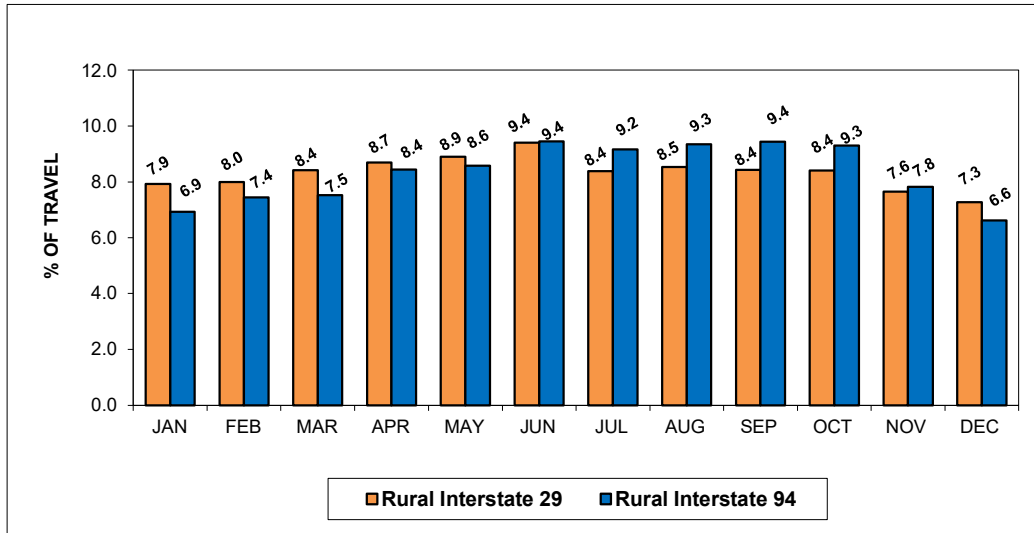
DAILY DISTRIBUTION OF TRAVEL

TOTAL TRUCKS



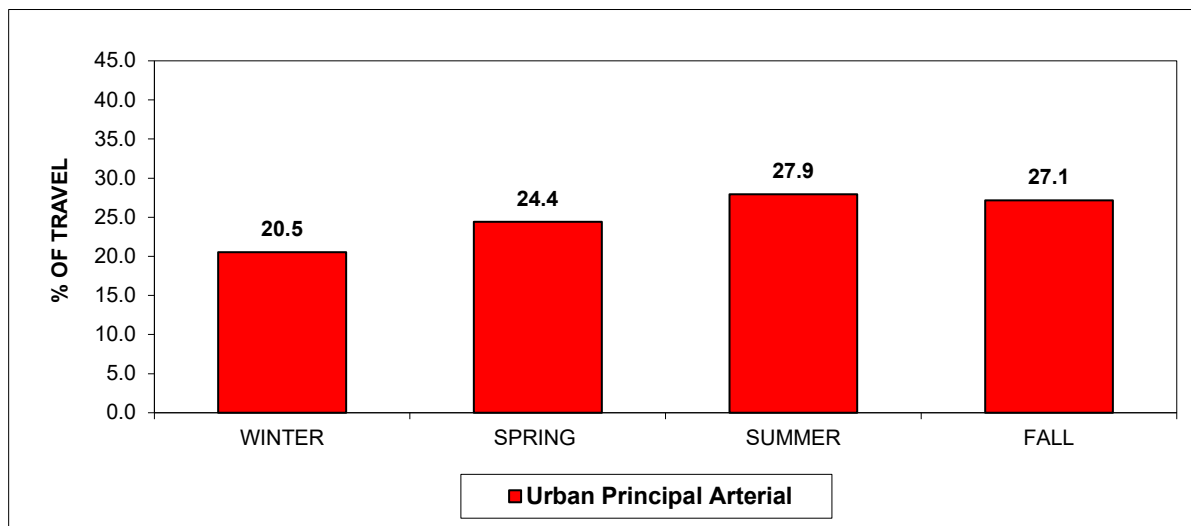
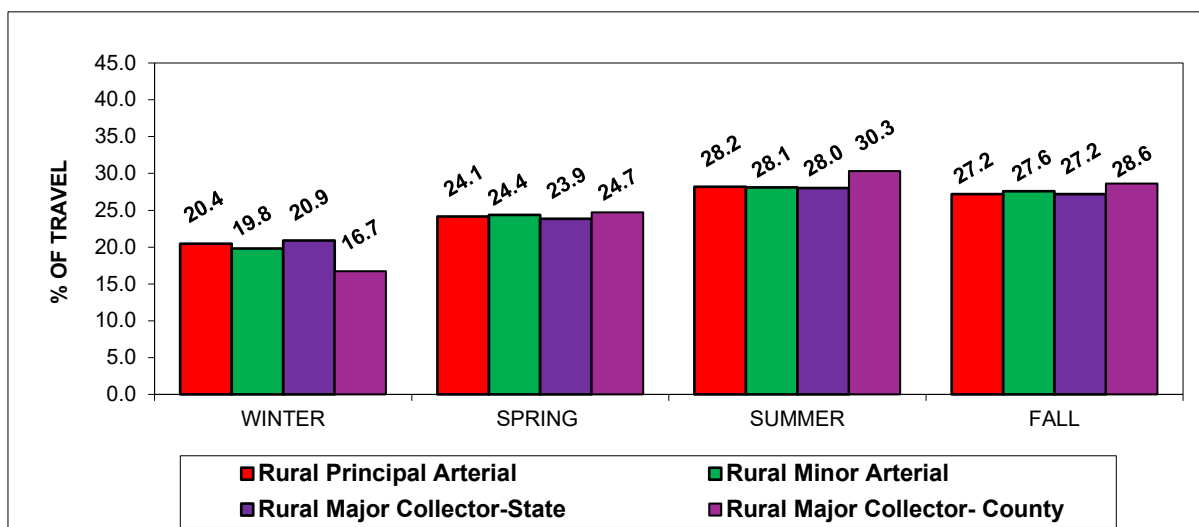
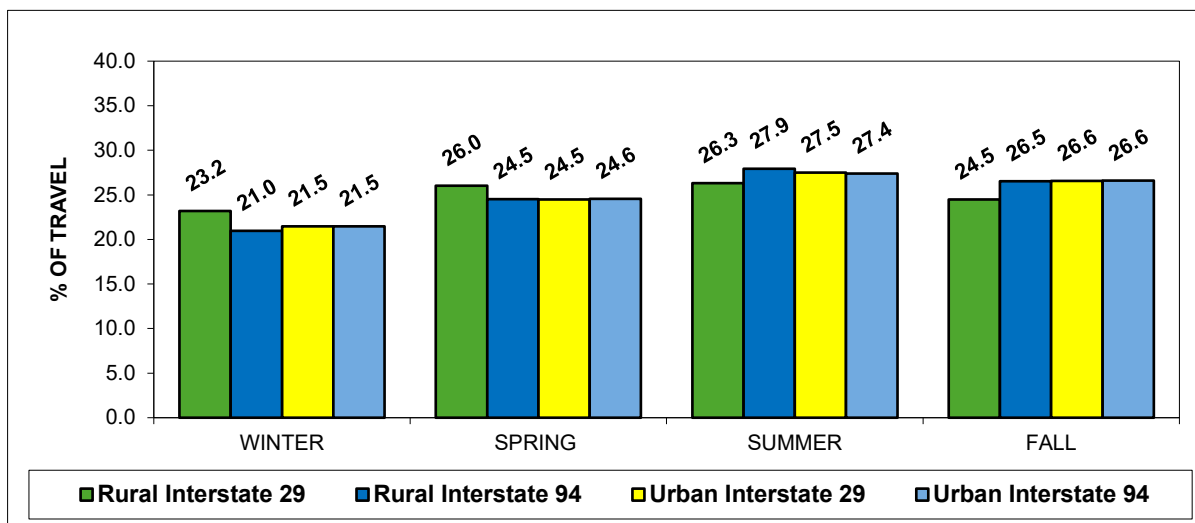
MONTHLY DISTRIBUTION OF ANNUAL TRAFFIC

TOTAL TRUCKS



SEASONAL DISTRIBUTION OF TRAVEL

TOTAL TRUCKS



**PERMANENT STATION
PEAK HOUR & DESIGN HOUR
STATISTICS FOR 2024**

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	4271	713	16.7%	556	13.0%	442	56-44
		WEST	4238	680	16.0%	580	13.7%	513	53-47
223	NEW SALEM	EAST	4318	695	16.1%	491	11.4%	372	57-43
		WEST	4278	544	12.7%	468	10.9%	363	56-44
245	TOWER CITY	EAST	5712	840	14.7%	693	12.1%	486	59-41
		WEST	5721	842	14.7%	697	12.2%	612	53-47
279	PAINTED CANYON	EAST	2462	470	19.1%	335	13.6%	118	74-26
		WEST	2435	471	19.3%	374	15.4%	271	58-42
INTERSTATE RURAL - I-29									
211	BUXTON	NORTH	6540	894	13.7%	685	10.5%	634	52-48
		SOUTH	6567	791	12.0%	669	10.2%	601	53-47
243	BOWESMONT	NORTH	1726	298	17.3%	193	11.2%	128	60-40
		SOUTH	1717	285	16.6%	196	11.4%	133	60-40
265	MOORETON	NORTH	3535	525	14.9%	386	10.9%	303	56-44
		SOUTH	3482	592	17.0%	383	11.0%	314	55-45
285	DAVENPORT	NORTH	6183	768	12.4%	635	10.3%	359	64-36
		SOUTH	6219	855	13.7%	744	12.0%	581	56-44
INTERSTATE URBAN - I-94									
217	FARGO (U)	EAST	35649	4,734	13.3%	4295	12.0%	3208	57-43
		WEST	37154	4,110	11.1%	3997	10.8%	2191	65-35
283	BISMARCK (U)	EAST	12682	1,547	12.2%	1360	10.7%	1099	55-45
		WEST	12833	1,490	11.6%	1347	10.5%	1351	50-50
INTERSTATE URBAN - I-29									
235	FARGO (U)	NORTH	18296	2,259	12.3%	1820	9.9%	1185	61-39
		SOUTH	17426	2,170	12.5%	1905	10.9%	2074	48-52
PRINCIPAL ARTERIAL RURAL									
201	RAY	EAST	2716	331	12.2%	266	9.8%	170	61-39
		WEST	2722	347	12.7%	280	10.3%	240	54-46
203	MAX	NORTH	2472	524	21.2%	344	13.9%	242	59-41
		SOUTH	2444	411	16.8%	322	13.2%	185	64-36
205	GWINNER	EAST	510	124	24.3%	110	21.6%	16	87-13
		WEST	523	143	27.3%	127	24.3%	31	80-20
215	JAMESTOWN	EAST	1697	205	12.1%	178	10.5%	113	61-39
		WEST	1676	207	12.4%	169	10.1%	127	57-43
219	MANDAN	NORTH	970	178	18.4%	117	12.1%	91	56-44

