

Nebraska's Average Motor Fuel Prices

Innovation Purpose

The Nebraska Department of Transportation is considering using weekly data from <https://gasprices.aaa.com/?state=NE> for Diesel Fuel to make price adjustments for contract items in AASHTOWare Projects (AWP) with a fuel cost component.

Innovation Description

NDOT currently subscribes to a service to get gas prices, NDOT has decided not to renew the service. NDOT contacted Nebraska Dept. Environment and Energy (NDEE) to help us with the Gas prices data import (they have an MS Access database which they manually maintain). Utilizing technology that we already own we were able to pull the data from the AAA website directly using FME Workbench/Server and load to SQL Server directly (automated). The AASHTOWare Projects (AWP) team can pull the data from SQL Server to AASHTOWare Projects (AWP) Application to calculate the price adjustments for contract items. What was once a manual process is now automated.

Implementation Date

April 2023

Innovation Highlights

1. It is resolved using **internal NDOT resources without paying any cost for the service subscribed** (saving around \$9,500 annually) plus **the employee hours (personnel hours)** - the amount of time an individual spent to collect and enter the data manually into the file or system
2. It may help NDEE, so there will be extra dollar savings (I don't have the exact dollar savings on their end).
3. We don't have to depend on other agencies to provide us the data needed.
4. It helps to calculate the price adjustments for contract items in AASHTOWare Projects (AWP).

Division/District

Business Technology Support, Construction



Innovation Details with Screenshot

The gas prices are available in the AAA website: <https://gasprices.aaa.com/?state=NE> , Nebraska Average and for all seven metro cities in Nebraska (screenshot below, and you can check on the website)

NEBRASKA AVERAGE GAS PRICES ⓘ

	Regular	Mid-Grade	Premium	Diesel
Current Avg.	\$3.488	\$3.669	\$4.113	\$3.917
Yesterday Avg.	\$3.506	\$3.684	\$4.133	\$3.926
Week Ago Avg.	\$3.560	\$3.723	\$4.177	\$3.941
Month Ago Avg.	\$3.156	\$3.379	\$3.827	\$3.888
Year Ago Avg.	\$3.899	\$4.007	\$4.395	\$4.842

HIGHEST RECORDED AVERAGE PRICE

	Price	Date
Regular Unleaded	\$4.790	6/17/22
Diesel	\$5.354	6/19/22

NEBRASKA METRO AVERAGE PRICES ⓘ

Sort A-Z ▼

Expand all | Collapse all



Columbus



The below screenshot is from NDOT SQL Server,

- We are loading the data from AAA website to our server daily.
- The data on our server can be used by anyone in NDOT and, can be shared with other state agencies such as Nebraska Dept. Environment and Energy, etc.,

