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 Next MECS will be fielded in 2019

Table 6.1 Consumption Ratios of Fuel, 2014;

Level: National and Regional Data;
 Row: NAICS Codes; Column: Energy-Consumption Ratios;
 Unit: Varies.

NAICS Code(a)	Subsector and Industry	Consumption per Employee (million Btu)	Consumption per Dollar of Value Added (thousand Btu)	Consumption per Dollar of Value of Shipments (thousand Btu)
Total United States				
311	Food	834.1	4.1	1.4
3112	Grain and Oilseed Milling	5,171.9	11.8	2.7
311221	Wet Corn Milling	21,055.0	33.6	12.0
31131	Sugar Manufacturing	9,029.8	46.2	17.4
3114	Fruit and Vegetable Preserving and Specialty Food	963.5	4.4	2.0
3115	Dairy Product	880.6	3.3	0.8
3116	Animal Slaughtering and Processing	444.8	3.4	0.9
312	Beverage and Tobacco Products	602.9	1.1	0.6
3121	Beverages	591.7	1.5	0.7
3122	Tobacco	734.6	0.3	0.2
313	Textile Mills	893.8	7.3	2.9
314	Textile Product Mills	230.8	2.4	1.0
315	Apparel	72.2	1.1	0.6
316	Leather and Allied Products	116.3	1.3	0.4
321	Wood Products	1,161.5	9.9	4.3
321113	Sawmills	1,958.4	12.3	5.5
3212	Veneer, Plywood, and Engineered Woods	2,745.8	20.9	8.4
321219	Reconstituted Wood Products	6,660.0	34.2	13.3
3219	Other Wood Products	462.6	4.7	2.1
322	Paper	6,389.3	24.8	11.4
322110	Pulp Mills	39,257.7	111.2	53.1
322121	Paper Mills, except Newsprint	13,178.9	34.7	18.0
322122	Newsprint Mills	19,551.9	46.3	24.1
322130	Paperboard Mills	25,688.7	50.9	29.0
323	Printing and Related Support	235.3	1.6	1.0
324	Petroleum and Coal Products	34,738.3	39.3	4.4
324110	Petroleum Refineries	52,785.3	45.8	4.5
324121	Asphalt Paving Mixture and Block	3,802.5	12.8	3.9
324122	Asphalt Shingle and Coating Materials	1,710.8	3.7	1.5
324199	Other Petroleum and Coal Products	20,704.0	41.9	11.8
325	Chemicals	4,958.6	8.9	4.4
325110	Petrochemicals	59,075.4	18.8	7.2
325120	Industrial Gases	11,259.5	25.5	13.5
325180	Other Basic Inorganic Chemicals	8,862.0	21.3	12.3
325193	Ethyl Alcohol	44,143.1	42.5	11.5
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	5,764.9	12.2	4.3
325199	Other Basic Organic Chemicals	11,892.9	23.3	8.8
325211	Plastics Materials and Resins	8,753.7	19.2	5.9
325212	Synthetic Rubber	4,709.0	14.3	4.3
325220	Artificial and Synthetic Fibers and Filaments	2,703.5	10.5	4.2
325311	Nitrogenous Fertilizers	35,930.2	32.1	20.3
325312	Phosphatic Fertilizers	7,028.9	8.1	3.0
3254	Pharmaceuticals and Medicines	453.9	0.7	0.5
325412	Pharmaceutical Preparation	403.4	0.5	0.3
325992	Photographic Film, Paper, Plate, and Chemicals	912.3	2.4	1.3
326	Plastics and Rubber Products	374.8	2.8	1.3
327	Nonmetallic Mineral Products	2,173.9	12.6	7.3
327120	Clay Building Material and Refractories	2,020.4	12.4	8.3
327211	Flat Glass	7,304.3	36.5	19.5
327212	Other Pressed and Blown Glass and Glassware	2,358.5	13.7	8.5
327213	Glass Containers	4,295.6	17.2	11.4
327215	Glass Products from Purchased Glass	475.3	3.3	1.8
327310	Cements	24,201.5	82.9	41.2
327410	Lime	25,898.2	79.7	47.1

