



**AUTOMATIC TRAFFIC RECORDER
MONTHLY REPORT
MAY 2023**

PREPARED BY

OFFICE OF SYSTEMS PLANNING

IN COOPERATION WITH

UNITED STATES DEPARTMENT OF TRANSPORTATION

FEDERAL HIGHWAY ADMINISTRATION

TELEPHONE

515/239-1526

TABLE OF CONTENTS

Summary	3
Automatic Traffic Location Map	4
Monthly Traffic Variations	
2023 vs 2022	
2023 vs 2019	5
Comparison of Estimated Vehicle	
Miles by System	6
Vehicle Miles of Travel	7
Individual Recorder Data	8 - 27
Monthly Interstate & Primary VMT	28
Monthly Interstate VMT	29
Monthly US & IA Route VMT	30
Monthly Total State VMT	31

TRAFFIC VOLUME VARIATIONS ON THE IOWA ROAD SYSTEM

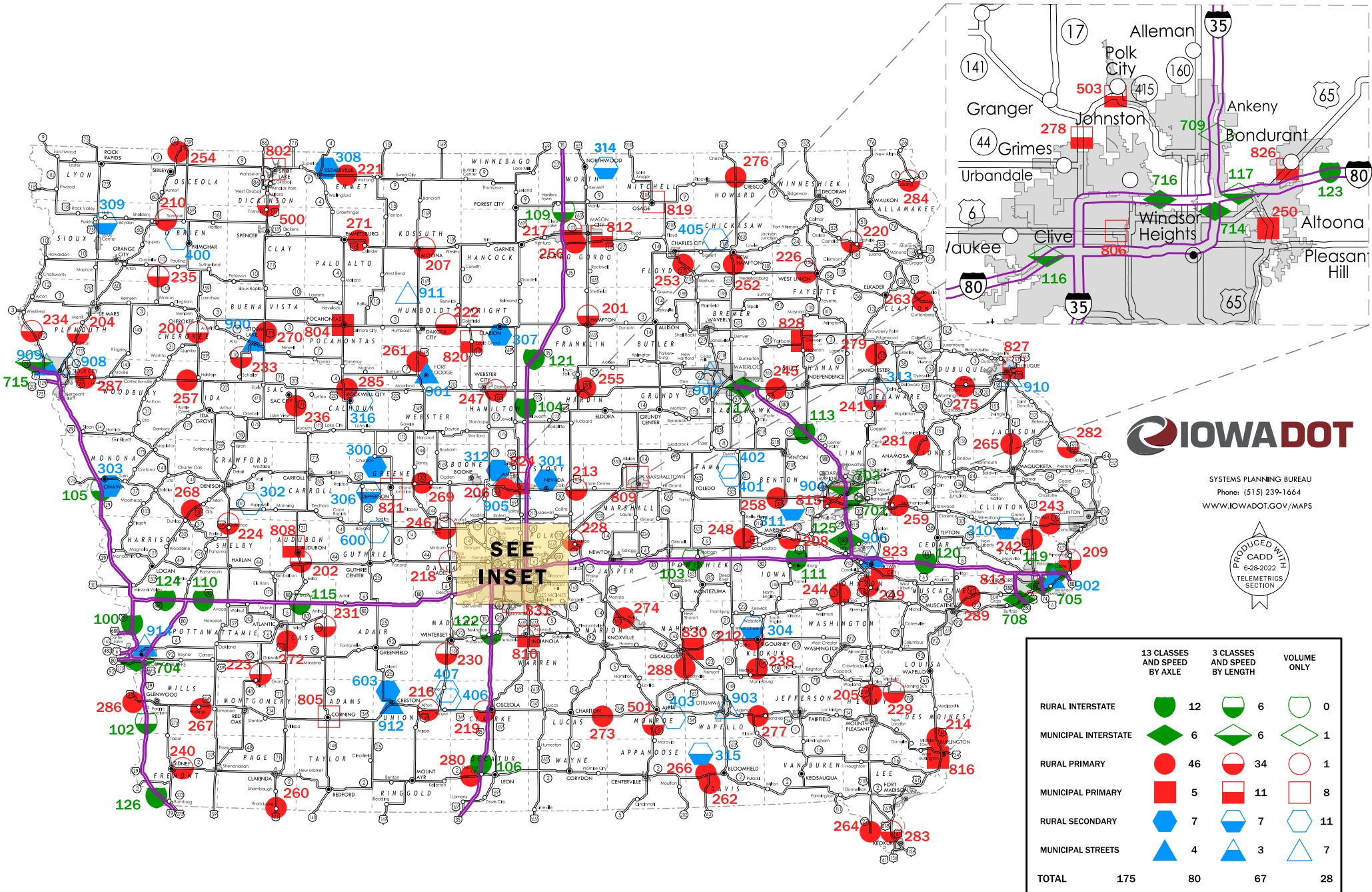
	2023 COMPARED TO 2019			2023 COMPARED TO 2022		
	MAY 2023	YEAR		MAY 2023	YEAR	
	COMPARED TO MAY	TO DATE		COMPARED TO MAY	TO DATE	
	2019	2023	2019	2022	2023	2022
<u>RURAL</u>						
INTERSTATE	2.0%	2.7%		1.4%	0.4%	
PRIMARY	3.6%	2.8%		2.6%	1.3%	
SECONDARY	3.8%	2.7%		3.6%	0.2%	
SUBTOTAL	3.2%	2.8%		2.5%	0.8%	
<u>MUNICIPAL</u>						
INTERSTATE	0.4%	NO CHANGE		3.0%	1.9%	
PRIMARY	0.6%	1.2%		2.2%	2.0%	
STREETS	-2.4%	-2.4%		1.9%	1.5%	
SUBTOTAL	-1.0%	-1.0%		2.2%	1.7%	
STATE TOTAL	1.5%	1.2%		2.4%	1.1%	

Data collected at the 176 continuous automatic traffic recorder locations shown on the following pages were utilized to compute the above percentages.

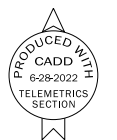
The rural, municipal and state totals were weighted based on estimated vehicle miles of travel.

