Table 10.19 Percent of Establishments by Levels of Price Difference that Would Cause Fuel Switching from Residual Fuel Oil to a Less Expensive Substitute, 2010;

Level: National Data; Row: NAICS Codes;

Column: Levels of Price Difference; Unit: Establishment Counts.

Levels of Price Difference that Would Cause a Switch from Residual 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
		Total United States							
311	Food	48	W	29	Q	W	W	6	0
3112	Grain and Oilseed Milling	W	0	W	0	0	0	0	0
311221	Wet Corn Milling	0	0	0	0	0	0	0	0
31131	Sugar Manufacturing	W	0	0	0	0	0	W	0
3114	Fruit and Vegetable Preserving and Specialty Foods	8	0	W	0	0	0	W	0
3115	Dairy Products	W	0	W	0	0	0	0	0
3116	Animal Slaughtering and Processing	34	W	21	Q	W	W	0	0
312	Beverage and Tobacco Products	W	W	W	0	0	0	W	0
3121	Beverages	W	W	W	0	0	0	W	0
3122	Tobacco	W	0	0	0	0	0	W	0
313	Textile Mills	Q	0	W	Q	0	0	0	W
314	Textile Product Mills	W	0	W	0	0	0	0	0
315	Apparel	0	0	0	0	0	0	0	0
316	Leather and Allied Products	0	0	0	0	0	0	0	0
321	Wood Products	3	0	0	3	0	0	0	0
321113		W	0	0	W	0	0	0	0
3212	Veneer, Plywood, and Engineered Woods	W	0	0	W	0	0	0	0
321219		W	0	0	W	0	0	0	0
3219	Other Wood Products	0	0	0	0	0	0	0	0
322	Paper	62	7	38	6	W	W	W	W
322110	•	W	3	W	0	0	0	0	W
322121	, , , ,	20	W	11	W	W	W	W	0
322122	·	0	0	0	0	0	0	0	0
322130	•	24	W 0	16	W	W 0	W	W	0
323	Printing and Related Support	0	ŭ	0	0	ū	0	0	0
324	Petroleum and Coal Products	96	W	18	39	0	W	34	0
	Petroleum Refineries	W 80	W 0	W	4	0	0	W W	0
324121	, ,	80 W	ŭ	12 0	34 0	0	W	vv 0	0
324199			W 0			0	0	-	0
325	Chemicals	21	0	12	W	0	0	W	0
325110 325120		W 0	0	0	W 0	0	0	0	0
			ŭ	0		ū		ū	
325181	Alkalies and Chlorine	0	0	0	0	0	0	0	0
325182		0	0	0	0	0	0	0	0
325188	<u> </u>	W	0	W 0	0	0	0	0	0
325192		W	0	-	0	0	-	0	0
325193	Ethyl Alcohol	0	0	0	0	0	0	0	0

Released: December 2015

Next MECS will be fielded in 2015

Table 10.19 Percent of Establishments by Levels of Price Difference that Would Cause Fuel Switching from Residual Fuel Oil to a Less Expensive Substitute, 2010;

Level: National Data; Row: NAICS Codes;

Column: Levels of Price Difference; Unit: Establishment Counts.

Levels of Price Difference that Would Cause a Switch from Residual Fuel Oil(c)