327420	Gypsum	6,067.3	19.1	9.7
327993	Mineral Wool	2,519.9	10.6	5.9
331	Primary Metals	4,430.1	19.1	6.3
331110	Iron and Steel Mills and Ferroalloys	11,853.1	32.6	10.4
3312	Steel Products from Purchased Steel	1,312.5	6.7	2.3
3313	Alumina and Aluminum	4,397.3	19.6	6.0
331314	Secondary Smelting and Alloying of Aluminum	3,832.2	17.9	3.2
331315	Aluminum Sheet, Plate and Foils	3,315.1	11.5	3.4
331318	Other Aluminum Rolling, Drawing and Extruding	793.9	5.1	1.9
3314	Nonferrous Metals, except Aluminum	1,788.9	7.5	1.6
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	6,670.7	17.4	7.2
3315	Foundries	908.0	6.4	3.5
331511	Iron Foundries	1,458.8	8.2	4.5
331523	Nonferrous Metal Die-Casting Foundries	738.7	5.9	3.1
331524	Aluminum Foundries, except Die-Casting	662.2	5.8	3.3
332	Fabricated Metal Products	231.8	1.6	0.9
333	Machinery	155.7	0.9	0.4
334	Computer and Electronic Products	183.2	1.1	0.5
334413	Semiconductors and Related Devices	593.0	2.4	1.4
335	Electrical Equip., Appliances, and Components	245.1	1.3	0.6
336	Transportation Equipment	231.9	0.9	0.4
336111	Automobiles	487.4	1.3	0.3
336112	Light Trucks and Utility Vehicles	527.5	1.0	0.2
3364	Aerospace Product and Parts	158.6	0.5	0.3
336411	Aircraft	120.5	0.3	0.2
337	Furniture and Related Products	108.6	0.9	0.5
339	Miscellaneous	115.7	0.6	0.3
	Total	1,340.7	6.2	2.5

Northeast Census Region

311	Food	494.5	2.9	0.9
3112	Grain and Oilseed Milling	707.9	2.1	0.5
311221	Wet Corn Milling	4,206.4	10.8	3.7
31131	Sugar Manufacturing	140.1	0.8	0.4
3114	Fruit and Vegetable Preserving and Specialty Food	643.7	3.8	1.5
3115	Dairy Product	844.4	3.7	1.0
3116	Animal Slaughtering and Processing	418.1	2.9	0.8
312	Beverage and Tobacco Products	604.8	1.8	0.8
3121	Beverages	599.2	1.9	0.8
3122	Tobacco	723.4	1.2	0.9
313	Textile Mills	Q	Q	Q
314	Textile Product Mills	Q	Q	Q
315	Apparel	38.8	0.7	0.4
316	Leather and Allied Products	96.1	1.0	0.5
321	Wood Products	1,459.7	14.9	7.1
321113	Sawmills	932.3	7.6	3.6
3212	Veneer, Plywood, and Engineered Woods	10,789.1	119.5	52.9
321219	Reconstituted Wood Products	29,911.0	239.9	84.1
3219	Other Wood Products	465.2	5.0	2.5
322	Paper	3,980.6	17.0	8.6
322110	Pulp Mills	28,585.8	364.1	50.9
322121	Paper Mills, except Newsprint	10,217.4	31.3	17.4
322122	Newsprint Mills	0.0	0.0	0.0
322130	Paperboard Mills	8,668.1	21.2	10.6
323	Printing and Related Support	164.3	1.6	0.9
324	Petroleum and Coal Products	17,355.0	21.6	4.3
324110	Petroleum Refineries	40,883.9	29.0	4.6
324121	Asphalt Paving Mixture and Block	2,789.5	8.5	3.1
324122	Asphalt Shingle and Coating Materials	1,315.9	3.3	1.4
324199	Other Petroleum and Coal Products	5,580.2	14.4	4.4
325	Chemicals	1,101.5	2.9	1.7
325110	Petrochemicals	3,265.6	1.4	1.1
325120	Industrial Gases	5,095.3	24.4	13.1
325180	Other Basic Inorganic Chemicals	2,422.6	9.2	5.0
325193	Ethyl Alcohol	38,564.5	31.9	10.0
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	12,796.4	23.5	4.3
325199	Other Basic Organic Chemicals	1,681.9	3.2	2.0
325211	Plastics Materials and Resins	1,723.5	6.0	2.2
325212	Synthetic Rubber	424.7	2.1	0.8