**PERMANENT STATION
PEAK HOUR & DESIGN HOUR
STATISTICS FOR 2024**

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									
219	MANDAN	SOUTH	968	176	18.2%	129	13.3%	98	57-43
221	FAIRFIELD	NORTH	1532	199	13.0%	166	10.8%	61	73-27
		SOUTH	1555	1,265	81.4%	205	13.2%	94	69-31
229	COOPERSTOWN	EAST	468	140	29.9%	61	13.0%	48	56-44
		WEST	449	194	43.2%	59	13.1%	31	66-34
233	FOXHOLM	EAST	1131	148	13.1%	110	9.7%	69	61-39
		WEST	1134	119	10.5%	89	7.8%	69	56-44
237	NEKOMA	NORTH	433	113	26.1%	65	15.0%	5	93-7
		SOUTH	427	72	16.9%	58	13.6%	35	62-38
239	NEW TOWN	EAST	2575	295	11.5%	268	10.4%	312	46-54
		WEST	2664	366	13.7%	293	11.0%	286	51-49
241	BOTTINEAU	EAST	641	136	21.2%	95	14.8%	86	52-48
		WEST	667	140	21.0%	86	12.9%	37	70-30
251	HAGUE	NORTH	435	75	17.2%	56	12.9%	37	60-40
		SOUTH	433	80	18.5%	55	12.7%	56	50-50
253	RUGBY	EAST	1433	228	15.9%	169	11.8%	170	50-50
		WEST	1442	242	16.8%	179	12.4%	149	55-45
255	CROSBY	EAST	393	108	27.5%	53	13.5%	42	56-44
		WEST	403	123	30.5%	54	13.4%	30	64-36
257	WILLISTON	EAST	990	163	16.5%	108	10.9%	104	51-49
		WEST	970	212	21.9%	129	13.3%	82	61-39
261	CARRINGTON	NORTH	838	188	22.4%	111	13.2%	47	70-30
		SOUTH	838	220	26.3%	99	11.8%	55	64-36
271	GOLDEN VALLEY	EAST	511	111	21.7%	62	12.1%	61	50-50
		WEST	517	129	25.0%	65	12.6%	35	65-35
273	NEW LEIPZIG	EAST	205	28	13.7%	17	8.3%	16	52-48
		WEST	205	27	13.2%	17	8.3%	9	65-35
281	SAWYER	EAST	2320	318	13.7%	226	9.7%	136	62-38
		WEST	2322	356	15.3%	320	13.8%	97	77-23
299	KILLDEER200W	EAST	1113	177	15.9%	133	11.9%	118	53-47
		WEST	1127	164	14.6%	134	11.9%	94	59-41
303	MICHIGAN	EAST	1983	456	23.0%	312	15.7%	202	61-39
		WEST	1981	410	20.7%	295	14.9%	168	64-36
307	WASHBURN	NORTH	2719	278	10.2%	201	7.4%	248	45-55
		SOUTH	2719	354	13.0%	296	10.9%	194	60-40
309	NEWTOWN EAST	EAST	2264	410	18.1%	351	15.5%	156	69-31

**PERMANENT STATION
PEAK HOUR & DESIGN HOUR
STATISTICS FOR 2024**

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									
309	NEWTOWN EAST	WEST	2255	295	13.1%	270	12.0%	74	78-22
311	WILLISTON 2N	EAST	4670	577	12.4%	488	10.4%	347	58-42
		WEST	4672	632	13.5%	567	12.1%	405	58-42
315	RYDER E23	EAST	1119	199	17.8%	171	15.3%	63	73-27
		WEST	1125	168	14.9%	144	12.8%	24	86-14
337	BLAISDELL E2	EAST	2158	426	19.7%	337	15.6%	153	69-31
		WEST	2192	382	17.4%	339	15.5%	53	86-14
339	GRASSY BUTTE	NORTH	1818	218	12.0%	193	10.6%	166	54-46
		SOUTH	1813	249	13.7%	216	11.9%	121	64-36
341	ALEXANDER85W	NORTH	3349	405	12.1%	355	10.6%	273	57-43
		SOUTH	3353	406	12.1%	347	10.3%	268	56-44
343	WATFORD E23	EAST	2099	408	19.4%	352	16.8%	92	79-21
		WEST	2084	365	17.5%	299	14.3%	186	62-38
345	WILLIAMS N85	NORTH	1298	205	15.8%	161	12.4%	93	63-37
		SOUTH	1263	232	18.4%	165	13.1%	113	59-41
349	BEULAH S49	NORTH	770	137	17.8%	99	12.9%	74	57-43
		SOUTH	775	134	17.3%	104	13.4%	60	63-37
351	COLUMBUS W5	EAST	271	56	20.7%	41	15.1%	26	61-39
		WEST	279	76	27.2%	42	15.1%	27	61-39
353	GRANVILLE E2	EAST	1395	222	15.9%	178	12.8%	147	55-45
		WEST	1393	237	17.0%	181	13.0%	150	55-45
355	MOHALL W5	EAST	393	76	19.3%	54	13.7%	38	59-41
		WEST	393	75	19.1%	55	14.0%	37	60-40
419	EMERADO W2	EAST	3176	502	15.8%	364	11.5%	258	59-41
		WEST	3191	571	17.9%	414	13.0%	247	63-37
423	HARVEY N3	NORTH	316	75	23.7%	46	14.6%	20	70-30
		SOUTH	313	78	24.9%	42	13.4%	34	55-45
429	LAKOTA S1	NORTH	290	134	46.2%	49	16.9%	17	74-26
		SOUTH	294	118	40.1%	52	17.7%	27	66-34
447	DUNSEITH E	NORTH	1340	240	17.9%	148	11.0%	96	61-39
		SOUTH	1365	270	19.8%	181	13.3%	118	61-39
449	SHEYENNE N	NORTH	531	116	21.8%	75	14.1%	24	76-24
		SOUTH	527	139	26.4%	77	14.6%	47	62-38
MINOR ARTERIAL RURAL									
231	GRAFTON	EAST	1189	226	19.0%	155	13.0%	93	63-38
		WEST	1193	421	35.3%	169	14.2%	123	58-42

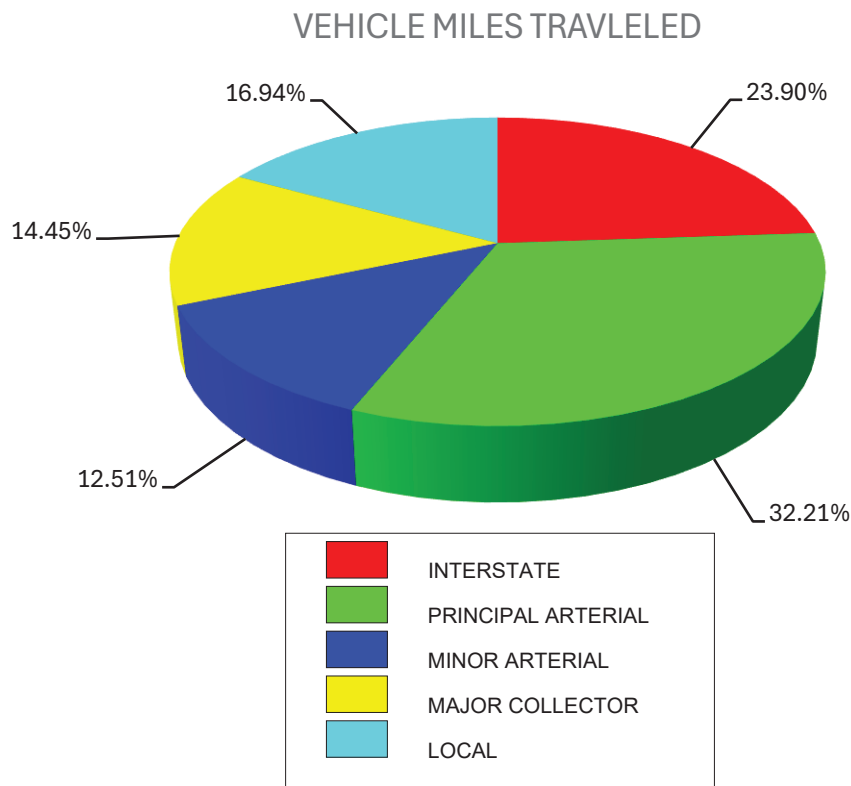
**PERMANENT STATION
PEAK HOUR & DESIGN HOUR
STATISTICS FOR 2024**

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
MINOR ARTERIAL RURAL									
247	COURTENAY	NORTH	223	54	24.2%	36	16.1%	24	60-40
		SOUTH	216	46	21.3%	31	14.4%	19	62-38
249	GARRISON	EAST	865	189	21.8%	136	15.7%	94	59-41
		WEST	874	191	21.9%	140	16.0%	81	63-37
275	HANNOVER	NORTH	379	140	36.9%	62	16.4%	42	60-40
		SOUTH	376	84	22.3%	60	16.0%	51	54-46
289	MANNING	NORTH	2385	476	20.0%	421	17.7%	60	88-12
		SOUTH	2358	478	20.3%	411	17.4%	192	68-32
291	MARMARTH	EAST	345	72	20.9%	54	15.7%	22	71-29
		WEST	347	76	21.9%	56	16.1%	16	78-22
293	KILLDEER	NORTH	1746	377	21.6%	273	15.6%	78	78-22
		SOUTH	1724	348	20.2%	276	16.0%	113	71-29
295	NECHE	NORTH	181	50	27.6%	29	16.0%	28	51-49
		SOUTH	189	48	25.4%	31	16.4%	20	61-39
373	DICKINSON22S	NORTH	901	141	15.6%	108	12.0%	78	58-42
		SOUTH	906	136	15.0%	114	12.6%	109	51-49
453	OAKES S1	NORTH	633	108	17.1%	84	13.3%	79	52-48
		SOUTH	628	113	18.0%	86	13.7%	64	57-43
461	THOMPSON W15	EAST	823	120	14.6%	101	12.3%	45	69-31
		WEST	760	136	17.9%	111	14.6%	82	58-42
727	ENDERLIN E46	EAST	989	157	15.9%	118	11.9%	130	48-52
		WEST	970	171	17.6%	127	13.1%	67	65-35
759	WILTON E36	EAST	375	75	20.0%	59	15.7%	30	66-34
		WEST	354	77	21.8%	52	14.7%	38	58-42
MAJOR COLLECTOR - COUNTY									
103	MINOT46AV NE	EAST	709	157	22.1%	123	17.3%	85	59-41
		WEST	701	142	20.3%	120	17.1%	73	62-38
225	STERLING	EAST	419	146	34.8%	73	17.4%		-
259	AYR	EAST	214	152	71.0%	35	16.4%	39	47-53
		WEST	212	53	25.0%	36	17.0%	40	47-53
		EAST & WEST	426	152	35.7%	63	14.8%		
277	REGENT	NORTH	152	44	28.9%	26	17.1%	16	62-38
		SOUTH	155	45	29.0%	28	18.1%	9	76-24
		NORTH & SOUTH	307	89	29.0%	47	15.3%		
MAJOR COLLECTOR - STATE									
267	TRENTON	NORTH	2022	223	11.0%	200	9.9%	145	58-42