AUTOMATIC TRAFFIC RECORDER LOCATIONS

JANUARY 1, 2023

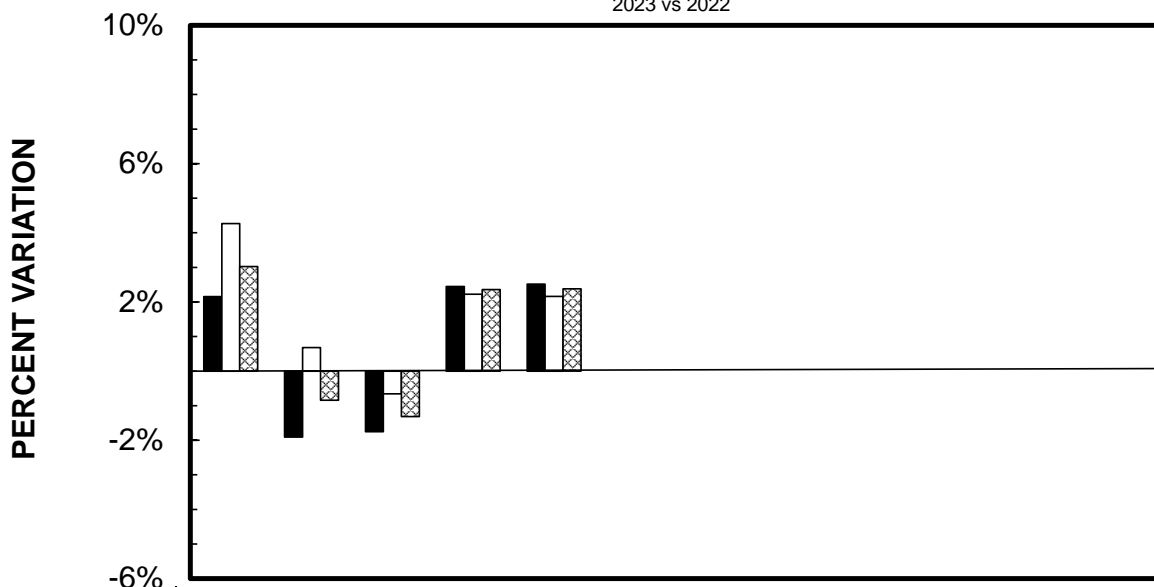


SYSTEMS PLANNING BUREAU
Phone: (515) 239-1664
WWW.IOWADOT.GOV/MAPS



MONTHLY TRAFFIC VARIATIONS

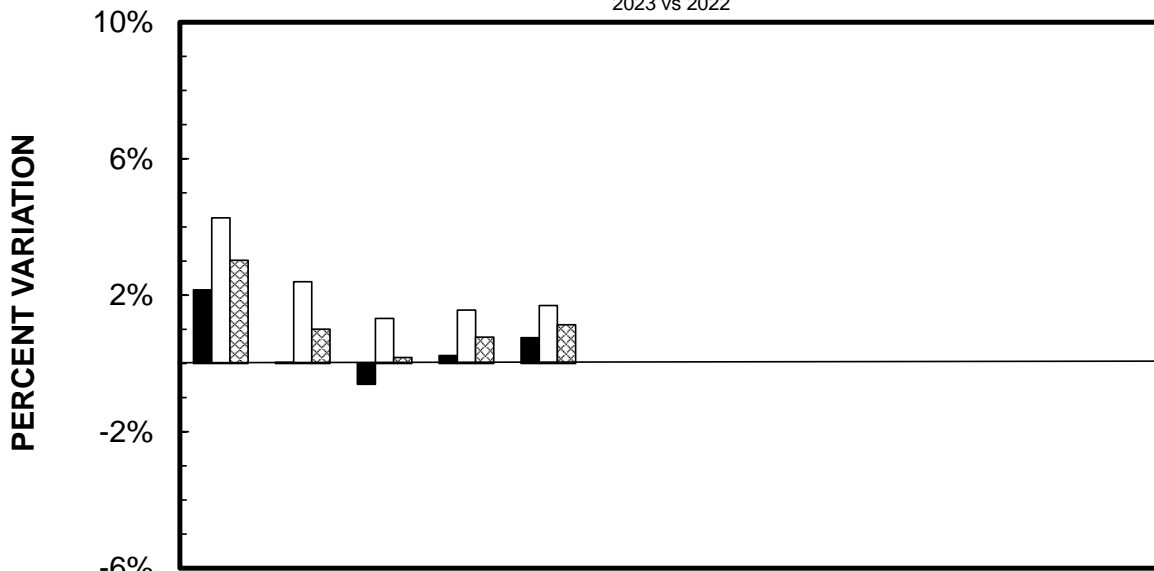
2023 vs 2022



	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
RURAL	2.16%	-1.90%	-1.75%	2.45%	2.52%							
MUNICIPAL	4.27%	0.68%	-0.66%	2.22%	2.16%							
STATE TOTAL	3.02%	-0.84%	-1.31%	2.36%	2.38%							

CUMULATIVE MONTHLY TRAFFIC VARIATIONS

2023 vs 2022



	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
RURAL	2.16%	0.04%	-0.61%	0.23%	0.76%							
MUNICIPAL	4.27%	2.40%	1.32%	1.57%	1.70%							
STATE TOTAL	3.02%	1.00%	0.17%	0.77%	1.13%							

*** IOWA DEPARTMENT OF TRANSPORTATION
COMPARISON OF ESTIMATED VMT BY SYSTEM** (IN 1,000,000's)

	JAN	%dif	FEB	%dif	MAR	%dif	APR	%dif	MAY	%dif	JUN	%dif	JUL	%dif	AUG	%dif	SEP	%dif	OCT	%dif	NOV	%dif	DEC	%dif	CUMULATIVE	%dif	
RURAL INTERSTATE																											
2023	364		384		440		465		515																	2168	
2022	352	3.4%	389	-1.3%	449	-2.0%	461	0.9%	508	1.4%															2159	0.4%	
RURAL PRIMARY																											
2023	648		672		716		774		837																	3647	
2022	626	3.5%	678	-0.9%	724	-1.1%	757	2.2%	816	2.6%															3601	1.3%	
RURAL SECONDARY																											
2023	362		386		412		477		522																	2159	
2022	367	-1.4%	403	-4.2%	423	-2.6%	457	4.4%	504	3.6%															2154	0.2%	
RURAL SUBTOTAL																											
2023	1374		1442		1568		1716		1874																	7974	
2022	1345	2.2%	1470	-1.9%	1596	-1.8%	1675	2.4%	1828	2.5%															7914	0.8%	
MUNICIPAL INTERSTATE																											
2023	197		205		220		234		244																	1100	
2022	186	5.9%	206	-0.5%	221	-0.5%	230	1.7%	237	3.0%															1080	1.9%	
MUNICIPAL PRIMARY																											
2023	268		280		289		320		332																	1489	
2022	257	4.3%	278	0.7%	289	0.0%	311	2.9%	325	2.2%															1460	2.0%	
MUNICIPAL STREETS																											
2023	512		547		550		595		605																	2809	
2022	494	3.6%	541	1.1%	556	-1.1%	583	2.1%	594	1.9%															2768	1.5%	
MUNICIPAL SUBTOTAL																											
2023	977		1032		1059		1149		1181																	5398	
2022	937	4.3%	1025	0.7%	1066	-0.7%	1124	2.2%	1156	2.2%															5308	1.7%	
STATE TOTAL																											
2023	2351		2474		2627		2865		3055																	13372	
2022	2282	3.0%	2495	-0.8%	2662	-1.3%	2799	2.4%	2984	2.4%															13222	1.1%	

REVISED 6/2020 BY THE ROADWAY ASSET MANAGEMENT SYSTEM (RAMS)

MONTH	RURAL				MUNICIPAL				STATE TOTAL
	INTERSTATE	PRIMARY	SECONDARY	TOTAL	INTERSTATE	PRIMARY	SECONDARY	TOTAL	
JANUARY	364	648	362	1374	197	268	512	977	2351
FEBRUARY	384	672	386	1442	205	280	547	1032	2474
MARCH	440	716	412	1568	220	289	550	1059	2627
APRIL	465	774	477	1716	234	320	595	1149	2865
MAY	515	837	522	1874	244	332	605	1181	3055
JUNE									
JULY									
AUGUST									
SEPTEMBER									
OCTOBER									
NOVEMBER									
DECEMBER									
SUBTOTAL	2168	3647	2159	7974	1100	1489	2809	5398	13372

**COMPARISON OF THE MONTHLY AVERAGE DAILY TRAFFIC (MADT) FOR 2023 AND 2022
AND ANNUAL AVERAGE DAILY TRAFFIC (AADT)**

RURAL INTERSTATE

LOCATION AND STATION NUMBER		JAN. MADT	FEB. MADT	MARCH MADT	APRIL MADT	MAY MADT	JUNE MADT	JULY MADT	AUG. MADT	SEPT. MADT	OCT. MADT	NOV. MADT	DEC. MADT	ANNUAL AADT
I 80 0.8 MI WEST OF JORDAN CREEK PARKWAY WAUKEE 116-25 MONTHLY AVERAGE DAILY TRAFFIC (MADT) VARIATIONS FOR SITE #116 ARE NOW INCLUDED IN THE MUNICIPAL INTERSTATE GROUP														
I 80 1.8 MI EAST OF EAST JCT. I 35/80/235 ALTOONA 117-77 MONTHLY AVERAGE DAILY TRAFFIC (MADT) VARIATIONS FOR SITE #117 ARE NOW INCLUDED IN THE MUNICIPAL INTERSTATE GROUP														
I 80 1.5 MI EAST OF MIDDLE ROAD LECLAIRE 119-82	2023	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA								
	2022	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO AADT
	%													
I 80 2.5 MI EAST OF CO RD X40 TIPTON 120-16	2023	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA								
	2022	28265	30997	35368	36235	39235	41695	41266	41484	40093	39242	37129	32108	36927
	%													
I 35 2.0 MI NORTH OF CO RD R75 DOWS 121-99	2023	11988	12965	15349	16578	17750								
	2022	12082	13381	15859	16399	17911	18965	19260	18975	17684	17171	16667	13619	16498
	%	-0.78%	-3.11%	-3.22%	1.09%	-0.90%								
I 35 1.0 MI NORTH OF IA 92 CUMMING 122-92	2023	20837	21267	24218	25621	27037								
	2022	19735	21119	24119	24958	26122	26910	26733	27358	25574	26382	25221	22160	24700
	%	5.58%	0.70%	0.41%	2.66%	3.50%								
I 80 4.8 MI EAST OF EAST JCT. US 65 MITCHELLVILLE 123-77	2023	30894	32161	35369	37715	41986								
	2022	29838	33182	37110	38314	41467	43673	44152	42664	41674	40127	38423	33775	38700
	%	3.54%	-3.08%	-4.69%	-1.56%	1.25%								
I 880 6.4 MI WEST OF I 80 BEEBEETOWN 124-78	2023	4340	4670	5411	6229	6703								
	2022	*4763	*5268	*5874	*5964	*6148	*6266	*6084	*5974	*5744	*5308	*5113	*4440	NO AADT
	%	-8.88%	-11.35%	-7.88%	4.44%	9.03%								
I 380 6.0 MI NORTH OF I 80 NORTH LIBERTY 125-52 MONTHLY AVERAGE DAILY TRAFFIC (MADT) VARIATIONS FOR SITE #125 ARE NOW INCLUDED IN THE MUNICIPAL INTERSTATE GROUP														
I 29 9.0 MI SOUTH OF IA 2 HAMBURG 126-36	2023	10963	12281	14134	15290	17676								
	2022	11379	12495	14642	15231	17187	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO AADT
	%	-3.66%	-1.71%	-3.47%	0.39%	2.85%								
TOTAL RURAL INTERSTATE	2023	198850	208258	216926	252180	276410								
	2022	192073	210874	221691	250187	272378								
	%	3.53%	-1.24%	-2.15%	0.80%	1.48%								

NOTE: Numbers in red denote MADT's computed with partial monthly data due to road closures, detours, or insufficient data that were too sporadic to be used in the monthly calculations.