ID	Period	Regular	Mid	Premium	Diesel	Metro	insDateUtc
31	Current Avg.	3.691	3.667	4.018	3.927	North Platte	2023-04-26 15:47:57.2388626
32	Yesterday Avg.	3.665	3.700	4.116	3.954	North Platte	2023-04-26 15:47:57.2388626
33	Week Ago Avg.	3.712	3.683	4.106	3.945	North Platte	2023-04-26 15:47:57.2388626
34	Month Ago Avg.	3.403	3.443	4.100	3.923	North Platte	2023-04-26 15:47:57.2388626
35	Year Ago Avg.	3.957	3.941	4.292	4.867	North Platte	2023-04-26 15:47:57.2388626
36	Current Avg.	3.506	3.684	4.133	3.926	Nebraska Average	2023-04-26 15:47:57.2388626
37	Yesterday Avg.	3.502	3.703	4.156	3.933	Nebraska Average	2023-04-26 15:47:57.2388626
38	Week Ago Avg.	3.558	3.731	4.175	3.942	Nebraska Average	2023-04-26 15:47:57.2388626
39	Month Ago Avg.	3.172	3.366	3.835	3.897	Nebraska Average	2023-04-26 15:47:57.2388626
40	Year Ago Avg.	3.895	4.016	4.408	4.837	Nebraska Average	2023-04-26 15:47:57.2388626
41	Current Avg.	3.367	3.653	4.085	3.862	Omaha (NE only)	2023-04-27 13:30:02.3025309
42	Yesterday Avg.	3.380	3.689	4.116	3.877	Omaha (NE only)	2023-04-27 13:30:02.3025309
43	Week Ago Avg.	3.489	3.785	4.196	3.900	Omaha (NE only)	2023-04-27 13:30:02.3025309
44	Month Ago Avg.	3.033	3.308	3.784	3.847	Omaha (NE only)	2023-04-27 13:30:02.3025309
45	Year Ago Avg.	3.875	4.029	4.446	4.803	Omaha (NE only)	2023-04-27 13:30:02.3025309
46	Current Avg.	3.574	3.757	4.249	3.903	Kearney	2023-04-27 13:30:02.3025309
47	Yesterday Avg.	3.528	3.818	4.256	3.920	Kearney	2023-04-27 13:30:02.3025309
48	Week Ago Avg.	3.615	3.760	4.343	3.920	Kearney	2023-04-27 13:30:02.3025309
49	Month Ago Avg.	3.236	3.485	3.959	3.819	Kearney	2023-04-27 13:30:02.3025309
50	Year Ago Avg.	3.992	4.075	4.359	4.793	Kearney	2023-04-27 13:30:02.3025309
51	Current Avg.	3.590	3.593	4.269	3.948	Columbus	2023-04-27 13:30:02.3025309
52	Yesterday Avg.	3.556	3.580	4.291	3.942	Columbus	2023-04-27 13:30:02.3025309
53	Week Ago Avg.	3.572	3.359	4.057	3.942	Columbus	2023-04-27 13:30:02.3025309
54	Month Ago Avg.	3.182	3.233	3.881	4.012	Columbus	2023-04-27 13:30:02.3025309
55	Year Ago Avg.	3.924	3.949	4.462	4.871	Columbus	2023-04-27 13:30:02.3025309
56	Current Avg.	3.386	3.787	4.225	3.878	Norfolk	2023-04-27 13:30:02.3025309
57	Yesterday Avg.	3.374	3.793	4.225	3.869	Norfolk	2023-04-27 13:30:02.3025309
58	Week Ago Avg.	3.534	3.787	4.326	3.866	Norfolk	2023-04-27 13:30:02.3025309
59	Month Ago Avg.	3.035	3.460	3.791	3.786	Norfolk	2023-04-27 13:30:02.3025309
60	Year Ago Avg.	3.750	3.957	4.349	4.809	Norfolk	2023-04-27 13:30:02.3025309
61	Current Avg.	3.518	3.692	4.124	3.822	Grand Island	2023-04-27 13:30:02.3025309
62	Yesterday Avg.	3.532	3.682	4.130	3.816	Grand Island	2023-04-27 13:30:02.3025309
63	Week Ago Avg.	3.591	3.770	4.176	3.910	Grand Island	2023-04-27 13:30:02.3025309
64	Month Ago Avg.	3.185	3.466	3.823	3.751	Grand Island	2023-04-27 13:30:02.3025309
65	Year Ago Avg.	3.857	3.955	4.345	4.840	Grand Island	2023-04-27 13:30:02.3025309
66	Current Avg.	3.594	3.775	4.370	3.989	Lincoln	2023-04-27 13:30:02.3025309
67	Yesterday Avg.	3.623	3.758	4.375	3.994	Lincoln	2023-04-27 13:30:02.3025309
68	Week Ago Avg.	3.610	3.821	4.384	3.990	Lincoln	2023-04-27 13:30:02.3025309
69	Month Ago Avg.	3.252	3.464	4.011	4.011	Lincoln	2023-04-27 13:30:02.3025309
70	Year Ago Avg.	3.934	4.035	4.527	4.861	Lincoln	2023-04-27 13:30:02.3025309
71	Current Avg.	3.710	3.704	4.120	3.933	North Platte	2023-04-27 13:30:02.3025309
72	Yesterday Avg.	3.691	3.667	4.018	3.927	North Platte	2023-04-27 13:30:02.3025309
73	Week Ago Avg.	3.670	3.674	4.120	3.950	North Platte	2023-04-27 13:30:02.3025309