325220	Artificial and Synthetic Fibers and Filaments	399.2	5.2	1.3
325311	Nitrogenous Fertilizers	6,821.1	29.4	11.3
325312	Phosphatic Fertilizers	168.0	0.5	0.2
3254	Pharmaceuticals and Medicines	619.0	1.5	1.0
325412	Pharmaceutical Preparation	348.9	0.8	0.5
325992	Photographic Film, Paper, Plate, and Chemicals	1,049.9	2.2	1.2
326	Plastics and Rubber Products	347.2	3.0	1.4
327	Nonmetallic Mineral Products	1,623.6	9.6	5.4
327120	Clay Building Material and Refractories	1,357.7	9.3	5.8
327211	Flat Glass	16,548.4	76.4	37.0
327212	Other Pressed and Blown Glass and Glassware	1,328.5	9.3	6.0
327213	Glass Containers	3,212.6	15.2	9.8
327215	Glass Products from Purchased Glass	415.2	3.0	1.9
327310	Cements	19,722.3	57.8	33.4
327410	Lime	18,948.6	66.7	37.3
327420	Gypsum	9,471.3	21.8	11.9
327993	Mineral Wool	2,202.3	10.7	5.1
331	Primary Metals	3,320.1	14.2	4.8
331110	Iron and Steel Mills and Ferroalloys	7,762.2	21.9	7.3
3312	Steel Products from Purchased Steel	1,621.2	10.6	3.2
3313	Alumina and Aluminum	3,306.4	12.1	3.7
331314	Secondary Smelting and Alloying of Aluminum	2,472.6	3.7	1.7
331315	Aluminum Sheet, Plate and Foils	3,621.5	7.9	2.2
331318	Other Aluminum Rolling, Drawing and Extruding	W	W	W
3314	Nonferrous Metals, except Aluminum	920.1	4.6	1.4
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	1,808.2	11.7	2.5
3315	Foundries	578.1	4.8	2.8
331511	Iron Foundries	877.1	6.4	3.9
331523	Nonferrous Metal Die-Casting Foundries	460.3	4.7	3.0
331524	Aluminum Foundries, except Die-Casting	301.9	3.5	2.4
332	Fabricated Metal Products	207.7	0.9	0.5
333	Machinery	134.9	0.7	0.4
334	Computer and Electronic Products	152.1	0.8	0.4
334413	Semiconductors and Related Devices	615.1	3.0	1.4
335	Electrical Equip., Appliances, and Components	261.8	1.6	0.8
336	Transportation Equipment	Q	Q	Q
336111	Automobiles	24.7	0.3	0.1
336112	Light Trucks and Utility Vehicles	0.0	0.0	0.0
3364	Aerospace Product and Parts	138.9	0.7	0.3
336411	Aircraft	111.9	0.6	0.2
337	Furniture and Related Products	98.0	Q	Q
339	Miscellaneous	139.5	0.8	0.5
	Total	732.1	3.4	1.7

Midwest Census Region

311	Food	864.3	4.2	1.3
3112	Grain and Oilseed Milling	7,166.2	14.6	3.4
311221	Wet Corn Milling	21,802.5	36.3	12.5
31131	Sugar Manufacturing	9,167.8	37.8	13.7
3114	Fruit and Vegetable Preserving and Specialty Food	663.0	2.8	1.4
3115	Dairy Product	804.5	2.8	0.8
3116	Animal Slaughtering and Processing	475.3	3.2	0.8
312	Beverage and Tobacco Products	625.6	1.5	0.7
3121	Beverages	626.5	1.7	0.7
3122	Tobacco	544.5	0.2	0.1
313	Textile Mills	394.2	1.7	1.0
314	Textile Product Mills	Q	Q	Q
315	Apparel	Q	0.5	0.4
316	Leather and Allied Products	174.9	1.8	0.7
321	Wood Products	443.3	4.3	1.9
321113	Sawmills	1,013.6	8.6	3.6
3212	Veneer, Plywood, and Engineered Woods	937.0	8.0	3.6
321219	Reconstituted Wood Products	3,055.8	16.7	7.1
3219	Other Wood Products	263.9	2.7	1.2
322	Paper	2,824.7	12.7	5.1
322110	Pulp Mills	10,459.5	61.3	12.5
322121	Paper Mills, except Newsprint	10,012.4	32.4	14.2
322122	Newsprint Mills	10,749.7	45.2	14.5
322130	Paperboard Mills	12,447.1	25.6	15.5