* ATR 100-78 and ATR 124-78 2022 MADT's WERE IMPACTED BY THE I 29 CLOSURES IN COUNCIL BLUFFS AND THE DETOUR ROUTE.

**COMPARISON OF THE MONTHLY AVERAGE DAILY TRAFFIC (MADT) FOR 2023 AND 2022
AND ANNUAL AVERAGE DAILY TRAFFIC (AADT)**

RURAL PRIMARY

LOCATION AND STATION NUMBER		JAN. MADT	FEB. MADT	MARCH MADT	APRIL MADT	MAY MADT	JUNE MADT	JULY MADT	AUG. MADT	SEPT. MADT	OCT. MADT	NOV. MADT	DEC. MADT	ANNUAL AADT
US 71 5.3 MI SOUTH OF US 20 SAC CITY 236-81	2023 2022 %	1405 1422 -1.20%	1498 1494 0.27%	1553 1585 -2.02%	1801 1795 0.33%	1880 1896 -0.84%		2047 1915	1772	1824	1858	1612	1479	1725
IA 149 2.1 MI NORTH OF IA 78 MARTINSBURG 238-54	2023 2022 %	1185 1077 10.03%	1186 1143 3.76%	1249 1208 3.39%	1477 1285 14.94%	1458 NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO AADT
IA 2 3.0 MI EAST OF US 275 SIDNEY 240-36	2023 2022 %	1851 1724 7.37%	1873 1879 -0.32%	1996 1939 2.94%	2088 2040 2.35%	2192 2164 1.29%	2151	2032	2206	2132	2158	1975	1905	2026
IA 13 6.3 MI SOUTH OF US 20 RYAN 241-28	2023 2022 %	3678 3553 3.52%	3781 3833 -1.36%	3972 4032 -1.49%	4508 4436 1.62%	5083 4969 2.29%	5164	5000	4942	4856	4926	4297	4057	4506
US 61 3.8 MI NORTH OF CO RD F41 ELDRIDGE 242-82	2023 2022 %	15742 15027 4.76%	16160 16391 -1.41%	16892 16965 -0.43%	18156 17863 1.64%	18930 18388 2.95%								17572
US 30 0.3 MI EAST OF CO RD Z24 DEWITT 243-23	2023 2022 %	8911 8528 4.49%	9100 9228 -1.39%	9502 9477 0.26%	NO DATA 10029	NO DATA 10026	10123	9800	10190	9916	10298	9836	9475	9744
IA 1 0.8 MI SOUTH OF CO RD F67 KALONA 244-52	2023 2022 %	5272 4871 8.23%	5423 5420 0.06%	5736 5631 1.86%	6353 6224 2.07%	6831 6530 4.61%	6273	5931	6085	6293	6296	5825	5370	5896
US 20 1.5 MI EAST OF CO RD V62 JESUP 245-07	2023 2022 %	9173 8810 4.12%	9595 9673 -0.81%	10133 10173 -0.39%	10895 10761 1.25%	11455 11335 1.06%	11472	11498	11505	11277	11271	10492	9611	10657
IA 141 1.0 MI EAST OF WILLIS AVE PERRY 246-25	2023 2022 %	8812 8251 6.80%	9347 9302 0.48%	9360 9394 -0.36%	10343 10034 3.08%	10806 10525 2.67%	10300	9888	10321	10137	10326	9791	8912	9766
US 20 3.0 MI EAST OF EAST JCT IA 17 WEBSTER CITY 247-40	2023 2022 %	8808 9328 -5.57%	9378 9386 -0.09%	10007 10112 -1.04%	10788 10518 2.57%	11440 11339 0.89%	11697	11803	11777	11391	11419	10979	9608	10780

**COMPARISON OF THE MONTHLY AVERAGE DAILY TRAFFIC (MADT) FOR 2023 AND 2022
AND ANNUAL AVERAGE DAILY TRAFFIC (AADT)**

RURAL PRIMARY

LOCATION AND STATION NUMBER		JAN. MADT	FEB. MADT	MARCH MADT	APRIL MADT	MAY MADT	JUNE MADT	JULY MADT	AUG. MADT	SEPT. MADT	OCT. MADT	NOV. MADT	DEC. MADT	ANNUAL AADT
US 30 3.6 MI EAST OF IA 144 GRAND JUNCTION 269-37	2023	3698	3901	3973	4350	4738								
	2022	3614	4007	4098	4352	4501	4465	4321	4532	4591	4588	4253	3867	4266
	%	2.32%	-2.65%	-3.05%	-0.05%	5.27%								
US 71 3.6 MI SOUTH OF IA 3 STORM LAKE 270-11	2023	2476	2413	2522	2771	3201								
	2022	2324	2427	2557	2680	3037	3376	3407	3241	3360	2849	2564	2433	2855
	%	6.54%	-0.58%	-1.37%	3.40%	5.40%								
US 18 4.3 MI EAST OF IA 4 EMMETSBURG 271-74	2023	2201	2270	2379	2655	2933								
	2022	2220	2299	2456	2511	2704	2852	2759	2724	2836	2665	2286	2155	2539
	%	-0.86%	-1.26%	-3.14%	5.73%	8.47%								
US 71 5.2 MI SOUTH OF WEST JCT US 6 ATLANTIC 272-15	2023	2066	2108	2254	2417	2550								
	2022	2039	2245	2489	2692	NO DATA	NO DATA	NO DATA	2620	2636	2650	2313	2128	2425
	%	1.32%	-6.10%	-9.44%	-10.22%									
US 34 3.6 MI EAST OF CO RD 556 RUSSELL 273-59	2023	1847	1757	1924	2195	2405								
	2022	1762	1878	1983	2110	2355	2386	2341	2296	2335	2239	2080	1856	2136
	%	4.82%	-6.44%	-2.98%	4.03%	2.12%								
IA 163 2.6 MI WEST OF CO RD G28 PELLA 274-63	2023	10886	11456	12097	13167	14359								
	2022	10277	11563	12229	12726	14013	13263	12869	13790	12972	12966	12048	11301	12502
	%	5.93%	-0.93%	-1.08%	3.47%	2.47%								
US 20 0.5 MI WEST OF CENTER AVE EPWORTH 275-31	2023	12526	12509	13607	14963	15637								
	2022	12089	12967	13469	14319	15194	15538	15119	15748	15380	15508	14409	13457	14434
	%	3.61%	-3.53%	1.02%	4.50%	2.92%								
US 63 1.5 MI NORTH OF IA 9 LIME SPRINGS 276-45	2023	2992	3024	3519	NO DATA	NO DATA								
	2022	2879	3028	3488	3619	3946	4168	3950	4028	3797	4002	3408	3110	3619
	%	3.92%	-0.13%	0.89%										
US 34 1.1 MI EAST OF IA 16 AGENCY 277-90	2023	7588	7935	8437	8933	9252								
	2022	7001	7777	8557	8808	9288	9290	8798	9251	9381	9156	8606	7805	8644
	%	8.38%	2.03%	-1.40%	1.42%	-0.39%								