**PERMANENT STATION
PEAK HOUR & DESIGN HOUR
STATISTICS FOR 2024**

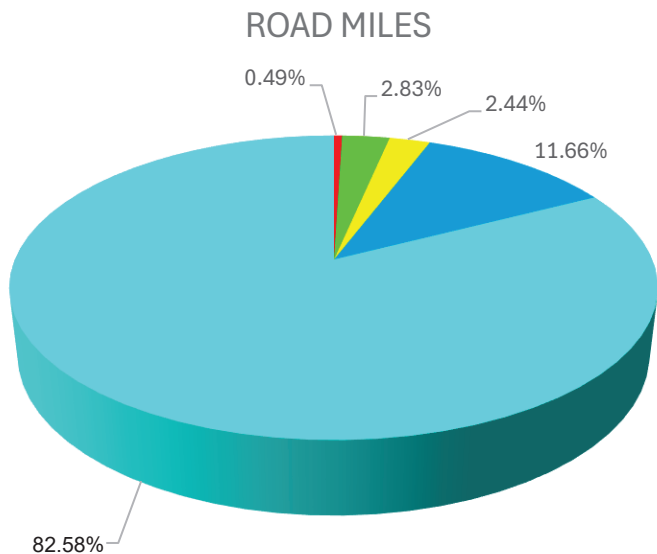
STATION NUMBER	STATION NAME	DIRECTION	ANNUAL AVERAGE DAILY TRAFFIC (AADT)	----- PEAK HOUR -----		----- DESIGN HOUR -----			
				VOLUME	% OF AADT	VOLUME	% OF AADT	VOLUME OPPOSITE DIR	DIRECTIONAL DISTRIBUTION
MAJOR COLLECTOR - STATE									
267	TRENTON	SOUTH	2235	311	13.9%	263	11.8%	173	60-40
389	TIOGA S40	NORTH	1761	229	13.0%	209	11.9%	132	61-39
		SOUTH	2125	321	15.1%	254	12.0%	125	67-33
783	KULM S56	NORTH	89	31	34.8%	18	20.2%	10	64-36
		SOUTH	93	28	30.1%	19	20.4%	7	73-27
PRINCIPAL ARTERIAL URBAN									
287	GRAND FORKS	NORTH	10880	1,180	10.8%	1096	10.1%	1197	48-52
		SOUTH	10859	1,217	11.2%	1054	9.7%	974	52-48
297	WILLISTON NW	NORTH	2330	300	12.9%	268	11.5%	212	56-44
		SOUTH	2361	290	12.3%	252	10.7%	220	53-47
501	FARGO (U)	NORTH	11386	1,332	11.7%	1256	11.0%	914	58-42
		SOUTH	12932	1,628	12.6%	1464	11.3%	1041	58-42
		NORTH & SOUTH	24318	2,645	10.9%	2500	10.3%		
503	BISMARCK (U)	WEST	6886	628	9.1%	547	7.9%		-
513	WFARGO MAIN (U)	EAST	3144	837	26.6%	423	13.5%	284	60-40
		WEST	2952	646	21.9%	450	15.2%	345	57-43
603	WILLISTON (U)	EAST	3413	412	12.1%	375	11.0%	354	51-49
		WEST	3501	404	11.5%	368	10.5%	383	49-51
		EAST & WEST	6914	779	11.3%	725	10.5%		
605	MANDAN (U)	EAST	9022	938	10.4%	885	9.8%	611	59-41
		WEST	9446	1,219	12.9%	1080	11.4%	808	57-43
		EAST & WEST	18468	2,102	11.4%	1902	10.3%		
MINOR ARTERIAL-URBAN									
607	DICKINSON (U)	EAST	1647	389	23.6%	298	18.1%	190	61-39
		WEST	1699	402	23.7%	304	17.9%	156	66-34
		EAST & WEST	3346	608	18.2%	540	16.1%		
611	MINOT (U)	EAST	984	214	21.7%	166	16.9%	91	65-35
		WEST	1043	236	22.6%	159	15.2%	149	52-48
		EAST & WEST	2027	389	19.2%	302	14.9%		
COLLECTOR URBAN									
101	MINOT55ST NE	NORTH	1173	200	17.1%	150	12.8%	109	58-42
		SOUTH	1161	249	21.4%	173	14.9%	127	58-42
609	MINOT (U)	EAST	1207	253	21.0%	148	12.3%	68	69-31
		WEST	1144	245	21.4%	149	13.0%	95	61-39
		EAST & WEST	2351	392	16.7%	284	12.1%		

2024 COMPARISON OF VEHICLE MILES TO RURAL ROAD MILES



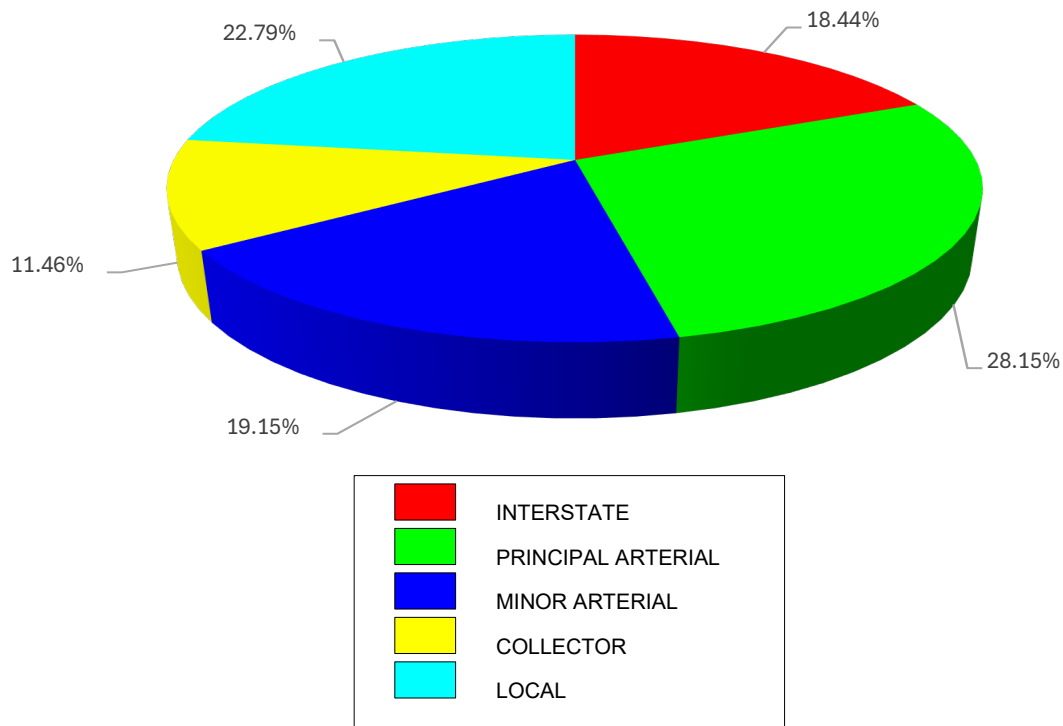
Interesting Facts:

- Local roads comprise about 83% of the roads in the state but only carry about 17% of the traffic.
- Interstates comprise less than 1% of the roads but carry around 24% of the traffic.
- Principal Arterials comprise less than 3% of the roads but carry about 32% of the traffic.



2024 COMPARISON OF VEHICLE MILES TO URBAN ROAD MILES

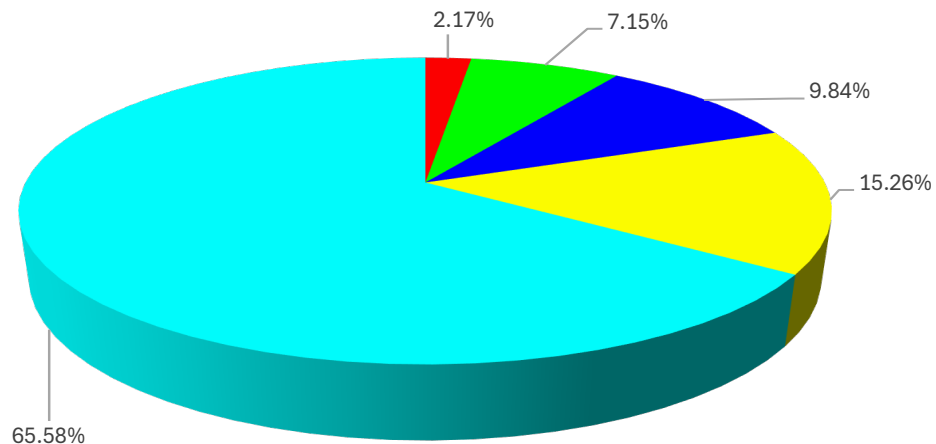
VEHICLE MILES TRAVELED



Interesting Facts:

-Local roads comprise about 66% of the urban roads in the state but only carry about 23% of the traffic.

ROAD MILES



**NORTH DAKOTA DEPARTMENT OF TRANSPORTATION
SUMMARY OF 2024 EXISTING MILEAGE OF NORTH DAKOTA ROADS AND
STREETS
CLASSIFIED BY SYSTEMS**

