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Next MECS will be fielded in 2023.

**Table 10.18 Percent of Establishments by Levels of Price Difference that Would Cause Fuel Switching from Distillate Fuel Oil to a Less Expensive Substitute, 2018;**

Level: National Data;

Row: NAICS Codes;

Column: Levels of Price Difference;

Unit: Establishment Counts.

		Levels of Price Difference that Would Cause a Switch from Distillate Fuel Oil(c)								
NAICS Code(a)	Subsector and Industry	Establishments Able to Switch(b)	Would Not Switch Due to Price	1 to 10 Percent	11 to 25 Percent	26 to 50 Percent	Over 50 Percent	Estimate Cannot Be Provided	Would Switch to More Expensive Substitute	
<b>Total United States</b>										
311	Food	128	17	4	Q	10	0	11	Q	
3112	Grain and Oilseed Milling	4	D	D	0	D	0	0	0	
311221	Wet Corn Milling	D	D	0	0	0	0	0	0	
31131	Sugar Manufacturing	D	0	0	0	D	0	0	0	
3114	Fruit and Vegetable Preserving and Specialty Food	D	Q	D	0	0	0	0	0	
3115	Dairy Product	23	3	D	D	D	0	8	Q	
3116	Animal Slaughtering and Processing	10	D	0	0	D	0	Q	0	
312	Beverage and Tobacco Products	Q	D	D	Q	0	0	D	0	
3121	Beverages	Q	D	D	Q	0	0	D	0	
3122	Tobacco	0	0	0	0	0	0	0	0	
313	Textile Mills	10	0	10	0	0	0	0	0	
314	Textile Product Mills	Q	0	5	Q	0	0	0	0	
315	Apparel	0	0	0	0	0	0	0	0	
316	Leather and Allied Products	D	0	0	D	0	0	0	0	
321	Wood Products	D	Q	D	D	D	D	0	0	
321113	Sawmills	10	D	D	D	D	D	0	0	
3212	Veneer, Plywood, and Engineered Woods	Q	0	0	0	Q	0	0	0	
321219	Reconstituted Wood Products	0	0	0	0	0	0	0	0	
3219	Other Wood Products	D	D	0	0	0	0	0	0	
322	Paper	19	D	D	D	0	0	6	Q	
322110	Pulp Mills	D	0	0	D	0	0	D	0	
322121	Paper Mills, except Newsprint	5	0	D	D	0	0	D	0	
322122	Newsprint Mills	0	0	0	0	0	0	0	0	
322130	Paperboard Mills	D	D	0	0	0	0	D	0	
323	Printing and Related Support	0	0	0	0	0	0	0	0	
324	Petroleum and Coal Products	43	D	13	D	15	0	7	0	
324110	Petroleum Refineries	4	D	D	0	0	0	D	0	
324121	Asphalt Paving Mixture and Block	34	D	D	D	15	0	D	0	
324122	Asphalt Shingle and Coating Materials	D	D	0	D	0	0	0	0	
324191	Petroleum Lubricating Oil and Grease Products	0	0	0	0	0	0	0	0	
324199	Other Petroleum and Coal Products	D	0	D	0	0	0	0	0	
325	Chemicals	273	20	86	3	12	Q	86	0	
325110	Petrochemicals	D	D	0	0	0	0	0	0	
325120	Industrial Gases	0	0	0	0	0	0	0	0	
325180	Other Basic Inorganic Chemicals	5	D	0	0	D	0	0	0	
325193	Ethyl Alcohol	0	0	0	0	0	0	0	0	
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	0	0	0	0	0	0	0	0	
325199	Other Basic Organic Chemicals	6	D	D	D	0	0	D	0	
325211	Plastics Materials and Resins	Q	0	Q	D	0	0	D	0	
325212	Synthetic Rubber	4	0	D	0	D	0	D	0	
325220	Artificial and Synthetic Fibers and Filaments	D	0	D	0	0	0	D	0	
325311	Nitrogenous Fertilizers	72	0	D	0	D	0	0	0	
325312	Phosphatic Fertilizers	0	0	0	0	0	0	0	0	
3254	Pharmaceuticals and Medicines	11	D	5	0	D	0	D	0	
325412	Pharmaceutical Preparation	9	D	5	0	0	0	D	0	