IA 141 0.5 MI NORTH OF IA 44
GRIMES
278-77

MONTHLY AVERAGE DAILY TRAFFIC (MADT) VARIATIONS FOR SITE #278 ARE NOW INCLUDED IN THE MUNICIPAL PRIMARY GROUP

**COMPARISON OF THE MONTHLY AVERAGE DAILY TRAFFIC (MADT) FOR 2023 AND 2022
AND ANNUAL AVERAGE DAILY TRAFFIC (AADT)**

RURAL PRIMARY

LOCATION AND STATION NUMBER		JAN. MADT	FEB. MADT	MARCH MADT	APRIL MADT	MAY MADT	JUNE MADT	JULY MADT	AUG. MADT	SEPT. MADT	OCT. MADT	NOV. MADT	DEC. MADT	ANNUAL AADT
IA 13 1.5 MI NORTH OF CO RD C64 DUNDEE 279-28	2023	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA								
	2022	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO AADT
	%													
IA 2 2.0 MI WEST OF I 35 LEON 280-27	2023	1222	1241	1307	1487	1597								
	2022	1146	1253	1398	1639	NO DATA	1555	1450	1491	1445	1459	1387	1284	1410
	%	6.63%	-0.96%	-6.51%	-9.27%									
US 151 4.4 MI SOUTH OF IA 38 MONTICELLO 281-53	2023	10276	10447	11485	12367	13367								
	2022	9691	10822	11336	11993	12971	13320	13867	13366	13176	13151	12097	11274	12256
	%	6.04%	-3.47%	1.31%	3.12%	3.05%								
US 52 9.5 MI SOUTH OF IA 62 BELLEVUE 282-49	2023	638	655	709	833	1068								
	2022	557	659	722	816	975	1045	1126	1053	1080	1178	839	690	895
	%	14.54%	-0.61%	-1.80%	2.08%	9.54%								
US 61/218 0.8 MI SOUTH OF N JCT US 61/218 KEOKUK 283-56	2023	7082	7445	7680	8078	8334								
	2022	6936	7267	7718	8002	8244	8160	7774	8159	7992	8065	7433	7270	7752
	%	2.10%	2.45%	-0.49%	0.95%	1.09%								
IA 9 1.0 MI WEST OF 6TH ST LANSING 284-03	2023	1422	1489	1611	1739	2186								
	2022	1383	1486	1558	1772	2110	2183	2435	2272	2262	2189	1727	1581	1914
	%	2.82%	0.20%	3.40%	-1.86%	3.60%								
US 20 1.3 MI EAST OF IA 4 ROCKWELL CITY 285-13	2023	5873	6291	6938	7621	8258								
	2022	5847	6438	7024	7380	8148	8559	8485	8546	8459	8064	7805	6494	7605
	%	0.44%	-2.28%	-1.22%	3.27%	1.35%								
US 34 2.0 MI WEST OF I 29 GLENWOOD 286-65	2023	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA								
	2022	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO AADT
	%													
US 20 0.6 MI EAST OF US 75 LAWTON 287-97	2023	11357	12161	12819	13732	NO DATA								
	2022	11390	12161	12749	13361	14037	14124	13399	14288	14084	14554	13200	11835	13261
	%	-0.29%	0.00%	0.55%	2.78%									
US 63 0.5 MI SOUTH OF IA 163 OSKALOOSA 288-62	2023	10991	11375	12185	12968	13871								
	2022	10184	11255	12232	12763	13382	13429	12815	13494	13072	13016	12180	11383	12434
	%	7.92%	1.07%	-0.38%	1.61%	3.65%								
US 61 3.3 MI NORTH OF E. JCT. IA 22 & IA 38 MUSCATINE 289-70	2023	9954	10238	10515	11310	11582								
	2022	9353	10404	10848	11459	11618	11518	11190	11433	11530	11413	10622	9876	10939
	%	6.43%	-1.60%	-3.07%	-1.30%	-0.31%								
TOTAL	2023	359395	372481	402802	403369	398190								
	2022	347418	375973	407049	394328	388464								
	%	3.45%	-0.93%	-1.04%	2.29%	2.50%								

NOTE: Numbers in red denote MADT's computed with partial monthly data due to road closures, detours, or insufficient data that were too sporadic to be used in the monthly calculations.

**COMPARISON OF THE MONTHLY AVERAGE DAILY TRAFFIC (MADT) FOR 2023 AND 2022
AND ANNUAL AVERAGE DAILY TRAFFIC (AADT)**

RURAL COUNTY - PAVED

LOCATION AND STATION NUMBER		JAN. MADT	FEB. MADT	MARCH MADT	APRIL MADT	MAY MADT	JUNE MADT	JULY MADT	AUG. MADT	SEPT. MADT	OCT. MADT	NOV. MADT	DEC. MADT	ANNUAL AADT
CO RD W12 3.5 MI SOUTH OF US 30 WATKINS 311-06	2023 2022 %	675 615 9.76%	689 689 0.00%	730 692 5.49%	806 778 3.60%	892 838 6.44%		799 735	705	NO DATA NO DATA	NO DATA		718	731
CO RD E26 2.7 MI WEST OF CO RD R38 BOONE 312-08	2023 2022 %	1463 1512 -3.24%	1574 1689 -6.81%	1578 1723 -8.42%	1817 1855 -2.05%	1873 1932 -3.05%		1969 1863	1942	2010	2054	1729	1555	1820
CO RD D42 0.2 MI EAST OF IA 13 MANCHESTER 313-28	2023 2022 %	587 568 3.35%	560 587 -4.60%	634 650 -2.46%	787 754 4.38%	968 932 3.86%		996 960	923	860	840	716	606	783
CO RD 105 1.3 MI EAST OF CO RD S56 NORTHWOOD 314-98	2023 2022 %	549 559 -1.79%	559 612 -8.66%	609 620 -1.77%	713 696 2.44%	766 770 -0.52%			805 744	739	761	763	638	517 686
CO RD 5.5 MI WEST OF US 63 DRAKESVILLE 315-26	2023 2022 %	581 512 13.48%	584 575 1.57%	637 631 0.95%	784 694 12.97%	963 884 8.94%								736
CO RD D36 2.8 MI EAST OF CO RD N57 ROCKWELL CITY 316-13	2023 2022 %	712 709 0.42%	803 833 -3.60%	865 895 -3.35%	964 NO DATA	979 NO DATA								853
TOTAL RURAL COUNTY PAVED	2023 2022 %	10896 11071 -1.58%	11616 12111 -4.09%	12331 12662 -2.61%	13406 12843 4.38%	13495 12993 3.86%								

NOTE: Numbers in red denote MADT's computed with partial monthly data due to road closures, detours, or insufficient data that were too sporadic to be used in the monthly calculations.
* ATR 316-13 JULY 2022 MADT IS LOW DUE TO CO RD D36 REOPENING AFTER 3 MONTH CLOSURE.

**COMPARISON OF THE MONTHLY AVERAGE DAILY TRAFFIC (MADT) FOR 2023 AND 2022
AND ANNUAL AVERAGE DAILY TRAFFIC (AADT)**

RURAL COUNTY - GRAVEL

LOCATION AND STATION NUMBER		JAN. MADT	FEB. MADT	MARCH MADT	APRIL MADT	MAY MADT	JUNE MADT	JULY MADT	AUG. MADT	SEPT. MADT	OCT. MADT	NOV. MADT	DEC. MADT	ANNUAL AADT
CO RD B30 0.5 MI EAST OF CO RD L48 PRIMGHAR 400-71	2023 2022 %	15 16 -6.25%	16 15 6.67%	14 16 -12.50%	17 17 0.00%	24 24 0.00%								
LOCAL ROAD 1.80 MI NORTH OF CO RD E36 CLUTIER 401-86	2023 2022 %	27 22 22.73%	24 20 20.00%	22 22 0.00%	30 29 3.45%	35 38 -7.89%								
LOCAL ROAD .80 MI EAST OF CO RD V18 CLUTIER 402-86	2023 2022 %	30 28 7.14%	25 23 8.70%	38 29 31.03%	43 34 26.47%	41 52 -21.15%								
CO RD H47 5.0 MI SOUTH OF US 34 ALBIA 403-68	2023 2022 %	70 75 -6.67%	66 80 -17.50%	72 78 -7.69%	84 96 -12.50%	86 96 -10.42%								
LOCAL ROAD 2.5 MI NORTH OF US 18 BASSETT 405-19	2023 2022 %	42 42 0.00%	39 47 -17.02%	43 51 -15.69%	65 68 -4.41%	108 110 -1.82%								
LOCAL ROAD 2.0 MI EAST OF US 169 LORIMOR 406-88	2023 2022 %	50 44 13.64%	45 50 -10.00%	48 55 -12.73%	61 56 8.93%	61 54 12.96%								
CO ROAD H23 2.0 MI EAST OF US 169 LORIMOR 407-88	2023 2022 %	57 48 18.75%	50 51 -1.96%	55 52 5.77%	66 56 17.86%	70 64 9.38%								
TOTAL RURAL COUNTY GRAVEL	2023 2022 %	291 275 5.82%	265 286 -7.34%	292 303 -3.63%	366 356 2.81%	425 438 -2.97%								
TOTAL RURAL COUNTY PAVED & GRAVEL	2023 2022 %	11187 11346 -1.40%	11881 12397 -4.16%	12623 12965 -2.64%	13772 13199 4.34%	13920 13431 3.64%								

NOTE: Numbers in red denote MADT's computed with partial monthly data due to road closures, detours, or insufficient data that were too sporadic to be used in the monthly calculations.