SURFACED MILEAGE				UNSURFACED MILEAGE		NHS	
HARD SURFACES				HARD SURFACES			
SYSTEM	BITUMINOUS	CONCRETE	GRAVEL	GRADED/ DRAINED	UNIMPROVED ROADS	TOTALS	
STATE							
INTERSTATE RURAL	227.1	277.8	0.0	0.0	0.0	504.9	504.9
INTERSTATE URBAN	23.8	42.2	0.0	0.0	0.0	66.0	66.0
TOTAL	250.9	320.0	0.0	0.0	0.0	570.9	570.9
PRINCIPAL ARTERIAL RURAL	2,778.2	160.7	0.0	0.0	0.0	2,938.9	2,938.9
PRINCIPAL ARTERIAL URBAN	99.6	64.5	0.0	0.0	0.0	164.1	164.1
TOTAL	2,877.8	225.2	0.0	0.0	0.0	3,103.0	3,103.0
MINOR ARTERIAL RURAL	2,521.4	1.9	0.0	0.0	0.0	2,523.3	
MINOR ARTERIAL URBAN	15.0	3.3	0.0	0.0	0.0	18.3	
TOTAL	2,536.4	5.2	0.0	0.0	0.0	2,541.6	
MAJOR COLLECTOR	1,138.8	17.2	0.0	0.0	0.0	1,156.0	
TOTAL	1,138.8	17.2	0.0	0.0	0.0	1,156.0	
LOCAL RURAL	38.7	0.6	0.6	0.0	0.0	40.2	
LOCAL URBAN	3.7	0.0	0.0	0.0	0.0	3.4	
TOTAL	42.4	0.0	0.6	0.0	0.0	43.6	
TOTAL STATE HIGHWAY SYSTEM	6,846.3	568.2	0.6	0.0	0.0	7,415.1	3,673.9
COUNTY	PAVED		GRAVEL	GRADED/ DRAINED	UNIMPROVED ROADS	TOTALS	
MAJOR COLLECTOR RURAL	4,739.5		5,989.9	0.8	3.2	10,733.4	
MAJOR COLLECTOR CITY	194.0		42.6	0.0	0.0	236.6	
TOTAL	4,933.5		6,032.5	0.8	3.2	10,970.0	
PRINCIPAL ARTERIAL RURAL	2.7		0.0	0.0	0.0	2.7	2.7
TOTAL	2.7		0.0	0.0	0.0	2.7	
MINOR ARTERIAL RURAL	12.4		0.0	0.0	0.0	12.4	
MINOR ARTERIAL CITY	3.0		0.0	0.0	0.0	3.0	
TOTAL	15.4		0.0	0.0	0.0	15.4	
LOCAL RURAL ROADS	1,127.1		50,705.6	8,370.8	23,464.4	83,667.9	
LOCAL ROADS CITY	1,188.0		855.3	41.2	69.8	2,154.3	
TOTAL	2,315.1		51,560.9	8,412.0	23,534.2	85,822.2	
TOTAL COUNTY SYSTEM	7,266.7		57,593.4	8,412.8	23,537.4	96,810.3	
URBAN							
PRINCIPAL ARTERIAL	52.3		0.8	0.0	0.0	53.1	44.9
MINOR ARTERIAL	276.3		4.3	0.0	0.0	280.6	
COLLECTOR	446.7		14.9	0.0	0.0	461.6	
LOCAL	1,672.4		283.1	16.4	16.4	1,988.3	
TOTAL URBAN SYSTEM	2,447.7		303.1	16.4	16.4	2,783.6	
TOTAL RURAL ROADS	13,017.8		56,862.1	8,379.3	23,474.9	101,734.1	
TOTAL CITY STREETS	4,103.2		1,023.0	49.6	77.5	5,253.3	
TOTAL	17,121.0		57,885.1	8,428.9	23,552.4	106,987.4	
TOTAL NHS							3,721.5

FUNCTIONAL CLASS SYSTEM

SYSTEM	RURAL	URBAN	TOTAL
INTERSTATE	504.9	66.0	570.9
PRINCIPAL	2,941.6	217.3	3,158.9
MINOR	2,538.7	298.8	2,837.5
COLLECTOR	12,124.0	463.5	12,587.5
LOCAL	85,842.6	1,991.9	87,834.5
TOTAL	103,951.8	3,037.5	106,989.3

2024 URBAN ANNUAL VEHICLE MILES OF TRAVEL BY FUNCTIONAL CLASS

(VEHICLE MILES OF TRAVEL SHOWN IN THOUSANDS)

CITY	INTERSTATE	PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	LOCAL STREETS	TOTAL
BISMARCK	51,426	227,859	94,059	69,348	96,567	465,535
DEVILS LAKE		13,368	4,593	5,181	4,655	27,798
DICKINSON	17,506	31,368	32,157	14,055	32,206	127,294
FARGO	287,927	186,989	194,165	92,973	269,297	1,031,354
GRAND FORKS	37,891	115,968	56,862	35,263	63,085	309,071
JAMESTOWN	17,916	24,361	8,771	8,417	15,550	75,018
MANDAN	35,868	44,416	36,548	10,543	19,584	135,759
MINOT		81,711	59,701	25,285	89,909	256,608
VALLEY CITY	12,821	4,139	5,721	4,618	6,655,756	33,956
WAHPETON		9,376	5,470	3,745	14,686	33,278
West Fargo	24,793	13,000	56,677	42,761	48,762	185,996
WILLISTON		64,687	38,403	24,325	49,800	177,217
Grand Total	485,121	793,626	578,710	327,369	707,530	2,892,358

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

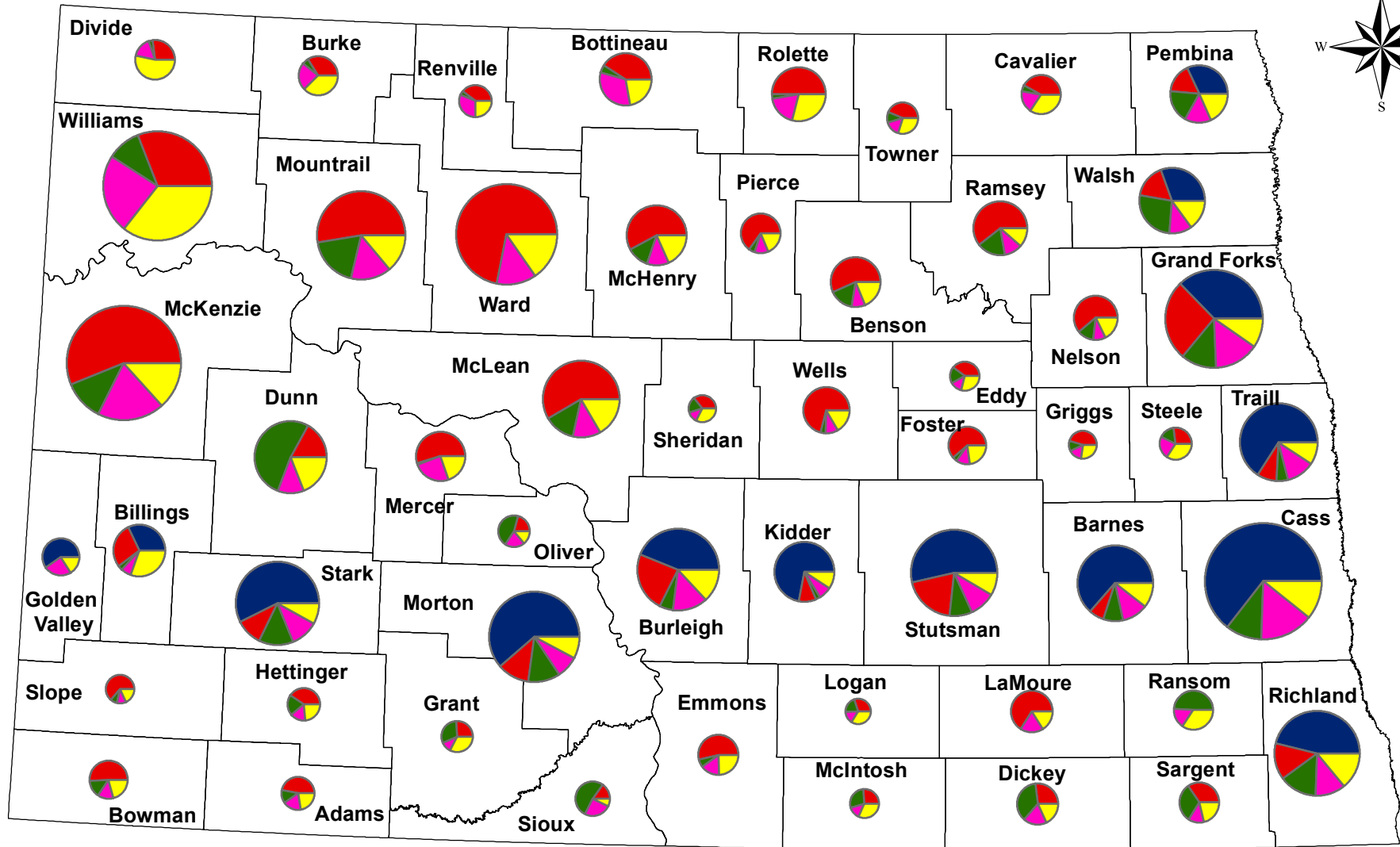
**2024 RURAL ANNUAL VEHICLE MILES OF TRAVEL BY FUNCTIONAL CLASS
(VEHICLE MILES OF TRAVEL SHOWN IN THOUSANDS)**

COUNTY	INTERSTATE	PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	LOCAL ROADS	TOTAL
Adams		18,218	4,881	7,025	8,586	38,710
Barnes	128,341	13,089	17,096	22,270	21,487	202,283
Benson		50,201	13,696	7,833	16,701	88,430
Billings	30,543	27,012	2,658	6,204	28,706	95,123
Bottineau		39,366	4,830	30,685	21,466	96,347
Bowman		25,682	7,308	6,803	10,550	50,343
Burke		18,311	2,920	12,544	20,318	54,092
Burleigh	103,781	55,997	12,584	32,741	31,366	236,471
Cass	310,661	0	48,168	71,557	51,632	482,018
Cavalier		23,080	2,862	10,188	18,800	54,930
Dickey		16,095	22,104	10,971	10,714	59,884
Divide		15,187	1,826	9,063	29,677	55,752
Dunn		31,181	96,364	21,816	34,690	184,051
Eddy		11,918	5,494	3,824	8,718	29,955
Emmons		30,516	3,532	8,834	13,836	56,718
Foster		30,437	1,846	5,797	11,359	49,439
Golden Valley	29,157	0	0	11,901	7,884	48,942
Grand Forks	126,383	90,882	39,708	50,026	32,628	339,626
Grant		9,019	10,659	3,837	11,278	34,794
Griggs		12,624	3,288	4,127	7,561	27,600
Hettinger		15,499	7,730	5,788	9,026	38,043
Kidder	91,153	11,578	3,221	8,830	11,497	126,279
LaMoure		40,289	499	11,004	9,772	61,563
Logan		6,883	4,611	3,585	7,737	22,816
McHenry		73,263	15,042	15,041	23,352	126,698
McIntosh		7,637	8,459	3,851	9,282	29,229
McKenzie		258,073	53,151	86,925	61,804	459,953
McLean		121,691	27,495	24,596	34,501	208,283
Mercer		46,759	899	21,341	16,917	85,916
Morton	177,386	32,777	33,389	22,728	22,625	288,904
Mountrail		145,316	51,259	40,753	38,606	275,934
Nelson		42,196	8,303	6,003	12,377	68,879
Oliver		7,323	15,883	7,095	4,968	35,269
Pembina	37,100	19,755	21,357	17,228	21,419	116,858
Pierce		35,847	2,730	6,170	10,237	54,984
Ramsey		62,042	17,650	11,082	11,619	102,393
Ransom		0	26,618	9,160	18,625	54,402
Renville		14,461	1,607	11,519	9,168	36,754
Richland	118,660	35,353	36,684	29,450	36,017	256,164
Rolette		50,731	2,814	18,628	29,320	101,493
Sargent		19,349	17,741	7,177	11,859	56,126
Sheridan		9,213	4,975	3,299	8,390	25,877
Sioux		6,323	22,523	10,700	3,109	42,654
Slope		18,277	2,166	3,022	5,210	28,674
Stark	141,478	26,006	32,985	26,365	20,021	246,855
Steele		9,934	5,775	8,197	12,528	36,434
Stutsman	141,150	52,228	22,599	25,203	22,565	263,744
Towner		15,020	3,638	5,455	10,098	34,211
Traill	140,136	17,234	10,264	24,906	20,027	212,567
Walsh	46,435	25,465	39,897	17,305	22,857	151,958
Ward		258,658	506	45,922	55,257	360,342
Wells		53,270	2,716	6,630	12,495	75,111
Williams		129,648	42,153	97,758	148,947	418,506
TOTAL	1,622,364	2,186,910	849,160	980,760	1,150,188	6,789,381