323	Printing and Related Support	232.9	1.8	1.0
324	Petroleum and Coal Products	26,102.0	21.5	4.3
324110	Petroleum Refineries	43,598.8	25.0	4.5
324121	Asphalt Paving Mixture and Block	3,507.1	12.3	4.0
324122	Asphalt Shingle and Coating Materials	2,035.3	3.2	1.4
324199	Other Petroleum and Coal Products	9,389.5	18.2	3.3
325	Chemicals	4,065.0	7.5	3.9
325110	Petrochemicals	Q	Q	1.5
325120	Industrial Gases	12,598.3	20.8	14.9
325180	Other Basic Inorganic Chemicals	3,221.6	7.5	4.5
325193	Ethyl Alcohol	46,268.7	41.6	11.9
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	1,757.8	5.9	2.4
325199	Other Basic Organic Chemicals	8,969.4	22.2	8.4
325211	Plastics Materials and Resins	3,262.2	9.0	3.6
325212	Synthetic Rubber	851.0	2.5	1.0
325220	Artificial and Synthetic Fibers and Filaments	1,106.9	7.9	3.4
325311	Nitrogenous Fertilizers	34,835.1	32.9	22.4
325312	Phosphatic Fertilizers	507.3	1.4	0.6
3254	Pharmaceuticals and Medicines	657.8	0.9	0.6
325412	Pharmaceutical Preparation	737.2	0.8	0.5
325992	Photographic Film, Paper, Plate, and Chemicals	425.7	1.6	1.0
326	Plastics and Rubber Products	285.7	2.5	1.2
327	Nonmetallic Mineral Products	1,733.6	8.7	5.1
327120	Clay Building Material and Refractories	1,555.3	10.2	6.5
327211	Flat Glass	6,578.0	37.9	19.8
327212	Other Pressed and Blown Glass and Glassware	2,487.3	13.1	9.0
327213	Glass Containers	4,262.1	17.2	11.4
327215	Glass Products from Purchased Glass	419.4	2.8	1.5
327310	Cements	W	W	W
327410	Lime	W	W	W
327420	Gypsum	4,788.1	19.9	9.5
327993	Mineral Wool	2,515.8	10.2	5.6
331	Primary Metals	5,872.2	26.0	8.7
331110	Iron and Steel Mills and Ferroalloys	16,731.8	45.7	15.5
3312	Steel Products from Purchased Steel	1,497.3	8.3	2.6
3313	Alumina and Aluminum	3,312.2	17.9	5.5
331314	Secondary Smelting and Alloying of Aluminum	3,385.4	18.7	3.9
331315	Aluminum Sheet, Plate and Foils	2,721.0	11.1	3.7
331318	Other Aluminum Rolling, Drawing and Extruding	W	W	W
3314	Nonferrous Metals, except Aluminum	1,911.4	6.7	1.3
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	4,652.9	7.9	4.5
3315	Foundries	1,044.2	7.5	3.9
331511	Iron Foundries	1,665.1	9.0	4.7
331523	Nonferrous Metal Die-Casting Foundries	814.8	6.5	3.2
331524	Aluminum Foundries, except Die-Casting	789.5	8.0	4.7
332	Fabricated Metal Products	269.1	2.1	1.2
333	Machinery	191.7	1.1	0.5
334	Computer and Electronic Products	170.7	1.1	0.5
334413	Semiconductors and Related Devices	541.7	3.7	2.5
335	Electrical Equip., Appliances, and Components	173.7	0.8	0.4
336	Transportation Equipment	315.3	1.4	0.4
336111	Automobiles	506.2	1.5	0.3
336112	Light Trucks and Utility Vehicles	583.5	1.1	0.3
3364	Aerospace Product and Parts	225.3	1.0	0.5
336411	Aircraft	214.5	1.0	0.3
337	Furniture and Related Products	143.5	1.1	0.6
339	Miscellaneous	113.5	0.5	0.3
	Total	1,026.3	5.1	2.1

South Census Region

311	Food	872.5	4.0	1.5
3112	Grain and Oilseed Milling	4,084.8	11.0	2.1
311221	Wet Corn Milling	19,920.3	21.5	9.4
31131	Sugar Manufacturing	10,642.3	55.1	20.2
3114	Fruit and Vegetable Preserving and Specialty Food	763.1	2.8	1.3
3115	Dairy Product	583.1	2.2	0.7
3116	Animal Slaughtering and Processing	419.2	3.7	1.1
312	Beverage and Tobacco Products	752.4	0.8	0.5
3121	Beverages	755.5	1.4	0.8