**COMPARISON OF THE MONTHLY AVERAGE DAILY TRAFFIC (MADT) FOR 2023 AND 2022
AND ANNUAL AVERAGE DAILY TRAFFIC (AADT)**

RECREATIONAL PRIMARY

LOCATION AND STATION NUMBER		JAN. MADT	FEB. MADT	MARCH MADT	APRIL MADT	MAY MADT	JUNE MADT	JULY MADT	AUG. MADT	SEPT. MADT	OCT. MADT	NOV. MADT	DEC. MADT	ANNUAL AADT
US 71 0.1 MI SOUTH OF CO RD B14	2023	6981	7058	7376	8234	9734								
FOSTORIA	2022	7005	7117	7657	8239	9449	10336	10572	9954	10331	8492	7603	6834	8638
500-21	%	-0.34%	-0.83%	-3.67%	-0.06%	3.02%								
IA 5 3.8 MI SOUTH OF US 34	2023	3470	3516	3852	4562	5295								
MORAVIA	2022	3208	3501	3828	4349	4917	4934	5025	4627	4599	4405	3930	3575	4242
501-68	%	8.17%	0.43%	0.63%	4.90%	7.69%								
IA 415 0.5 MI WEST OF NW POLK CITY RD	2023	8995	9358	9560	11254	12425								
POLK CITY	2022	8115	9147	9438	10539	11850	12463	11893	11832	11431	11327	9941	8868	10571
503-77	%	10.84%	2.31%	1.29%	6.78%	4.85%								
TOTAL RECREATIONAL PRIMARY	2023	19446	19932	20788	24050	27454								
	2022	18328	19765	20923	23127	26216								
	%	6.10%	0.84%	-0.65%	3.99%	4.72%								

RECREATIONAL SECONDARY

LOCATION AND STATION NUMBER		JAN. MADT	FEB. MADT	MARCH MADT	APRIL MADT	MAY MADT	JUNE MADT	JULY MADT	AUG. MADT	SEPT. MADT	OCT. MADT	NOV. MADT	DEC. MADT	ANNUAL AADT
CO RD F25 0.1 MI WEST OF CO RD P18	2023	101	108	120	163	239								
SPRINGBROOK STATE PARK	2022	92	105	116	141	226	232	247	194	206	196	137	114	168
600-39	%	9.78%	2.86%	3.45%	15.60%	5.75%								
ENTRANCE TO GEORGE WYTH STATE PARK	2023	367	368	437	778	1283								
WATERLOO	2022	386	389	486	626	1225	1310	1216	948	812	608	335	271	718
602-07	%	-4.92%	-5.40%	-10.08%	24.28%	4.73%								
ENTRANCE TO GREEN VALLEY STATE PARK	2023	155	202	214	336	585								
GREEN VALLEY STATE PARK	2022	156	198	243	291	497	532	488	387	406	304	166	138	318
603-88	%	-0.64%	2.02%	-11.93%	15.46%	17.71%								
TOTAL RECREATIONAL SECONDARY	2023	623	678	771	1277	2107								
	2022	634	692	845	1058	1948								
	%	-1.74%	-2.02%	-8.76%	20.70%	8.16%								
TOTAL RECREATIONAL PRIMARY AND SECONDARY	2023	20069	20610	21559	25327	29561								
	2022	18962	20457	21768	24185	28164								
	%	5.84%	0.75%	-0.96%	4.72%	4.96%								

NOTE: Numbers in red denote MADT's computed with partial monthly data due to road closures, detours, or insufficient data that were too sporadic to be used in the monthly calculations.

**COMPARISON OF THE MONTHLY AVERAGE DAILY TRAFFIC (MADT) FOR 2023 AND 2022
AND ANNUAL AVERAGE DAILY TRAFFIC (AADT)**

MUNICIPAL INTERSTATE

LOCATION AND STATION NUMBER		JAN. MADT	FEB. MADT	MARCH MADT	APRIL MADT	MAY MADT	JUNE MADT	JULY MADT	AUG. MADT	SEPT. MADT	OCT. MADT	NOV. MADT	DEC. MADT	ANNUAL AADT
I 380 BTWN WILSON AVE AND 33RD AVE CEDAR RAPIDS 701-57	2023	60389	62127	65112	69287	71337								
	2022	56419	62263	65258	68611	69674	70642	67678	69352	69935	70375	65433	58940	66215
	%	7.04%	-0.22%	-0.22%	0.99%	2.39%								
I 380 AT J AVE BRIDGE S OF COLDSTREAM CEDAR RAPIDS 703-57	2023	72592	74075	77825	82006	82478								
	2022	69273	76539	78676	81738	82807	83613	80216	81708	82269	83162	77628	71238	79073
	%	4.79%	-3.22%	-1.08%	0.33%	-0.40%								
I 29/80 0.6 MI WEST OF IA 192 COUNCIL BLUFFS 704-78	2023	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA								
	2022	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO AADT
	%													
I 74 0.6 MI SOUTH OF US 6 BETTENDORF 705-82	2023	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA								
	2022	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO AADT
	%													
I 280 0.3 MI SOUTH OF IA 22 DAVENPORT 708-82	2023	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA								
	2022	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO AADT
	%													
I 35 NORTH OF ORALABOR RD ANKENY 709-77	2023	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA								
	2022	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO AADT
	%													
I 235 0.7 MI NORTH OF EUCLID AVE DES MOINES 714-77	2023	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA								
	2022	60479	69702	72181	76425	78594	79158	73801	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	72945
	%													
I 29 1.5 MI EAST OF IA 12 SIOUX CITY 715-97	2023	34313	36782	38757	41292	44020								
	2022	34327	36840	38851	40375	42617	43869	42348	42477	41994	42234	38461	35150	39962
	%	-0.04%	-0.16%	-0.24%	2.27%	3.29%								
I 35/80 0.8 MI WEST OF IA 415 DES MOINES 716-77	2023	83081	NO DATA	NO DATA	NO DATA	105149								
	2022	78759	87039	91845	96739	99089	102247	99379	106360	102651	NO DATA	NO DATA	NO DATA	96010
	%	5.49%				6.12%								
I 380 1.0 MI WEST OF EVANSDALE DR EVANSDALE 717-07	2023	28467	29629	31997	33842	35576								
	2022	27348	30005	32453	33559	34988	36096	35373	35660	35111	35167	33194	29113	33173
	%	4.09%	-1.25%	-1.41%	0.84%	1.68%								
I 80 0.8 MI WEST OF JORDAN CREEK PARKWAY WAUKEE 116-25	2023	44877	46116	49231	54577	58429								
	2022	41468	45830	49508	54568	58103	60386	58223	59921	58540	57524	52277	48508	53738
	%	8.22%	0.62%	-0.56%	0.02%	0.56%								
I 80 1.8 MI EAST OF EAST JCT. I 35/80/235 ALTOONA 117-77	2023	77200	80177	84498	91256	97123								
	2022	73016	80064	85283	89249	94178	96759	95401	96392	93002	92143	87497	84577	88965
	%	5.73%	0.14%	-0.92%	2.25%	3.13%								
I 380 6.0 MI NORTH OF I 80 NORTH LIBERTY 125-52	2023	48897	50841	54059	58254	60430								
	2022	45039	50091	52897	54925	56466	57534	56288	57456	58201	57990	54326	51040	54355
	%	8.57%	1.50%	2.20%	6.06%	7.02%								
TOTAL MUNICIPAL INTERSTATE	2023	449816	379747	401479	430514	554542								
	2022	425649	381632	402926	423025	537922								
	%	5.68%	-0.49%	-0.36%	1.77%	3.09%								

NOTE: Numbers in red denote MADT's computed with partial monthly data due to road closures, detours, or insufficient data that were too sporadic to be used in the monthly calculations.