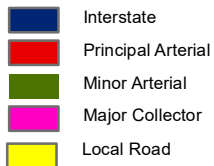
2024 ANNUAL VEHICLE MILES OF TRAVEL BY COUNTY
(VEHICLE MILES OF TRAVEL SHOWN IN THOUSANDS)

COUNTY	RURAL	URBAN	COUNTY TOTAL	PERCENT OF STATE TRAVEL
Adams	38,710		38,710	0.40%
Barnes	202,283	33,956	236,239	2.45%
Benson	88,430		88,430	0.92%
Billings	95,123		95,123	0.99%
Bottineau	96,347		96,347	1.00%
Bowman	50,343		50,343	0.52%
Burke	54,092		54,092	0.56%
Burleigh	236,471	465,535	702,006	7.27%
Cass	482,018	1,217,350	1,699,368	17.61%
Cavalier	54,930		54,930	0.57%
Dickey	59,884		59,884	0.62%
Divide	55,752		55,752	0.58%
Dunn	184,051		184,051	1.91%
Eddy	29,955		29,955	0.31%
Emmons	56,718		56,718	0.59%
Foster	49,439		49,439	0.51%
Golden Valley	48,942		48,942	0.51%
Grand Forks	339,626	309,071	648,697	6.72%
Grant	34,794		34,794	0.36%
Griggs	27,600		27,600	0.29%
Hettinger	38,043		38,043	0.39%
Kidder	126,279		126,279	1.31%
LaMoure	61,563		61,563	0.64%
Logan	22,816		22,816	0.24%
McHenry	126,698		126,698	1.31%
McIntosh	29,229		29,229	0.30%
McKenzie	459,953		459,953	4.77%
McLean	208,283		208,283	2.16%
Mercer	85,916		85,916	0.89%
Morton	288,904	135,759	424,663	4.40%
Mountrail	275,934		275,934	2.86%
Nelson	68,879		68,879	0.71%
Oliver	35,269		35,269	0.37%
Pembina	116,858		116,858	1.21%
Pierce	54,984		54,984	0.57%
Ramsey	102,393	27,798	130,191	1.35%
Ransom	54,402		54,402	0.56%
Renville	36,754		36,754	0.38%
Richland	256,164	33,278	289,442	3.00%
Rolette	101,493		101,493	1.05%
Sargent	56,126		56,126	0.58%
Sheridan	25,877		25,877	0.27%
Sioux	42,654		42,654	0.44%
Slope	28,674		28,674	0.30%
Stark	246,855	127,294	374,149	3.88%
Steele	36,434		36,434	0.38%
Stutsman	263,744	75,018	338,762	3.51%
Towner	34,211		34,211	0.35%
Traill	212,567		212,567	2.20%
Walsh	151,958		151,958	1.57%
Ward	360,342	259,608	619,950	6.42%
Wells	75,111		75,111	0.78%
Williams	418,506	177,217	595,723	6.17%
TOTAL	6,789,381	2,861,884 (48)	9,651,265	100.00%

2024 RURAL ANNUAL VEHICLE MILES OF TRAVEL BY FUNCTIONAL CLASSIFICATION



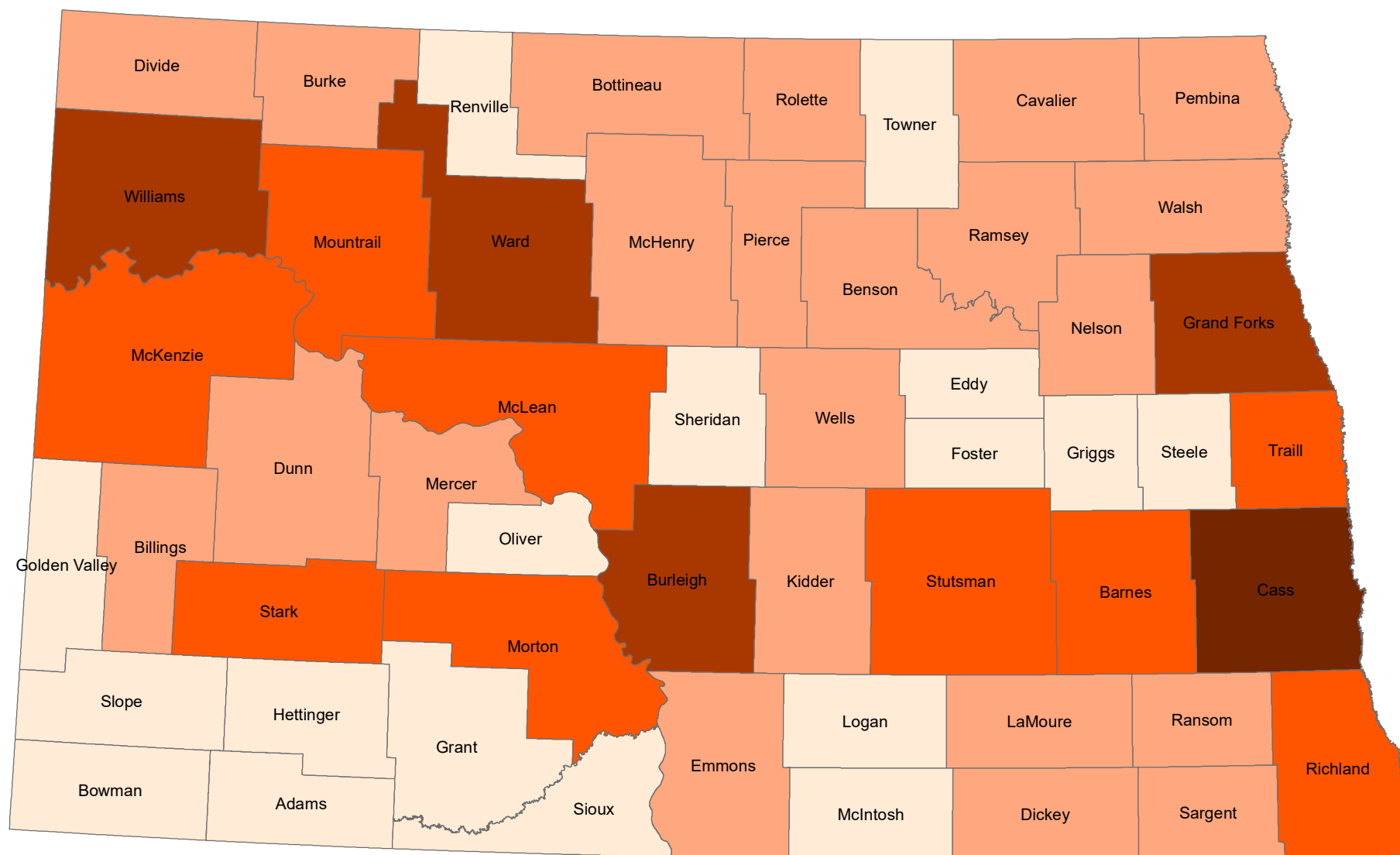
FUNCTIONAL CLASSES



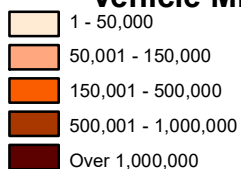
NOTES: - Data from page 47 of this report.
- The size of each individual pie chart is representative of the total VMT in that county.

Planning & Asset Management Division
Traffic Data Section
August 2025

2024 TOTAL ANNUAL VEHICLE MILES OF TRAVEL

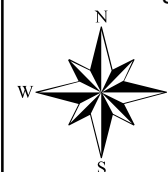


Vehicle Miles of Travel



NOTES: - Data from page 48 of this report.
- Vehicle miles of travel shown in thousands.