NAICS Subsector and Industry Subsector a
Code(a) Subsector and Industry Able to Switch(b) to Price Percent Percent Percent Percent Be Provided Substitute 325199 Other Basic Organic Chemicals 0 <
325199 Other Basic Organic Chemicals 0
325211 Plastics Materials and Resins W 0 W 0 0 0 0 0 0 325212 Synthetic Rubber 0 0 0 0 0 0 0 0 0 325212 Noncellulosic Organic Fibers W 0 W 0
325212 Synthetic Rubber 0
325222 Noncellulosic Organic Fibers W 0 W 0 0 0 0 0 325311 Nitrogenous Fertilizers 0
325311 Nitrogenous Fertilizers 0 0 0 0 0 0 0 0 0 325312 Phosphatic Fertilizers W 0 W 0 0 0 0 0 0 3254 Pharmaceuticals and Medicines W 0 W 0 0 0 0 0 0 325412 Pharmaceutical Preparation W 0 W 0 0 0 0 0 0 325992 Photographic Film, Paper, Plate, and Chemicals W 0 0 0 0 0 W 0
325312 Phosphatic Fertilizers W 0 W 0 0 0 0 0 3254 Pharmaceuticals and Medicines W 0 W 0 0 0 0 0 0 325412 Pharmaceutical Preparation W 0 W 0 0 0 0 0 0 325992 Photographic Film, Paper, Plate, and Chemicals W 0 0 0 0 0 W 0
3254 Pharmaceuticals and Medicines W 0 W 0 0 0 0 0 0 325412 Pharmaceutical Preparation W 0 W 0 0 0 0 0 0 325992 Photographic Film, Paper, Plate, and Chemicals W 0 0 0 0 0 W 0
325412 Pharmaceutical Preparation W 0 W 0 0 0 0 0 0 325992 Photographic Film, Paper, Plate, and Chemicals W 0 0 0 0 0 W 0
325992 Photographic Film, Paper, Plate, and Chemicals W 0 0 0 0 0 W 0
326 Plastics and Rubber Products W 0 W 0 0 0 0 0 0
327 Nonmetallic Mineral Products 9 0 W 0 W 0 Q 0
327121 Brick and Structural Clay Tile 0 0 0 0 0 0 0 0 0 0 0
327211 Flat Glass 0 0 0 0 0 0 0 0 0 0
327212 Other Pressed and Blown Glass and Glassware 0 0 0 0 0 0 0 0 0 0 0 0
327213 Glass Containers 0 0 0 0 0 0 0 0 0 0
327215 Glass Products from Purchased Glass 0 0 0 0 0 0 0 0 0 0
327310 Cements W 0 W 0 0 0 0 0 0
327410 Lime 0 0 0 0 0 0 0 0 0 0
327420 Gypsum W 0 0 0 W 0 0 0
327993 Mineral Wool 0 0 0 0 0 0 0 0 0 0
331 Primary Metals 5 W W 0 0 0 0 0
331111 Iron and Steel Mills W 0 W 0 0 0 0 0
331112 Electrometallurgical Ferroalloy Products 0 0 0 0 0 0 0 0 0 0 0
3312 Steel Products from Purchased Steel 0 0 0 0 0 0 0 0 0 0 0
3313 Alumina and Aluminum W W 0 0 0 0 0 0 0 0
331314 Secondary Smelting and Alloying of Aluminum 0 0 0 0 0 0 0 0 0 0 0 0
331315 Aluminum Sheet, Plate and Foils W W 0 0 0 0 0 0 0 0
331316 Aluminum Extruded Products 0 0 0 0 0 0 0 0 0 0
3314 Nonferrous Metals, except Aluminum 0 0 0 0 0 0 0 0 0 0 0
331419 Primary Smelting and Refining of Nonferrous Metals, except Copper and Alun 0 0 0 0 0 0 0 0 0 0 0
3315 Foundries 0 0 0 0 0 0 0 0 0 0
331511 Iron Foundries 0 0 0 0 0 0 0 0 0 0 0
331521 Aluminum Die-Casting Foundries 0 0 0 0 0 0 0 0 0 0 0
331524 Aluminum Foundries, except Die-Casting 0 0 0 0 0 0 0 0 0 0 0
332 Fabricated Metal Products 0 0 0 0 0 0 0 0 0 0 0
333 Machinery 0 0 0 0 0 0 0 0 0 0
334 Computer and Electronic Products W 0 W 0 0 W 0 0 0 0 0 0
334413 Semiconductors and Related Devices 0 0 0 0 0 0 0 0 0 0 0 0
335 Electrical Equip., Appliances, and Components W 0 0 W 0 0 0 0 0
336 Transportation Equipment Q Q W 0 0 0 0 W

Released: December 2015

Next MECS will be fielded in 2015

Table 10.19 Percent of Establishments by Levels of Price Difference that Would Cause Fuel Switching from Residual Fuel Oil to a Less Expensive Substitute, 2010;

Level: National Data; Row: NAICS Codes;

Column: Levels of Price Difference; Unit: Establishment Counts.

Levels of Price Difference that Would Cause a Switch from Residual Fuel Oil(c)

Would Switch

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	to More Expensive Substitute
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	6	0	W	0	0	0	0	W
336411	Aircraft	W	0	W	0	0	0	0	W
337	Furniture and Related Products	0	0	0	0	0	0	0	0
339	Miscellaneous	0	0	0	0	0	0	0	0
	Total	290	23	114	70	5	8	51	Q

- (a) The Bureau of the Census classifies establishments using the North American Industry Classification System (NAICS).
 - (b) This count includes only those establishments that reported this activity in 2010.
- (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.

NF=No applicable RSE row/column factor.

* Estimate less than 0.5.

W=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 percents may not equal 100 percent because of unknown and/or unreported fuel-switching guesstimate.

Source: U.S. Energy Information Administration, Office of Energy Consumption and Efficiency Statistics, Form EIA-846, '2010 Manufacturing Energy Consumption Survey.'