**COMPARISON OF THE MONTHLY AVERAGE DAILY TRAFFIC (MADT) FOR 2023 AND 2022
AND ANNUAL AVERAGE DAILY TRAFFIC (AADT)**

MUNICIPAL PRIMARY

LOCATION AND STATION NUMBER		JAN. MADT	FEB. MADT	MARCH MADT	APRIL MADT	MAY MADT	JUNE MADT	JULY MADT	AUG. MADT	SEPT. MADT	OCT. MADT	NOV. MADT	DEC. MADT	ANNUAL AADT
US 6 EAST OF PINE ST DAVENPORT 813-82	2023 2022 %	17553 NO DATA %	18349 18632 -1.52%	19851 18862 5.24%	21451 19371 10.74%	NO DATA 19884	19562	18916	19153	19038	19488	18516	18305	19067
IA 922 NORTH OF WILEY BLVD CEDAR RAPIDS 815-57	2023 2022 %	9770 9047 7.99%	9832 9529 3.18%	10335 10059 2.74%	10980 10465 4.92%	11663 11089 5.18%	11260	10952	11009	10676	10831	10396	10067	10449
US 34 WEST OF US 61 WEST BURLINGTON 816-29	2023 2022 %	12175 11426 6.56%	12619 12262 2.91%	13045 13074 -0.22%	13739 13475 1.96%	13661 13860 -1.44%	13800	13245	13574	13660	13766	13044	11675	13072
IA 9 EAST OF 14TH ST OSAGE 819-66	2023 2022 %	3278 3186 2.89%	3285 3305 -0.61%	3549 3516 0.94%	4111 4108 0.07%	4527 4635 -2.33%	4456	4367	4315	4061	4155	3651	3377	3928
IA 17 NORTH OF NW 11TH ST EAGLE GROVE 820-99	2023 2022 %	2950 2746 7.43%	2892 2885 0.24%	2970 2955 0.51%	3116 3090 0.84%	3233 3187 1.44%	3104	3068	3041	3012	3010	2967	2898	2997
IA 4 SOUTH OF EDGEWOOD AVE EAST JEFFERSON 821-37	2023 2022 %	3269 3263 0.18%	3356 3543 -5.28%	3482 3672 -5.17%	4092 4034 1.44%	4365 4348 0.39%	4202	3898	4001	4139	4265	3662	3302	3861
US 6 EAST OF SYCAMORE ST IOWA CITY 823-52	2023 2022 %	19373 18714 3.52%	19882 20455 -2.80%	20389 20686 -1.44%	21631 21766 -0.62%	22303 22501 -0.88%	21876	20936	21911	22244	22448	20381	19313	21103
US 69 NORTH OF 15TH ST AMES 824-85	2023 2022 %	15299 14721 3.93%	16185 16154 0.19%	16024 16175 -0.93%	17319 17435 -0.67%	17550 17772 -1.25%	17138	16423	17331	17640	17764	NO DATA	16236	16800
US 65 1.5 MI NORTH OF I-80 BONDURANT 826-77	2023 2022 %	14052 13809 1.76%	15105 14881 1.51%	15855 15901 -0.29%	17368 17102 1.56%	18628 18236 2.15%	18044	17169	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	16450
US 61/151 @ MISSISSIPPI RIVER BRIDGE DUBUQUE 827-31	2023 2022 %	17596 17958 -2.02%	18736 19483 -3.83%	20624 20771 -0.71%	22273 21829 2.03%	23726 23441 1.22%	24303	24505	24013	23427	23206	21251	19646	21987

**COMPARISON OF THE MONTHLY AVERAGE DAILY TRAFFIC (MADT) FOR 2023 AND 2022
AND ANNUAL AVERAGE DAILY TRAFFIC (AADT)**

MUNICIPAL PRIMARY

LOCATION AND STATION NUMBER		JAN. MADT	FEB. MADT	MARCH MADT	APRIL MADT	MAY MADT	JUNE MADT	JULY MADT	AUG. MADT	SEPT. MADT	OCT. MADT	NOV. MADT	DEC. MADT	ANNUAL AADT
IA 150 SOUTH OF 12TH ST DELWEIN 828-33	2023 2022 %	5564 5314 4.70%	5725 5630 1.69%	5639 5732 -1.62%	6230 5972 4.32%	6664 6518 2.24%		6472 6071	6149	6253	6479	5849	5657	6009
IA 23 1.0 MI SOUTH OF IA 92 OSKALOOSA 830-62	2023 2022 %	2357 2315 1.81%	2346 2444 -4.01%	2456 2585 -4.99%	2649 2653 -0.15%	2651 2957 -10.35%	2959	2867	2819	2804	2831	2558	2407	2684
IA 5 WEST OF FLEUR DRIVE DES MOINES 831-92	2023 2022 %	NO DATA NO DATA %	NO DATA NO DATA %	NO DATA NO DATA %	NO DATA NO DATA %	NO DATA NO DATA %	NO DATA NO DATA	NO DATA NO DATA	NO DATA NO DATA	NO DATA NO DATA	NO DATA NO DATA	NO DATA NO DATA	NO DATA NO DATA	NO AADT
US 65 2.1 MI NORTH OF IA 163 PLEASANT HILL 250-77	2023 2022 %	27196 25133 8.21%	28421 27886 1.92%	29232 29164 0.23%	32480 31366 3.55%	34209 32860 4.11%	33379	32359	36130	32830	32912	30378	28293	31058
IA 141 0.5 MI NORTH OF IA 44 GRIMES 278-77	2023 2022 %	27967 25622 9.15%	29067 27822 4.47%	28982 28735 0.86%	33125 31232 6.06%	35730 33476 6.73%	34424	33171	34207	33109	33035	30257	28702	31150
TOTAL MUNICIPAL PRIMARY	2023 2022 %	212724 203538 4.51%	239078 238149 0.39%	246819 246875 -0.02%	270293 262817 2.84%	259645 254324 2.09%								

NOTE: Numbers in red denote MADT's computed with partial monthly data due to road closures, detours, or insufficient data that were too sporadic to be used in the monthly calculations.

**COMPARISON OF THE MONTHLY AVERAGE DAILY TRAFFIC (MADT) FOR 2023 AND 2022
AND ANNUAL AVERAGE DAILY TRAFFIC (AADT)**

MUNICIPAL STREET

LOCATION AND STATION NUMBER		JAN. MADT	FEB. MADT	MARCH MADT	APRIL MADT	MAY MADT	JUNE MADT	JULY MADT	AUG. MADT	SEPT. MADT	OCT. MADT	NOV. MADT	DEC. MADT	ANNUAL AADT
LAKE ST NORTH OF 3RD ST STORM LAKE 900-11	2023 2022 %	2121 2112 0.43%	2264 2285 -0.92%	2424 2448 -0.98%	2595 2542 2.08%	2838 2776 2.23%								
2ND AVE N EAST OF 15TH ST FORT DODGE 901-94	2023 2022 %	5542 5545 -0.05%	5862 5638 3.97%	5940 6094 -2.53%	NO DATA 6571	NO DATA 6945	6651	6121	6292	6420	6483	5753	5679	6183
LOCUST ST EAST OF SPRING ST DAVENPORT 902-82	2023 2022 %	16759 15410 8.75%	17481 16387 6.68%	17328 17236 0.53%	18557 18486 0.38%	19412 18958 2.39%	17921	17463	18850	19031	19079	17721	16509	17755
JEFFERSON ST NORTHEAST OF E 5TH ST OTTUMWA 903-90	2023 2022 %	NO DATA 3914	NO DATA 4246	NO DATA 4294	NO DATA 4539	NO DATA 4626	4267	4160	4409	4679	NO DATA	NO DATA	NO DATA	4373
JOHNSON AVE WEST OF JANICE DR CEDAR RAPIDS 904-57	2023 2022 %	NO DATA NO DATA	NO DATA NO DATA	NO DATA NO DATA	NO DATA NO DATA	NO DATA NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO AADT
NORTHWESTERN AVE NORTH OF 20TH ST AMES 905-85	2023 2022 %	1771 1651 7.27%	1891 1844 2.55%	1857 1830 1.48%	2286 1978 15.57%	NO DATA 2051	1827	1788	1902	2079	2182	1898	1821	1905
DUBUQUE ST SOUTH OF DAVENPORT IOWA CITY 906-52	2023 2022 %	11029 9887 11.55%	12519 12047 3.92%	12283 11796 4.13%	13806 13109 5.32%	13165 12787 2.96%								
COLLEGE ST SOUTH OF 23RD ST CEDAR FALLS 907-07	2023 2022 %	5812 5765 0.82%	6779 7216 -6.06%	6335 6726 -5.81%	8181 7594 7.73%	7342 7010 4.74%	5486	5122	6583	7485	7748	6504	5503	6562
LINDENWOOD ST SOUTH OF 35TH ST SIOUX CITY 908-97	2023 2022 %	730 742 -1.62%	764 755 1.19%	822 824 -0.24%	881 NO DATA	966 NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	817	NO AADT
HAMILTON BLVD NORTH OF CLIFTON AVE SIOUX CITY 909-97	2023 2022 %	13233 13928 -4.99%	13902 14383 -3.34%	14394 15096 -4.65%	15317 15407 -0.58%	16139 16130 0.06%	15197	14494	14954	15531	15483	14219	13449	14856