325992	Photographic Film, Paper, Plate, and Chemicals	D	0	D	0	0	0	0	0
326	Plastics and Rubber Products	Q	0	0	0	0	0	Q	0
327	Nonmetallic Mineral Products	18	0	D	3	Q	3	D	0
327120	Clay Building Material and Refractories	Q	0	0	0	Q	0	0	0
327211	Flat Glass	0	0	0	0	0	0	0	0
327212	Other Pressed and Blown Glass and Glassware	0	0	0	0	0	0	0	0
327213	Glass Containers	0	0	0	0	0	0	0	0
327215	Glass Products from Purchased Glass	D	0	D	D	0	0	0	0
327310	Cements	4	0	D	D	0	0	D	0
327410	Lime	D	0	0	0	0	0	D	0
327420	Gypsum	0	0	0	0	0	0	0	0
327993	Mineral Wool	D	0	D	0	0	0	0	0
331	Primary Metals	22	5	D	D	D	D	10	0
331110	Iron and Steel Mills and Ferroalloys	D	0	D	0	0	D	4	0
3312	Steel Products from Purchased Steel	5	5	0	0	0	0	0	0
3313	Alumina and Aluminum	4	0	0	0	0	0	4	0
331314	Secondary Smelting and Alloying of Aluminum	0	0	0	0	0	0	0	0
331315	Aluminum Sheet, Plate and Foils	D	0	0	0	0	0	D	0
331318	Other Aluminum Rolling, Drawing and Extruding	D	0	0	0	0	0	D	0
3314	Nonferrous Metals, except Aluminum	D	0	0	0	D	0	0	0
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	0	0	0	0	0	0	0	0
3315	Foundries	5	0	0	D	0	D	3	0
331511	Iron Foundries	5	0	0	D	0	D	3	0
331523	Nonferrous Metal Die-Casting Foundries	0	0	0	0	0	0	0	0
331524	Aluminum Foundries, except Die-Casting	0	0	0	0	0	0	0	0
332	Fabricated Metal Products	Q	0	0	Q	Q	0	0	0
333	Machinery	D	0	0	0	0	0	D	0
334	Computer and Electronic Products	5	D	D	0	0	0	D	0
334413	Semiconductors and Related Devices	5	D	D	0	0	0	D	0
335	Electrical Equip., Appliances, and Components	Q	0	0	0	0	Q	0	0
336	Transportation Equipment	Q	11	Q	Q	Q	0	0	0
336111	Automobiles	0	0	0	0	0	0	0	0
336112	Light Trucks and Utility Vehicles	0	0	0	0	0	0	0	0
3364	Aerospace Product and Parts	D	D	0	Q	0	0	0	0
336411	Aircraft	0	0	0	0	0	0	0	0
337	Furniture and Related Products	3	0	0	0	0	0	3	0
339	Miscellaneous	0	0	0	0	0	0	0	0
	Total	951	66	149	266	215	Q	138	Q

(a) The Bureau of the Census classifies establishments using the 2017 North American Industry Classification System (NAICS).

(b) This count includes only those establishments that reported this activity in 2018.

(c) These levels of price difference were guesstimates at which establishments perceived that they would switch. These levels were not actual values at which switching occurred. The percentage of price difference is computed as the quantity of (current fuel price minus alternative fuel price) divided by the current fuel price, expressed as a percent.

\* Estimate less than 0.5.

D=Withheld to avoid disclosing data for individual establishments.

Q=Withheld because Relative Standard Error is greater than 50 percent.

NA=Not available.

Notes: Totals may not equal sum of components because of independent rounding. Establishment percent may not equal 100 percent because of unknown and/or unreported fuel-switching guesstimate.

Source: U.S. Energy Information Administration, Office of Energy Demand and Integrated Statistics, Form EIA-846, 2018 Manufacturing Energy Consumption Survey.

The Census Bureau has reviewed this data product for unauthorized disclosure of confidential information and has approved the disclosure avoidance practices applied (Approval ID: CBDRB-FY20-260).



327212	Other Pressed and Blown Glass and Glassware	X	X	X	X	X	X	X	X
327213	Glass Containers	X	X	X	X	X	X	X	X
327215	Glass Products from Purchased Glass	D	X	D	D	X	X	X	X
327310	Cements	15.1	X	D	D	X	X	D	X
327410	Lime	D	X	X	X	X	X	D	X
327420	Gypsum	X	X	X	X	X	X	X	X
327993	Mineral Wool	D	X	D	X	X	X	X	X
331	Primary Metals	8.2	10.0	D	D	D	D	10.3	X
331110	Iron and Steel Mills and Ferroalloys	D	X	D	X	X	D	0.0	X
3312	Steel Products from Purchased Steel	10.0	10.0	X	X	X	X	X	X
3313	Alumina and Aluminum	13.5	X	X	X	X	X	13.5	X
331314	Secondary Smelting and Alloying of Aluminum	X	X	X	X	X	X	X	X
331315	Aluminum Sheet, Plate and Foils	D	X	X	X	X	X	D	X
331318	Other Aluminum Rolling, Drawing and Extruding	D	X	X	X	X	X	D	X
3314	Nonferrous Metals, except Aluminum	D	X	X	X	D	X	X	X
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	X	X	X	X	X	X	X	X
3315	Foundries	28.8	X	X	D	X	D	35.2	X
331511	Iron Foundries	28.8	X	X	D	X	D	35.2	X
331523	Nonferrous Metal Die-Casting Foundries	X	X	X	X	X	X	X	X
331524	Aluminum Foundries, except Die-Casting	X	X	X	X	X	X	X	X
332	Fabricated Metal Products	72.4	X	X	99.4	99.2	X	X	X
333	Machinery	D	X	X	X	X	X	D	X
334	Computer and Electronic Products	36.3	D	D	X	X	X	D	X
334413	Semiconductors and Related Devices	36.3	D	D	X	X	X	D	X
335	Electrical Equip., Appliances, and Components	89.3	X	X	X	X	89.3	X	X
336	Transportation Equipment	57.7	33.2	95.7	66.8	98.6	X	X	X
336111	Automobiles	X	X	X	X	X	X	X	X
336112	Light Trucks and Utility Vehicles	X	X	X	X	X	X	X	X
3364	Aerospace Product and Parts	D	D	X	66.8	X	X	X	X
336411	Aircraft	X	X	X	X	X	X	X	X
337	Furniture and Related Products	0.0	X	X	X	X	X	0.0	X
339	Miscellaneous	X	X	X	X	X	X	X	X
	Total	18.3	8.4	37.0	9.5	17.5	51.2	14.0	76.3

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\* Estimate less than 0.5.

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Q=Withheld because Relative Standard Error is greater than 50 percent.

X=Not defined because RSE corresponds to a data table value of zero.

NA=Not available.

Notes: Totals may not equal sum of components because of independent rounding. Establishment percent may not equal 100 percent because of unknown and/or unreported fuel-switching guesstimate.

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