Planning & Asset Management Division
Traffic Data Section
August 2025



Statewide VMT

All State Highways

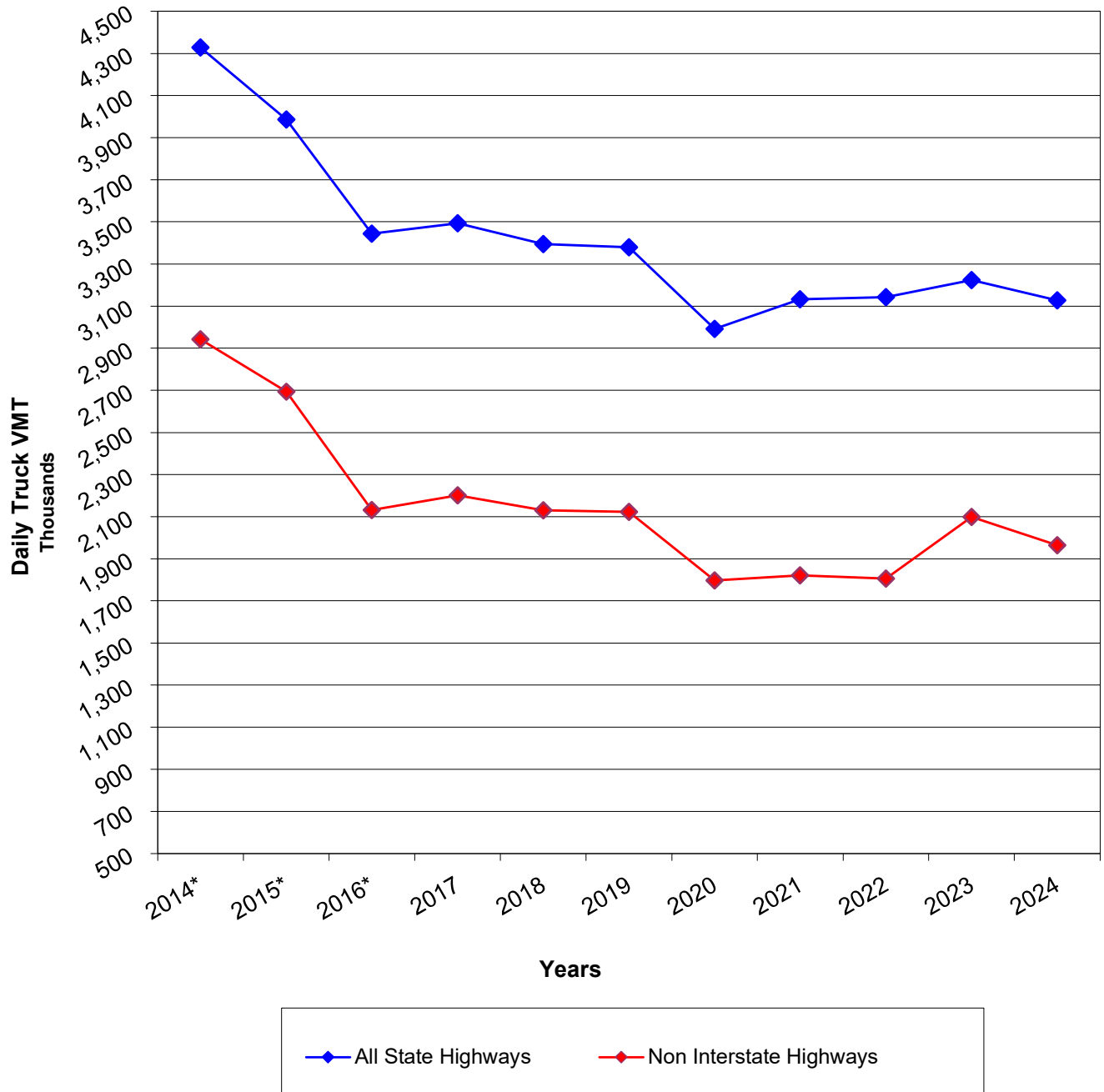
Years	Annual Daily VMT	Annual VMT	Annual Daily Truck VMT	Annual Truck VMT	% Total Trucks	% Combination Trucks
2003	12,584,069	4,593,181,535	2,132,255	778,273,075	16.94%	12.94%
2004	12,834,849	4,684,719,885	2,139,703	780,991,595	16.67%	12.67%
2005	12,843,726	4,687,959,947	2,109,678	770,032,420	16.43%	12.43%
2006	12,864,635	4,695,591,775	2,081,109	759,604,785	16.18%	12.18%
2007	13,143,830	4,797,497,950	2,121,611	774,388,015	16.14%	12.14%
2008	13,070,318	4,770,666,070	2,216,080	806,869,200	16.96%	12.96%
2009	13,924,765	5,082,539,225	2,397,242	874,993,330	17.22%	13.22%
2010	14,820,481	5,409,475,565	2,690,766	982,129,590	18.16%	14.16%
2011	16,243,388	5,928,836,620	3,420,858	1,248,613,170	21.06%	17.06%
2012*	18,188,950	6,638,966,750	4,126,648	1,506,226,520	22.69%	18.69%
2013*	17,989,497	6,566,166,405	4,024,038	1,468,773,870	22.37%	18.37%
2014*	18,522,863	6,780,844,995	4,327,820	1,579,654,300	23.36%	19.36%
2015*	17,532,226	6,399,262,490	3,986,324	1,455,008,260	22.74%	18.74%
2016*	16,825,387	6,141,266,255	3,444,562	1,257,265,130	20.47%	16.47%
2017	16,621,979	6,067,022,335	3,493,544	1,275,143,560	21.02%	17.02%
2018	17,109,024	6,244,793,760	3,393,625	1,238,673,125	19.84%	15.84%
2019	17,038,483	6,219,046,295	3,379,279	1,233,436,835	19.33%	15.83%
2020	14,313,898	5,224,572,617	2,991,744	1,091,986,560	20.90%	16.90%
2021	15,471,834	5,647,219,309	3,131,639	1,143,048,347	20.24%	16.24%
2022	15,411,884	5,625,337,791	3,142,427	1,146,985,839	20.39%	16.39%
2023	17,065,303	6,228,835,595	3,223,987	1,176,755,255	18.92%	14.92%
2024	16,144,067	5,892,584,304	3,127,027	1,141,364,855	19.37%	15.37%

Non-Interstate Highways

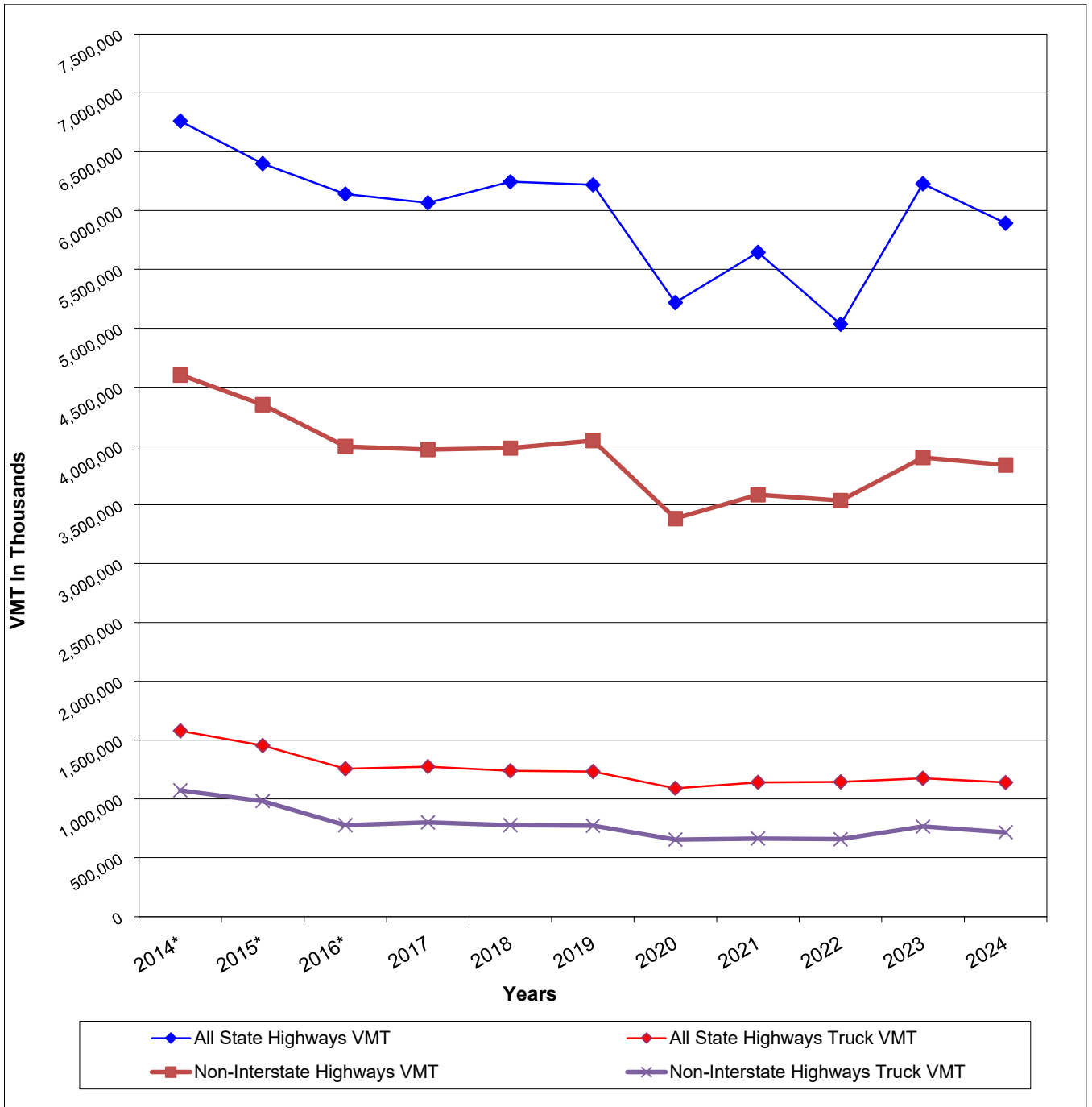
Years	Annual Daily VMT	Annual VMT	Annual Daily Truck VMT	Annual Truck VMT	% Total Trucks	% Combination Trucks
2001	7,872,873	2,873,598,645	1,092,789	398,867,985	13.88%	10.88%
2002	7,998,087	2,919,301,755	1,169,617	426,910,205	14.62%	11.62%
2003	8,063,953	2,943,342,845	1,210,348	441,777,020	15.01%	12.01%
2004	8,106,756	2,958,965,940	1,181,721	431,328,165	14.58%	11.58%
2005	8,161,190	2,978,834,350	1,154,376	421,347,240	14.14%	11.14%
2006	8,177,826	2,984,906,490	1,100,032	401,511,680	13.45%	10.45%
2007	8,131,192	2,967,885,080	1,108,180	404,478,400	13.63%	10.63%
2008	8,242,828	3,008,632,220	1,213,812	443,041,380	14.73%	11.73%
2009	8,831,321	3,223,432,165	1,396,467	510,440,455	15.84%	12.84%
2010	9,480,532	3,460,394,180	1,616,106	589,878,690	17.05%	14.05%
2011	10,638,070	3,882,895,550	2,276,547	830,939,655	21.40%	18.40%
2012*	12,340,661	4,504,341,265	2,877,575	1,050,314,875	23.32%	20.32%
2013*	12,030,216	4,391,028,840	2,717,769	991,985,685	22.59%	19.59%
2014*	12,615,780	4,604,759,700	2,941,677	1,073,712,105	23.32%	20.32%
2015*	11,922,369	4,351,664,685	2,693,501	983,127,865	22.59%	19.59%
2016*	10,948,786	3,996,306,890	2,131,866	778,131,090	19.47%	16.47%
2017	10,878,158	3,970,527,670	2,200,746	803,272,290	20.23%	17.23%
2018	10,912,447	3,983,043,155	2,130,594	777,666,810	19.52%	15.52%
2019	11,090,717	4,048,111,705	2,122,462	774,698,630	17.83%	14.82%
2020	9,633,503	3,516,228,936	1,797,530	656,098,450	18.66%	15.66%
2021	9,821,055	3,584,685,249	1,820,145	664,353,056	18.53%	15.53%
2022	9,691,609	3,537,437,433	1,806,851	659,500,539	18.64%	15.64%
2023	10,690,702	3,902,106,230	2,099,110	766,175,150	19.63%	16.63%
2024	10,517,422	3,838,859,145	1,964,868	717,176,820	18.68%	15.68%

*VMT Numbers were revised because errors were found and corrected.