**COMPARISON OF THE MONTHLY AVERAGE DAILY TRAFFIC (MADT) FOR 2023 AND 2022
AND ANNUAL AVERAGE DAILY TRAFFIC (AADT)**

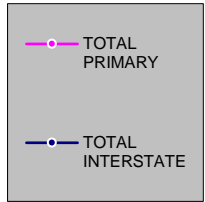
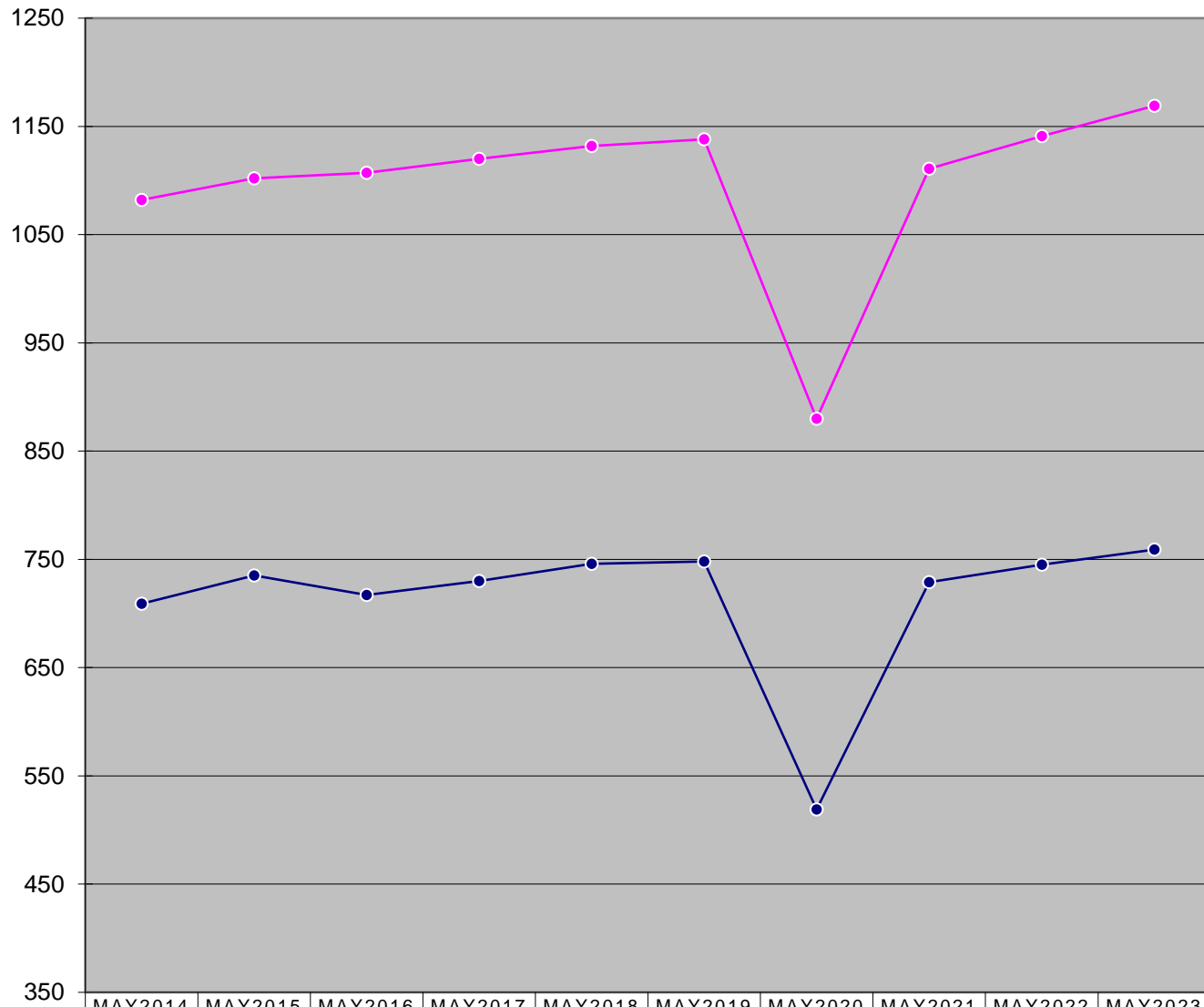
MUNICIPAL STREET

LOCATION AND STATION NUMBER		JAN. MADT	FEB. MADT	MARCH MADT	APRIL MADT	MAY MADT	JUNE MADT	JULY MADT	AUG. MADT	SEPT. MADT	OCT. MADT	NOV. MADT	DEC. MADT	ANNUAL AADT
GRANDVIEW AVE SOUTH OF PLYMOUTH CT	2023	6673	6487	6841	7910	8543								
DUBUQUE	2022	6862	7096	7366	8017	8612	8360	8079	8461	8274	8262	NO DATA	NO DATA	7939
910-31	%	-2.75%	-8.58%	-7.13%	-1.33%	-0.80%								
HUMBOLDT AVE SOUTH OF 4TH ST	2023	522	553	565	638	680								
BODE	2022	542	576	614	647	737	676	638	679	700	819	624	502	647
911-46	%	-3.69%	-3.99%	-7.98%	-1.39%	-7.73%								
ELM ST NORTH OF LUCAS ST	2023	2854	2899	2957	3054	3169								
CRESTON	2022	2668	2851	2912	3046	3155	3124	2950	2955	2979	2974	2802	2840	2939
912-88	%	6.97%	1.68%	1.55%	0.26%	0.44%								
N 16TH ST SOUTH OF AVE "N"	2023	10201	10628	10929	11654	11830								
COUNCIL BLUFFS	2022	9384	10018	10613	11170	11526	11711	11740	11978	12024	11828	11290	10923	11184
914-78	%	8.71%	6.09%	2.98%	4.33%	2.64%								
TOTAL MUNICIPAL STREET	2023	77247	82029	82675	81712	83118								
	2022	74496	81096	83555	80018	81691								
	%	3.69%	1.15%	-1.05%	2.12%	1.75%								

NOTE: Numbers in red denote MADT's computed with partial monthly data due to road closures, detours, or insufficient data that were too sporadic to be used in the monthly calculations.

MAY HISTORICAL VMT

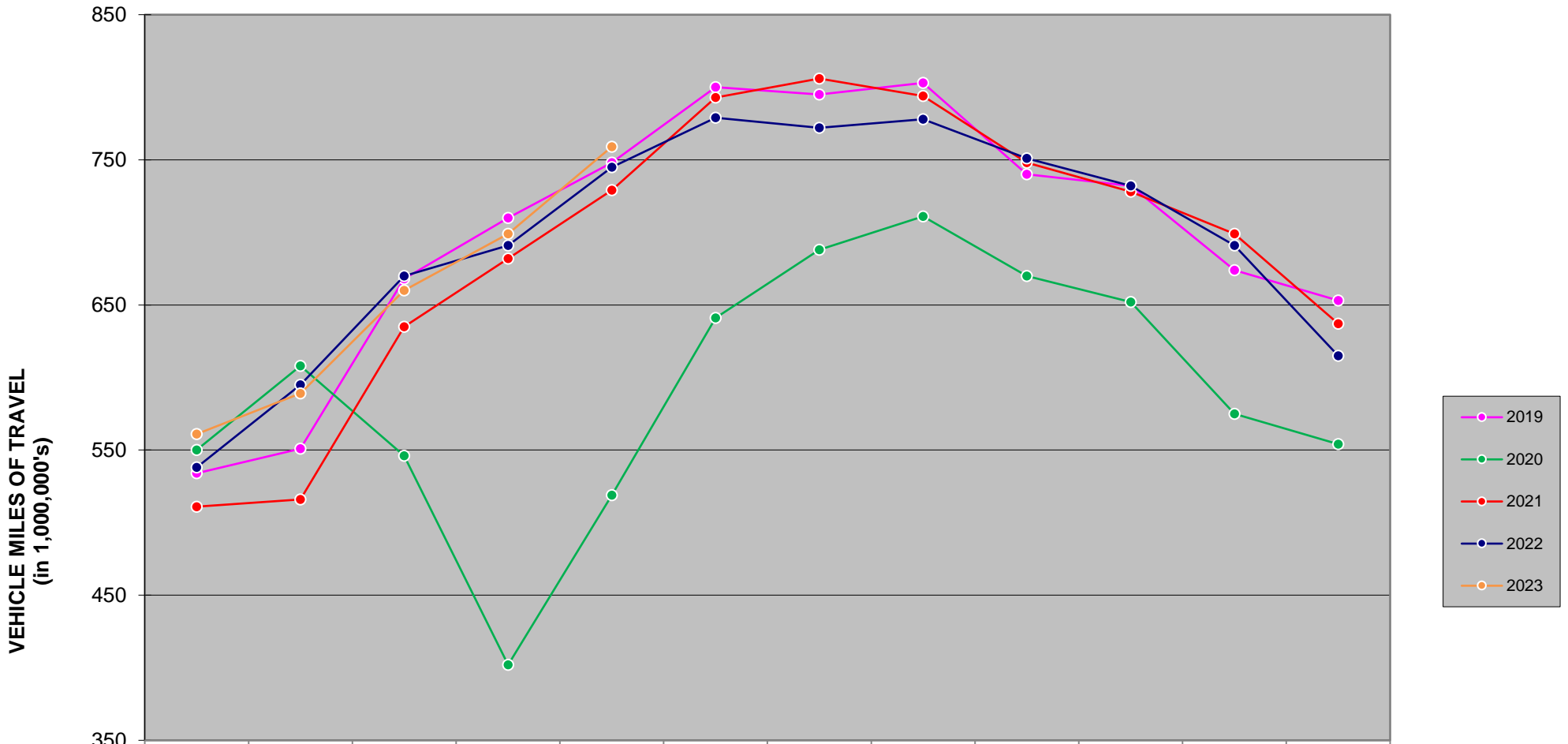
VEHICLE MILES OF TRAVEL
(in 1,000,000's)