3122	Tobacco	740.4	0.3	0.2
313	Textile Mills	826.7	7.3	2.8
314	Textile Product Mills	300.0	3.5	1.3
315	Apparel	113.4	2.2	1.1
316	Leather and Allied Products	104.0	1.4	Q
321	Wood Products	1,609.3	12.1	5.4
321113	Sawmills	2,204.0	13.0	6.2
3212	Veneer, Plywood, and Engineered Woods	3,226.4	21.1	8.9
321219	Reconstituted Wood Products	6,203.4	29.8	11.3
3219	Other Wood Products	Q	Q	Q
322	Paper	10,887.3	35.1	18.1
322110	Pulp Mills	41,482.0	106.4	54.8
322121	Paper Mills, except Newsprint	18,845.4	38.9	21.8
322122	Newsprint Mills	21,155.3	44.8	28.6
322130	Paperboard Mills	30,365.2	56.7	32.8
323	Printing and Related Support	346.8	1.7	1.2
324	Petroleum and Coal Products	38,858.9	49.8	4.2
324110	Petroleum Refineries	57,623.0	57.8	4.2
324121	Asphalt Paving Mixture and Block	4,228.5	17.7	4.7
324122	Asphalt Shingle and Coating Materials	1,687.8	4.4	1.6
324199	Other Petroleum and Coal Products	25,380.8	55.8	22.7
325	Chemicals	8,378.7	12.8	5.6
325110	Petrochemicals	61,347.6	18.9	7.2
325120	Industrial Gases	16,946.1	32.3	14.2
325180	Other Basic Inorganic Chemicals	11,369.3	25.8	14.6
325193	Ethyl Alcohol	34,278.7	47.0	10.2
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	7,954.5	12.8	4.8
325199	Other Basic Organic Chemicals	15,888.3	28.3	9.9
325211	Plastics Materials and Resins	14,641.0	25.0	7.1
325212	Synthetic Rubber	7,576.9	20.2	5.4
325220	Artificial and Synthetic Fibers and Filaments	2,875.3	10.6	4.3
325311	Nitrogenous Fertilizers	50,603.1	33.3	22.5
325312	Phosphatic Fertilizers	8,135.9	7.9	3.0
3254	Pharmaceuticals and Medicines	393.5	0.5	0.3
325412	Pharmaceutical Preparation	386.8	0.3	0.2
325992	Photographic Film, Paper, Plate, and Chemicals	890.6	3.7	1.4
326	Plastics and Rubber Products	510.5	3.3	1.5
327	Nonmetallic Mineral Products	2,574.3	17.0	10.0
327120	Clay Building Material and Refractories	2,719.3	15.0	10.4
327211	Flat Glass	5,667.6	23.8	14.3
327212	Other Pressed and Blown Glass and Glassware	3,709.2	18.2	10.2
327213	Glass Containers	5,091.1	20.3	13.4
327215	Glass Products from Purchased Glass	702.4	5.2	2.7
327310	Cements	25,147.1	78.6	40.9
327410	Lime	20,879.6	69.3	41.3
327420	Gypsum	6,525.2	18.3	9.6
327993	Mineral Wool	3,070.3	11.8	6.5
331	Primary Metals	3,725.2	15.2	4.5
331110	Iron and Steel Mills and Ferroalloys	7,989.2	20.7	6.1
3312	Steel Products from Purchased Steel	1,229.1	5.5	2.0
3313	Alumina and Aluminum	5,807.9	22.9	6.7
331314	Secondary Smelting and Alloying of Aluminum	5,493.0	23.5	2.8
331315	Aluminum Sheet, Plate and Foils	3,707.9	13.2	3.5
331318	Other Aluminum Rolling, Drawing and Extruding	878.6	4.8	1.8
3314	Nonferrous Metals, except Aluminum	1,796.6	9.2	1.4
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	10,543.1	49.1	6.8
3315	Foundries	1,038.9	6.9	3.8
331511	Iron Foundries	1,299.3	7.0	4.1
331523	Nonferrous Metal Die-Casting Foundries	826.4	5.8	3.3
331524	Aluminum Foundries, except Die-Casting	869.2	4.8	2.4
332	Fabricated Metal Products	210.1	1.6	0.8
333	Machinery	148.7	0.8	0.4
334	Computer and Electronic Products	168.4	0.8	0.4
334413	Semiconductors and Related Devices	1,033.9	2.4	1.7
335	Electrical Equip., Appliances, and Components	303.6	1.6	0.7
336	Transportation Equipment	246.7	1.1	0.4
336111	Automobiles	408.6	0.8	0.2
336112	Light Trucks and Utility Vehicles	455.7	0.9	0.2
3364	Aerospace Product and Parts	174.1	0.6	0.3
336411	Aircraft	160.2	0.5	0.2
337	Furniture and Related Products	106.6	0.8	0.6