Annual Daily Truck VMT for Statewide



Annual VMT for Statewide



VMT for Interstate

I-94

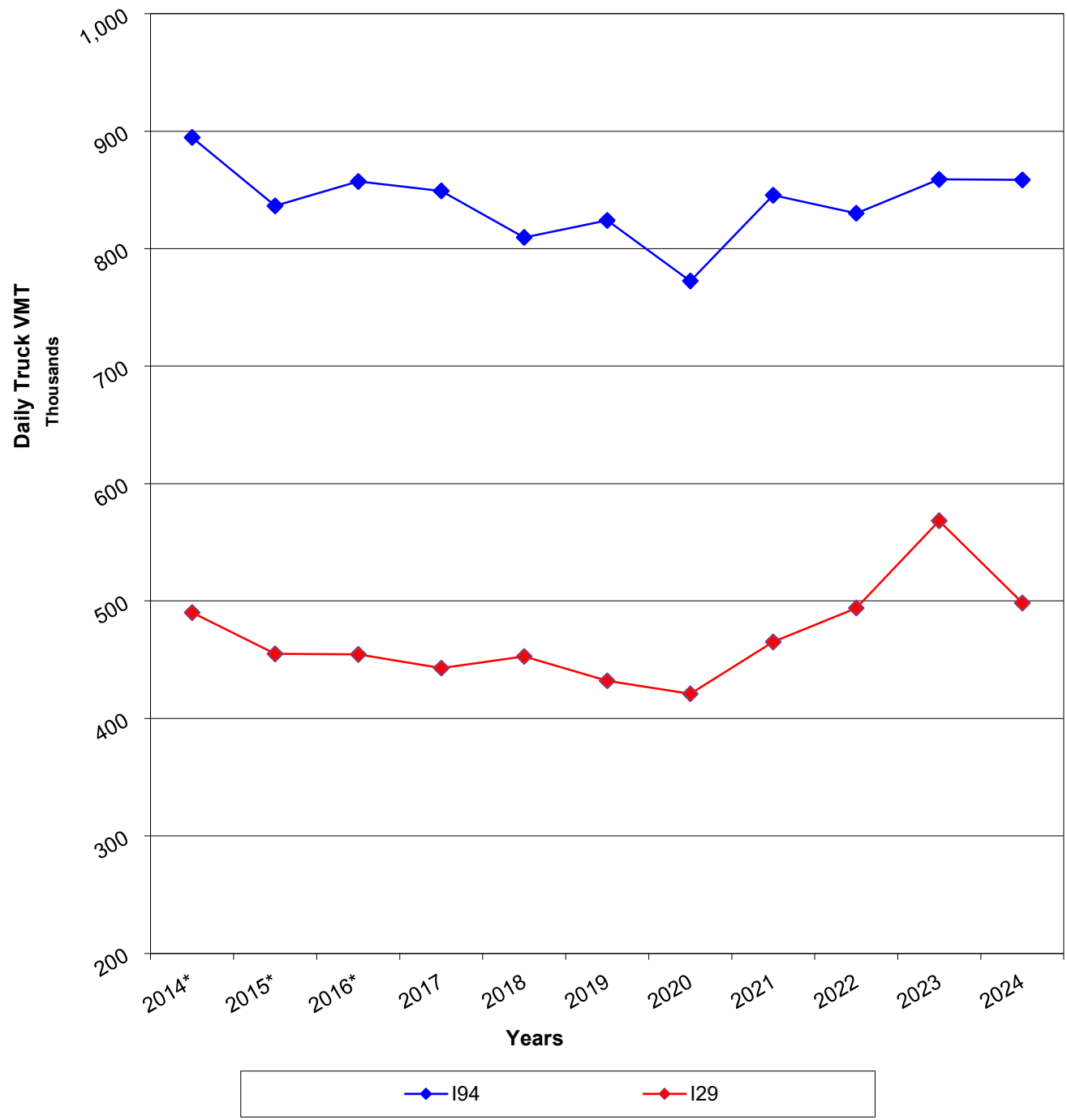
Years	Annual Daily VMT	Annual VMT	Annual Daily Truck VMT	Annual Truck VMT	% Total Trucks	% Combination Trucks
2003	12,584,059	4,593,181,535	2,132,255	778,273,075	16.94%	12.94%
2004	2,860,897	1,044,227,875	563,806	205,789,190	19.91%	15.91%
2004	2,860,897	1,044,227,405	563,806	205,789,190	19.71%	15.71%
2005	2,821,424	1,029,819,585	563,819	205,794,052	19.98%	15.98%
2006	2,788,960	1,021,620,400	589,420	215,138,300	21.06%	17.06%
2007	3,017,981	1,101,563,065	618,409	225,719,285	20.49%	16.49%
2008	2,850,232	1,040,334,680	608,886	222,243,390	21.36%	17.36%
2009	3,023,712	1,103,654,880	605,289	220,930,485	20.02%	16.02%
2010	3,234,497	1,180,591,405	666,693	243,342,945	20.61%	16.61%
2011	3,521,263	1,285,260,995	724,509	264,445,785	20.58%	16.58%
2012*	3,728,704	1,360,976,960	815,711	297,734,515	21.88%	17.88%
2013*	3,775,958	1,378,224,670	848,650	309,757,250	22.48%	18.48%
2014*	3,733,346	1,362,671,290	894,609	326,532,285	23.96%	19.96%
2015*	3,539,973	1,292,090,145	836,489	305,318,485	23.63%	19.63%
2016*	3,751,447	1,369,278,155	857,303	312,915,595	22.85%	18.85%
2017	3,651,977	1,332,971,605	849,192	309,955,080	23.25%	19.25%
2018	3,842,369	1,402,464,685	809,431	295,442,315	21.07%	17.07%
2019	3,729,866	1,361,401,481	823,981	300,753,279	22.09%	18.09%
2020	3,181,786	1,116,352,191	772,404	281,927,793	25.25%	21.25%
2021	3,511,417	1,281,667,135	845,560	308,629,400	24.08%	20.08%
2022	3,524,899	1,286,588,015	830,074	303,219,720	23.55%	19.55%
2023	3,733,808	1,362,840,069	858,951	313,517,115	23.00%	19.00%
2024	3,713,813	1,355,541,745	858,559	313,374,035	23.12%	19.12%

I-29

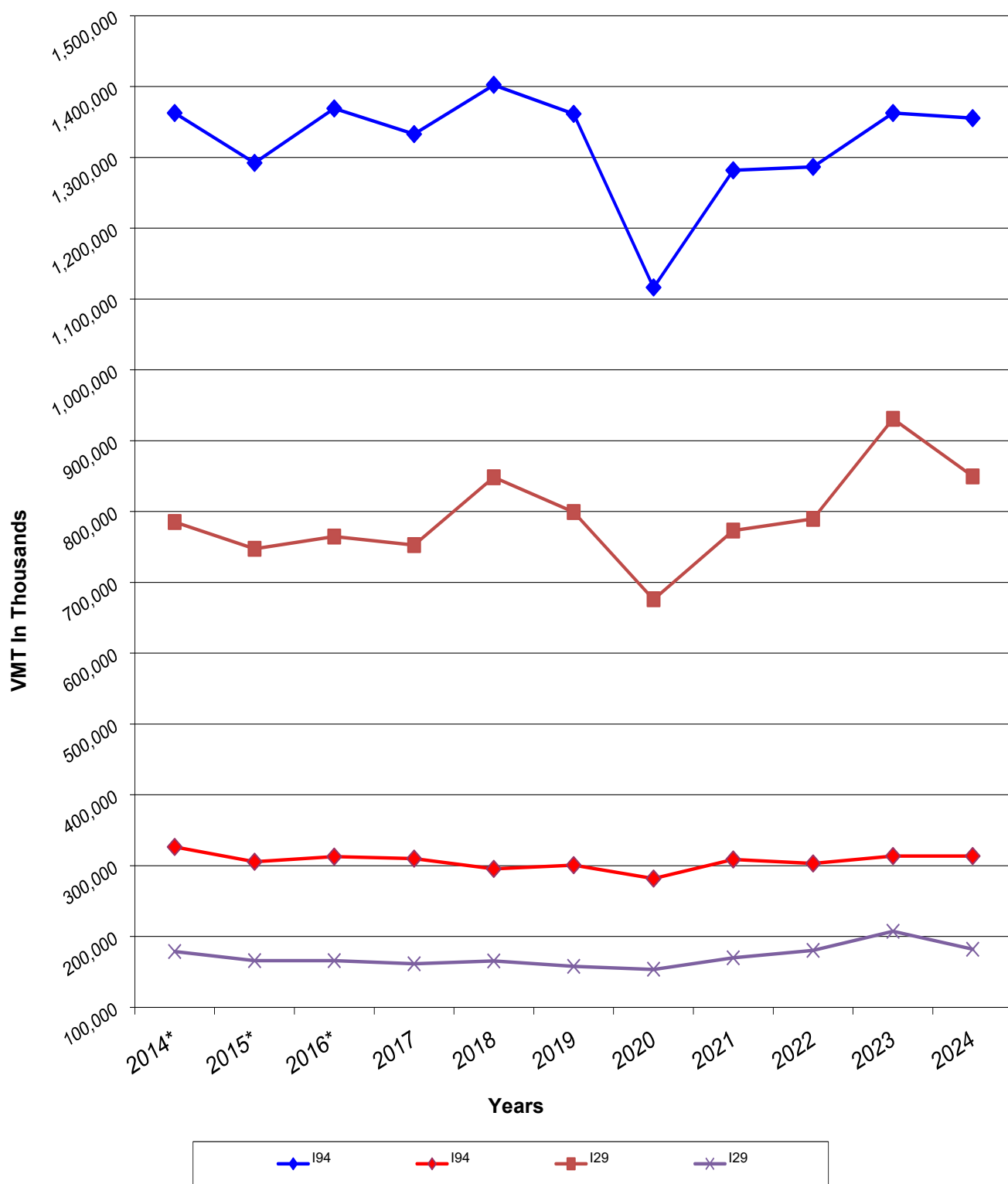
Years	Annual Daily VMT	Annual VMT	Annual Daily Truck VMT	Annual Truck VMT	% Total Trucks	% Combination Trucks
2003	1,827,132	666,903,180	385,802	140,817,730	21.12%	18.12%
2004	1,867,196	681,526,540	394,176	143,874,240	21.11%	18.11%
2005	1,861,112	679,305,752	391,483	142,891,441	21.03%	18.03%
2006	1,887,849	689,064,885	391,657	142,954,805	20.75%	17.75%
2007	1,972,376	719,917,240	394,295	143,917,675	19.99%	16.99%
2008	1,954,977	713,566,605	392,635	143,311,775	20.08%	17.08%
2009	2,048,101	747,556,865	392,097	143,115,405	19.14%	16.14%
2010	2,083,822	760,595,030	406,578	148,400,970	19.51%	16.51%
2011	2,045,921	746,761,165	416,022	151,848,030	20.33%	17.33%
2012*	2,097,149	765,459,385	431,953	157,662,845	20.60%	17.60%
2013*	2,160,887	788,723,755	456,210	166,516,650	21.11%	18.11%
2014*	2,151,301	785,224,865	490,125	178,895,625	22.78%	19.78%
2015*	2,047,448	747,318,520	454,925	166,047,625	22.22%	19.22%
2016*	2,094,994	764,672,810	454,622	165,937,030	21.70%	18.70%
2017	2,061,684	752,514,660	442,835	161,634,775	21.48%	18.48%
2018	2,324,048	848,277,520	452,829	165,282,585	19.48%	16.48%
2019	2,190,201	799,423,714	432,060	157,702,205	19.72%	16.72%
2020	1,843,874	673,013,999	421,035	153,678,023	22.83%	19.83%
2021	2,117,692	772,957,711	465,157	169,782,148	21.97%	18.97%
2022	2,163,376	789,632,273	494,057	180,330,805	22.84%	19.94%
2023	2,615,012	930,944,378	568,259	207,414,535	21.73%	18.73%
2024	2,327,667	849,598,455	498,302	181,880,230	21.41%	18.41%

*VMT Numbers were revised because errors were found and corrected.