	MAY2014	MAY2015	MAY2016	MAY2017	MAY2018	MAY2019	MAY2020	MAY2021	MAY2022	MAY2023
TOTAL PRIMARY	1082	1102	1107	1120	1132	1138	880	1111	1141	1169
TOTAL INTERSTATE	709	735	717	730	746	748	519	729	745	759

YEAR

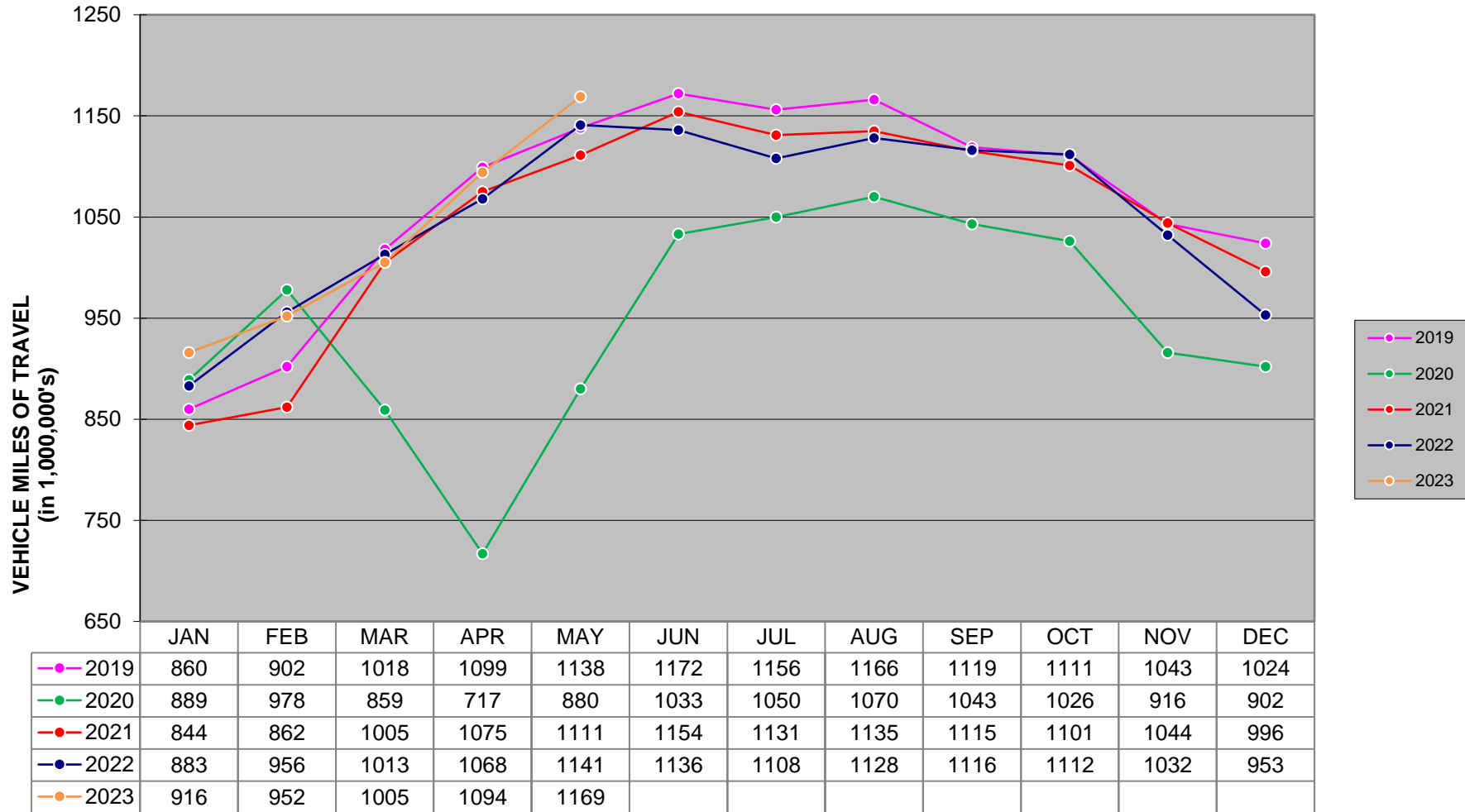
MONTHLY INTERSTATE VMT



	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2019	534	551	668	710	748	800	795	803	740	732	674	653
2020	550	608	546	402	519	641	688	711	670	652	575	554
2021	511	516	635	682	729	793	806	794	748	728	699	637
2022	538	595	670	691	745	779	772	778	751	732	691	615
2023	561	589	660	699	759							

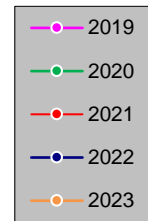
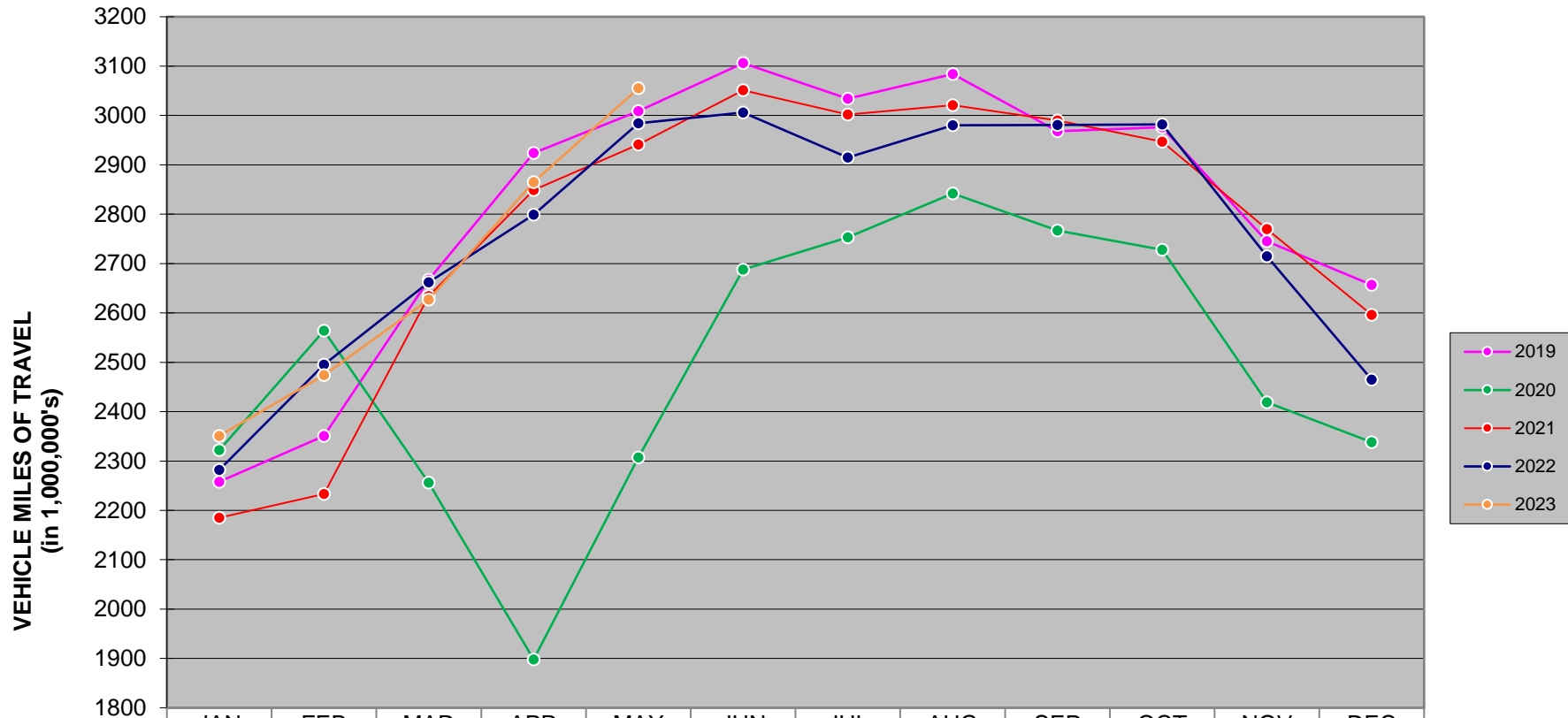
There are 1,155 miles of Interstate in Iowa as of December 31, 2021.

MONTHLY US & IA ROUTE VMT



There are 8,455 miles of US and IA routes in Iowa as of December 31, 2021.

MONTHLY TOTAL STATE VMT (Includes Interstate, US, IA, Secondary & Municipal Roads)



	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2019	2258	2351	2667	2924	3009	3106	3034	3084	2968	2976	2745	2657
2020	2322	2564	2256	1898	2307	2688	2753	2842	2767	2728	2419	2338
2021	2185	2233	2634	2849	2941	3051	3002	3021	2990	2947	2770	2596
2022	2282	2495	2662	2799	2984	3006	2915	2980	2981	2982	2715	2465
2023	2351	2474	2627	2865	3055							