

2023 MINNESOTA E85 + MID-BLENDS STATION REPORT



Minnesota Department of Commerce, Division of Energy Resources
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Energy Information Center: 651-539-1886
Email: E85.Commerce@state.mn.us
<https://mn.gov/commerce/business/weights-measures/fuel/biodiesel/ethanol.jsp>

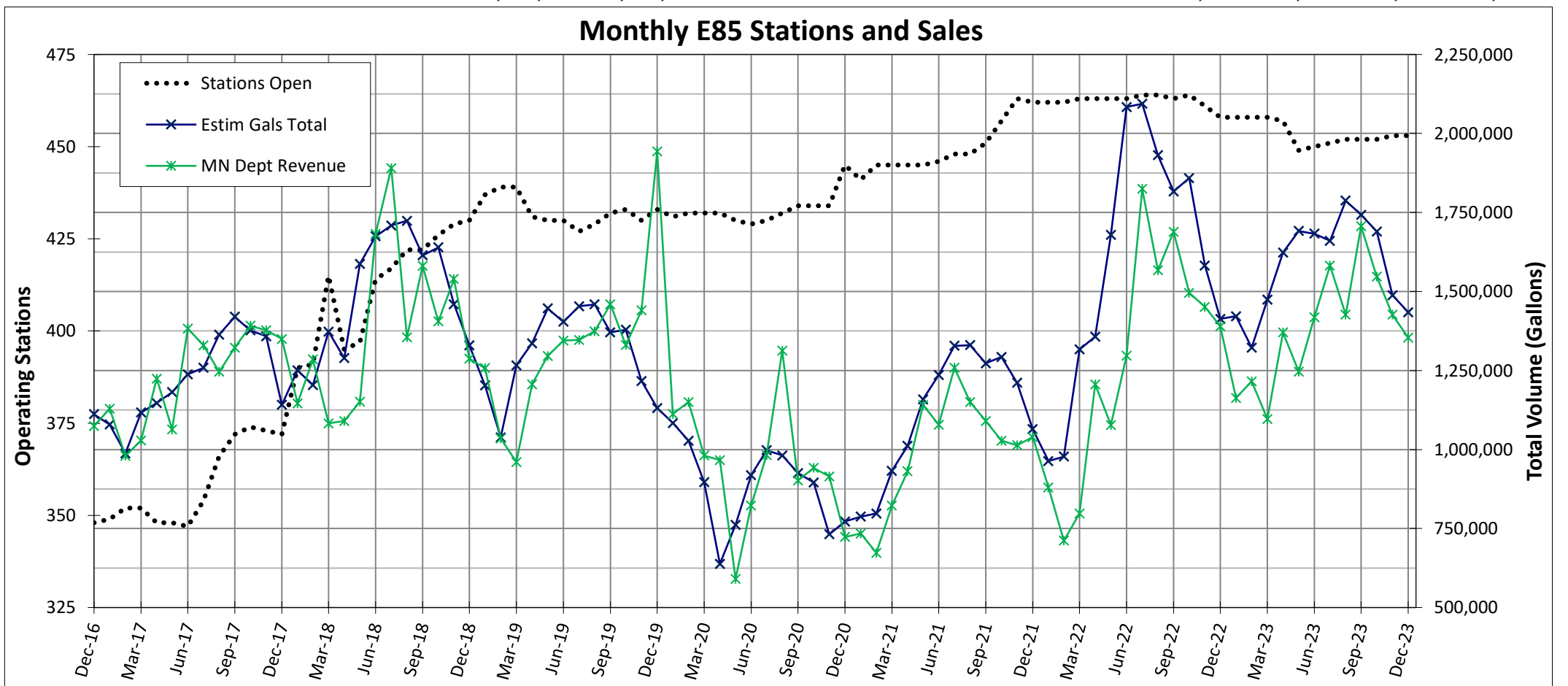
Monthly E85 Data:

	E85 Stations		Total Volume (gal)			Station Volume (gal)			Price***				87 Octane
	Reporting	Operating	Reported	Estimated*	MNDOR****	High	Low	Avg	High	Low	Stn Avg	Vol Avg	Avg**
Jan-23	266	458	825,689	1,421,632	1,162,883	14,047	18	3,104	\$3.87	\$1.22	\$2.58	\$2.52	\$3.20
Feb-23	266	458	768,056	1,322,246	1,216,022	15,081	39	2,887	\$4.05	\$1.23	\$2.62	\$2.55	\$3.28
Mar-23	265	458	852,837	1,473,844	1,096,379	19,657	45	3,218	\$3.99	\$1.29	\$2.60	\$2.53	\$3.24
Apr-23	264	457	938,072	1,623,721	1,370,347	32,487	93	3,553	\$4.05	\$1.42	\$2.79	\$2.71	\$3.47
May-23	265	449	998,203	1,691,383	1,246,673	31,350	26	3,767	\$3.91	\$1.54	\$2.81	\$2.74	\$3.48
Jun-23	351	450	1,312,634	1,683,000	1,418,520	31,754	96	3,740	\$3.99	\$1.57	\$2.82	\$2.76	\$3.46
Jul-23	350	451	1,288,728	1,660,582	1,581,989	33,173	56	3,682	\$4.13	\$1.48	\$2.83	\$2.78	\$3.47
Aug-23	349	452	1,380,419	1,787,660	1,426,329	39,998	103	3,955	\$4.44	\$1.98	\$3.06	\$2.96	\$3.76
Sep-23	348	452	1,341,496	1,742,460	1,707,085	37,973	59	3,855	\$4.49	\$1.43	\$3.11	\$3.02	\$3.84
Oct-23	346	452	1,293,859	1,690,028	1,546,913	25,623	11	3,739	\$4.25	\$1.91	\$2.79	\$2.77	\$3.51
Nov-23	346	453	1,136,885	1,488,558	1,426,630	14,543	67	3,286	\$3.85	\$1.77	\$2.51	\$2.48	\$3.19
Dec-23	340	453	1,076,898	1,434,651	1,353,855	13,522	11	3,167	\$3.65	\$1.59	\$2.30	\$2.26	\$2.92
Total			13,213,776	19,019,765	16,553,625								
Total Avg	313	454						3,496			\$2.73	\$2.67	\$3.40

* Not all stations report. Estimated gallons are determined using the number of stations operating times the station volume (gal) avg monthly volume reported.
 ** EIA Retail Gasoline Historical Prices Minnesota: http://www.eia.gov/dnav/pet/hist/LeafHandler.ashx?n=PET&s=EMM_EPMRU_PTE_SMN_DPG&f=W
 *** Price does not include Gov't/Univ stations. Stn Avg is direct average of station prices. Vol Avg is volume weighted average of station prices.
 **** MNDOR - Minnesota Dept of Revenue Petroleum Collections Report

Historical E85 Sales

# E85 Stations		Total Yearly		Monthly Station Avg Vol (gal)				
Year	Year-End	Volume Est.	MNDOR****	Overall	Metro (TC)	Rural (GM)	Gov't/Univ	
2008	364	22,973,448	1,268,370 < Only 1 month	5,453	9,058	4,047	866	
2009	347	16,236,082	11,278,488	3,826	6,453	2,607	1,386	
2010	356	16,946,435	13,138,359	4,050	6,470	3,122	1,476	
2011	365	20,219,815	16,166,122	4,676	7,549	3,445	1,447	
2012	362	15,138,353	12,624,931	3,493	5,456	2,589	2,041	
2013	357	18,462,367	13,054,109	4,312	6,431	2,984	2,912	
2014	291	16,883,385	13,440,945	4,702	6,891	3,414	3,524	
2015	305	14,618,092	13,183,249	4,118	5,673	3,156	4,014	
2016	348	13,452,687	12,580,108	3,472	4,702	2,667	3,244	
2017	372	14,668,857	14,825,639	3,402	4,360	2,708	4,042	
2018	430	17,854,600	16,498,437	3,604	4,560	2,908	3,037	
2019	433	15,705,081	15,994,818	3,028	3,639	2,579	3,158	
2020	445	10,631,867	11,402,543	2,048	2,457	1,773	1,926	
2021	463	13,424,918	11,960,834	2,486	3,020	2,245	1,632	
2022	464	19,074,749	15,387,839	3,436	3,860	3,315	1,471	
2023	458	To Date >	19,019,765 < To Date	To Date >	3,496	4,072	3,286	1,399



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Monthly Mid-Blends Data:

	MidBlend Stations		Total Volume Reported (gal)						Price Average (gal)				
	Reporting	Operating	E50:	E40:	E30:	E20:	E15:	Estimated	E50:	E40:	E30:	E20:	E15:
Jan-23	282	444	9,094		71,510	28,979	9,662,047	15,385,120	\$2.61		\$2.96	\$3.06	\$3.05
Feb-23	282	444	8,260		52,877	29,537	8,656,446	13,772,062	\$2.69		\$3.01	\$3.10	\$3.14
Mar-23	280	444	9,496		57,733	34,327	9,385,848	15,044,312	\$2.64		\$3.00	\$3.09	\$3.13
Apr-23	285	445	13,495		66,208	43,463	9,347,795	14,787,991	\$2.86		\$3.16	\$3.27	\$3.33
May-23	286	446	10,032		67,514	31,454	10,077,188	15,884,754	\$2.89		\$3.18	\$3.26	\$3.31
Jun-23	385	450	9,600		66,699	30,851	11,478,983	13,542,232	\$2.88		\$3.16	\$3.27	\$3.32
Jul-23	387	451	9,822		71,149	31,636	11,528,566	13,566,327	\$2.93		\$3.22	\$3.34	\$3.33
Aug-23	395	459	8,963		76,602	29,939	11,982,675	14,058,390	\$3.14		\$3.43	\$3.54	\$3.57
Sep-23	396	461	8,850		80,714	32,529	11,305,990	13,303,904	\$3.20		\$3.46	\$3.52	\$3.67
Oct-23	393	463	9,139		75,189	31,313	11,583,657	13,783,142	\$2.98		\$3.18	\$3.22	\$3.31
Nov-23	396	466	7,270		65,115	29,711	11,267,451	13,379,315	\$2.75		\$2.90	\$2.94	\$2.97
Dec-23	390	468	6,638		58,103	26,352	11,283,133	13,649,070	\$2.46		\$2.69	\$2.71	\$2.74
Total			110,657		809,412	380,090	127,559,779	170,156,620					
Total Avg	346	453							\$2.84		\$3.11	\$3.19	\$3.24

Historical MidBlend Sales

Year	# Stations Year-End	Total Volume Reported (gal)						Price Average (gal)				
		E50:	E40:	E30:	E20:	E15:	Estimated	E50:	E40:	E30:	E20:	E15:
2010	64	137,456	5,239	403,017	312,256		1,772,630	\$2.45	\$2.46	\$2.57	\$2.65	
2011	72	143,519	52,012	508,017	508,017		2,267,955	\$3.19	\$3.19	\$3.31	\$3.39	
2012	76	118,341	43,419	414,288	352,051	4,889	1,808,292	\$3.28	\$3.28	\$3.38	\$3.45	\$3.47
2013	78	71,991	5,136	193,803	192,294	42,648	1,483,682	\$3.22	\$3.29	\$3.32	\$3.38	\$3.39
2014	76	87,035	3,206	277,527	215,551	288,203	2,048,400	\$2.93	\$2.83	\$3.04	\$3.10	\$3.13
2015	91	140,421	1,698	457,934	200,233	3,093,927	6,397,612	\$2.04	\$2.19	\$2.17	\$2.22	\$2.25
2016	112	135,558	1,380	497,310	192,444	5,684,048	10,224,151	\$1.76	\$1.81	\$1.89	\$1.96	\$1.96
2017	257	128,994	923	635,328	203,459	19,056,377	28,231,816	\$1.99	\$2.15	\$2.14	\$2.23	\$2.25
2018	337	136,839	379	681,546	234,353	59,999,223	77,603,283	\$2.23	\$2.42	\$2.43	\$2.51	\$2.55
2019	363	114,816	467	648,837	258,542	78,923,406	98,925,257	\$2.20	\$2.19	\$2.33	\$2.42	\$2.42
2020	394	82,549		463,823	210,454	75,078,387	94,017,600	\$1.86		\$1.95	\$1.98	\$1.97
2021	431	102,281		614,395	281,505	87,116,598	131,861,745	\$2.44		\$2.65	\$2.72	\$2.78
2022	445	124,523		760,586	348,757	105,504,622	172,971,787	\$3.17		\$3.48	\$3.54	\$3.61
To Date > 2023		110,657		809,412	380,090	127,559,779	170,156,620	\$2.84		\$3.11	\$3.19	\$3.24