Annual Daily Truck VMT for Interstate



Annual VMT for Interstate



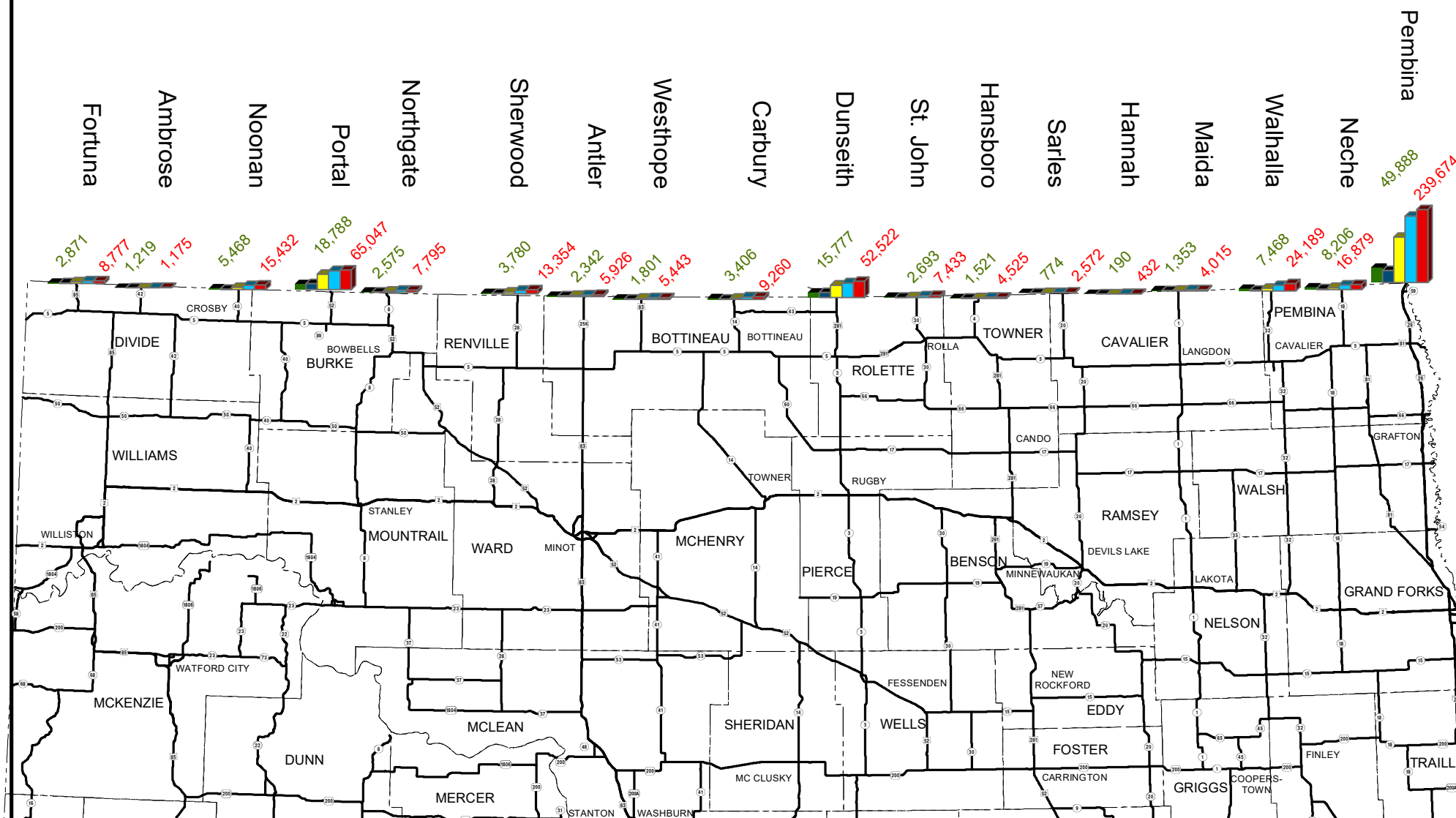
BORDER CROSSINGS
(VEHICLES ENTERING THE UNITED STATES FROM CANADA)

PORT OF ENTRY	HWY	----- AUTOMOBILES -----			----- TRUCKS -----		
		FISCAL 2023	FISCAL 2024	% CHANGE	FISCAL 2023	FISCAL 2024	% CHANGE
FORTUNA	85	8,777	9,296	5.91%	2,757	1,626	-41.02%
AMBROSE	42	977	1,175	20.27%	5	3	-40.00%
NOONAN	40	13,679	15,432	12.82%	1,225	1,505	22.86%
PORTAL	52	62,841	65,047	3.51%	90,033	96,678	7.38%
NORTHGATE	8	7,478	7,795	4.24%	4,631	4,445	-4.02%
SHERWOOD	28	11,777	13,354	13.39%	2,864	3,019	5.41%
ANTLER	256	5,445	5,926	8.83%	733	852	16.23%
WESTHOPE	83	4,936	5,443	10.27%	1,065	1,212	13.80%
CARBURY	14	7,907	9,260	17.11%	326	905	177.61%
DUNSEITH	281	47,493	52,522	10.59%	28,872	26,911	-6.79%
ST. JOHN	30	6,344	7,433	17.17%	692	878	26.88%
HANSBORO	4	4,143	4,525	9.22%	235	46	-80.43%
SARLES	20	2,093	2,572	22.89%	898	928	3.34%
HANNAH	CMC 1013	477	432	-9.43%	16	315	1868.75%
MAIDA	1	3,827	4,015	4.91%	605	776	28.26%
WALHALLA	32	18,739	24,189	29.08%	7,241	6,412	-11.45%
NECHE	18	15,259	16,789	10.03%	8,891	7,770	-12.61%
PEMBINA	I-29	217,673	239,674	10.11%	244,504	247,746	1.33%
TOTAL		439,865	484,879	10.23%	395,593	402,027	1.63%

Starting in 2022 we will be reporting Border crossing by the Calender year instead of Fiscal year. Pg's 57,58 and 59 have been updated retroactively to 2018 with Calender Year Data as this is the method that the data is now provided to NDDOT

As the pandemic situation evolved, Canada's COVID-19 measures at the border changed. Effective October 1, 2022, COVID-19 entry restrictions were removed, as well as testing, quarantine and isolation requirements, regardless of citizenship and vaccination status.

Total Auto Volume Entering from Canada



Bar Chart Years

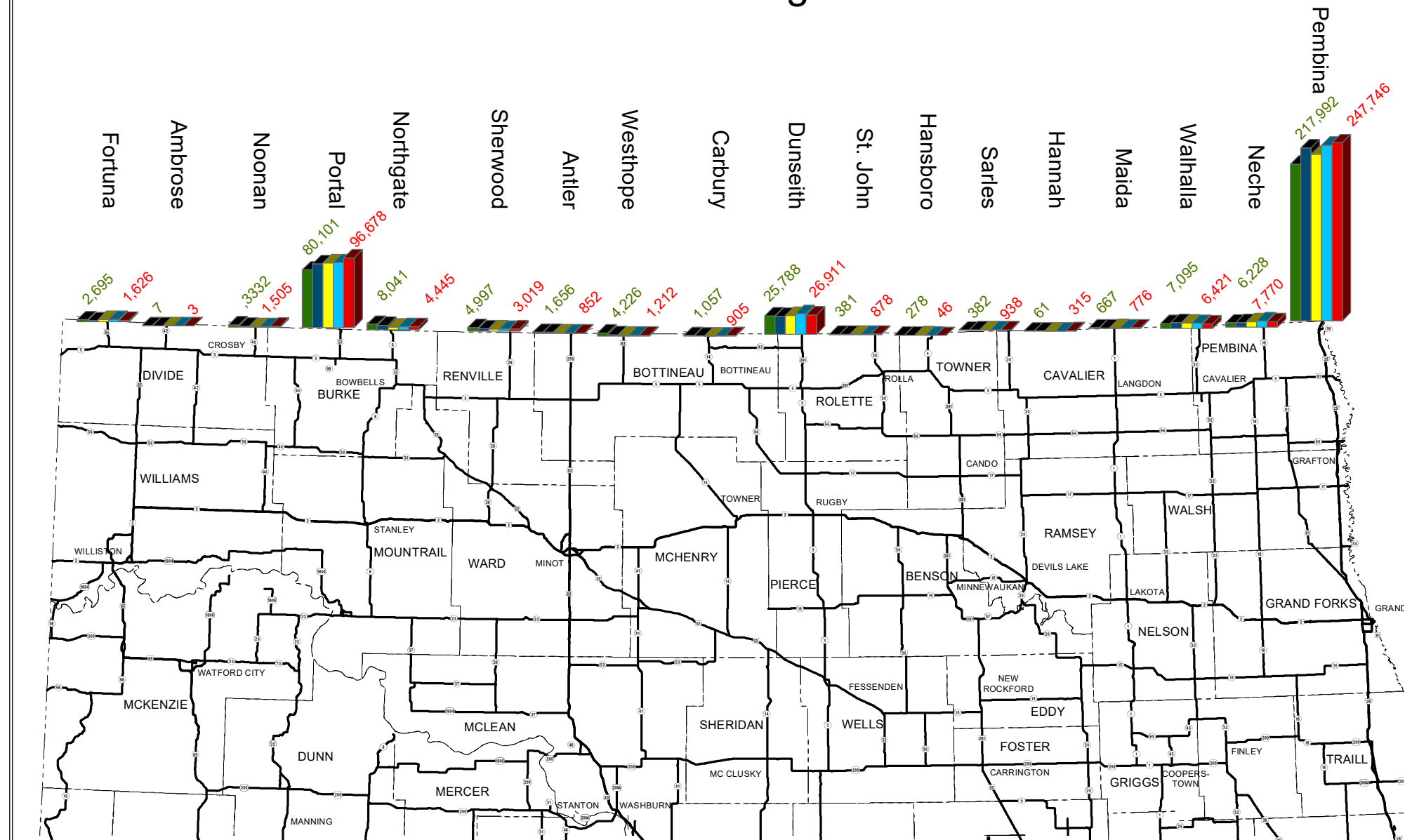


NOTE - The size of the bar chart corresponds to total autos by border crossing.
 - The numbers given above the charts are for the years 2020 (green) and 2024 (red).
 - This border crossing data is provided by the U.S. Department of Homeland Security.
 - The reporting period is the 2024 Calendar year



Planning & Asset Management Division
Traffic Data Section
April 2025

Total Truck Volume Entering from Canada



Bar Chart Years



NOTE - The size of the bar chart corresponds to total trucks by border crossing.
 - The numbers given above the charts are for the years 2020 (green) and 2024 (red).
 - This border crossing data is provided by the U.S. Department of Homeland Security.
 - The reporting period is the calendar year 2024



Planning & Asset Management Division
 Traffic Data Section
 April 2025