

Table 10.16 Percent of Establishments by Levels of Price Difference that Would Cause Fuel Switching from Coal 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 Coal(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	19	W	5	3	0	3	4	W	
3112	Grain and Oilseed Milling	13	W	W	W	0	W	W	W	
311221	Wet Corn Milling	9	W	0	W	0	W	W	W	
31131	Sugar Manufacturing	W	0	W	W	0	0	W	0	
3114	Fruit and Vegetable Preserving and Specialty Foods	W	0	0	0	0	W	0	0	
3115	Dairy Products	W	0	W	0	0	0	0	0	
3116	Animal Slaughtering and Processing	0	0	0	0	0	0	0	0	
312	Beverage and Tobacco Products	7	0	W	W	W	0	0	W	
3121	Beverages	7	0	W	W	W	0	0	W	
3122	Tobacco	0	0	0	0	0	0	0	0	
313	Textile Mills	11	0	W	Q	W	0	Q	0	
314	Textile Product Mills	0	0	0	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	W	0	W	0	0	0	0	0	
321113	Sawmills	0	0	0	0	0	0	0	0	
3212	Veneer, Plywood, and Engineered Woods	W	0	W	0	0	0	0	0	
321219	Reconstituted Wood Products	W	0	W	0	0	0	0	0	
3219	Other Wood Products	0	0	0	0	0	0	0	0	
322	Paper	49	5	12	W	5	W	8	W	
322110	Pulp Mills	W	0	0	0	0	0	W	0	
322121	Paper Mills, except Newsprint	22	0	W	8	W	W	4	0	
322122	Newsprint Mills	W	W	W	0	0	0	0	0	
322130	Paperboard Mills	17	W	5	5	W	0	W	W	
323	Printing and Related Support	0	0	0	0	0	0	0	0	
324	Petroleum and Coal Products	W	0	W	0	W	0	0	0	
324110	Petroleum Refineries	W	0	0	0	W	0	0	0	
324121	Asphalt Paving Mixture and Block	0	0	0	0	0	0	0	0	
324199	Other Petroleum and Coal Products	W	0	W	0	0	0	0	0	
325	Chemicals	35	W	14	W	0	0	4	0	
325110	Petrochemicals	0	0	0	0	0	0	0	0	
325120	Industrial Gases	0	0	0	0	0	0	0	0	
325181	Alkalies and Chlorine	W	0	W	0	0	0	0	0	
325182	Carbon Black	0	0	0	0	0	0	0	0	
325188	Other Basic Inorganic Chemicals	W	0	0	W	0	0	0	0	
325192	Cyclic Crudes and Intermediates	0	0	0	0	0	0	0	0	
325193	Ethyl Alcohol	4	0	W	0	0	0	W	0	

Table 10.16 Percent of Establishments by Levels of Price Difference that Would Cause Fuel Switching from Coal 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 Coal(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
325199	Other Basic Organic Chemicals	4	0	W	0	0	0	0	0
325211	Plastics Materials and Resins	W	0	W	0	0	0	0	0
325212	Synthetic Rubber	W	W	0	0	0	0	0	0
325222	Noncellulosic Organic Fibers	4	0	W	W	0	0	0	0
325311	Nitrogenous Fertilizers	0	0	0	0	0	0	0	0
325312	Phosphatic Fertilizers	0	0	0	0	0	0	0	0
3254	Pharmaceuticals and Medicines	4	0	4	0	0	0	0	0
325412	Pharmaceutical Preparation	4	0	4	0	0	0	0	0
325992	Photographic Film, Paper, Plate, and Chemicals	W	0	W	0	0	0	0	0
326	Plastics and Rubber Products	0	0	0	0	0	0	0	0
327	Nonmetallic Mineral Products	144	12	15	12	6	W	22	W
327121	Brick and Structural Clay Tile	0	0	0	0	0	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	0	0	0	0	0	0	0	0
327310	Cements	52	W	15	W	6	0	7	3
327410	Lime	19	W	0	W	0	0	15	0
327420	Gypsum	0	0	0	0	0	0	0	0
327993	Mineral Wool	0	0	0	0	0	0	0	0
331	Primary Metals	4	W	0	W	W	0	0	0
331111	Iron and Steel Mills	4	W	0	W	W	0	0	0
331112	Electrometallurgical Ferroalloy Products	0	0	0	0	0	0	0	0
3312	Steel Products from Purchased Steel	0	0	0	0	0	0	0	0
3313	Alumina and Aluminum	0	0	0	0	0	0	0	0
331314	Secondary Smelting and Alloying of Aluminum	0	0	0	0	0	0	0	0
331315	Aluminum Sheet, Plate and Foils	0	0	0	0	0	0	0	0
331316	Aluminum Extruded Products	0	0	0	0	0	0	0	0
3314	Nonferrous Metals, except Aluminum	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
3315	Foundries	0	0	0	0	0	0	0	0
331511	Iron Foundries	0	0	0	0	0	0	0	0
331521	Aluminum 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	0	0	0	0	0	0	0	0
333	Machinery	0	0	0	0	0	0	0	0
334	Computer and Electronic Products	0	0	0	0	0	0	0	0
334413	Semiconductors and Related Devices	0	0	0	0	0	0	0	0
335	Electrical Equip., Appliances, and Components	0	0	0	0	0	0	0	0
336	Transportation Equipment	W	W	0	W	0	0	0	0

Table 10.16 Percent of Establishments by Levels of Price Difference that Would Cause Fuel Switching from Coal 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 Coal(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
336111	Automobiles	W	W	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	W	0	0	W	0	0	0	0
336411	Aircraft	0	0	0	0	0	0	0	0
337	Furniture and Related Products	W	0	W	0	0	0	Q	0
339	Miscellaneous	0	0	0	0	0	0	0	0
	Total	286	30	57	41	16	Q	48	10

(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.'