339	Miscellaneous	220.0	1.2	0.6
	Total	2,198.2	9.0	3.3

West Census Region

311	Food	894.4	5.0	1.4
3112	Grain and Oilseed Milling	1,303.1	3.3	1.0
311221	Wet Corn Milling	9,021.6	25.9	8.1
31131	Sugar Manufacturing	7,786.3	47.5	18.4
3114	Fruit and Vegetable Preserving and Specialty Food	1,464.5	8.1	3.7
3115	Dairy Product	1,247.5	4.6	0.9
3116	Animal Slaughtering and Processing	471.5	3.5	0.8
312	Beverage and Tobacco Products	444.1	1.4	0.7
3121	Beverages	444.1	1.4	0.7
3122	Tobacco	0.0	0.0	0.0
313	Textile Mills	641.1	6.5	2.7
314	Textile Product Mills	Q	Q	Q
315	Apparel	21.8	0.3	0.2
316	Leather and Allied Products	22.7	0.4	0.2
321	Wood Products	1,053.3	8.8	3.4
321113	Sawmills	2,281.0	13.2	5.3
3212	Veneer, Plywood, and Engineered Woods	1,613.7	13.6	4.5
321219	Reconstituted Wood Products	4,167.3	22.4	8.6
3219	Other Wood Products	221.1	2.5	1.0
322	Paper	4,312.4	20.1	7.5
322110	Pulp Mills	31,825.7	164.1	49.7
322121	Paper Mills, except Newsprint	10,203.4	28.3	13.5
322122	Newsprint Mills	19,466.4	49.0	20.7
322130	Paperboard Mills	25,485.0	60.4	31.9
323	Printing and Related Support	123.6	0.9	0.6
324	Petroleum and Coal Products	42,510.6	51.4	5.3
324110	Petroleum Refineries	52,903.7	56.1	5.3
324121	Asphalt Paving Mixture and Block	4,796.3	11.2	3.4
324122	Asphalt Shingle and Coating Materials	1,423.6	3.4	1.4
324199	Other Petroleum and Coal Products	110,789.2	98.8	74.1
325	Chemicals	1,575.0	2.9	2.1
325110	Petrochemicals	1.8	18.0	9.6
325120	Industrial Gases	4,631.7	11.2	8.0
325180	Other Basic Inorganic Chemicals	15,773.4	32.7	19.5
325193	Ethyl Alcohol	22,097.7	225.1	7.4
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	8,407.4	22.3	13.9
325199	Other Basic Organic Chemicals	Q	Q	Q
325211	Plastics Materials and Resins	927.7	5.1	1.6
325212	Synthetic Rubber	110.8	1.0	0.3
325220	Artificial and Synthetic Fibers and Filaments	235.9	3.3	0.6
325311	Nitrogenous Fertilizers	7,045.9	17.4	6.4
325312	Phosphatic Fertilizers	4,332.3	12.4	4.1
3254	Pharmaceuticals and Medicines	192.3	0.3	0.2
325412	Pharmaceutical Preparation	191.2	0.2	0.2
325992	Photographic Film, Paper, Plate, and Chemicals	931.0	2.0	1.4
326	Plastics and Rubber Products	368.1	2.2	1.2
327	Nonmetallic Mineral Products	2,850.4	17.9	9.6
327120	Clay Building Material and Refractories	1,262.9	9.2	6.5
327211	Flat Glass	4,917.3	47.9	15.9
327212	Other Pressed and Blown Glass and Glassware	1,658.2	12.4	8.0
327213	Glass Containers	4,378.7	15.3	10.1
327215	Glass Products from Purchased Glass	307.4	2.2	1.3
327310	Cements	W	W	W
327410	Lime	W	W	W
327420	Gypsum	5,534.1	19.5	9.3
327993	Mineral Wool	1,797.9	9.0	5.7
331	Primary Metals	2,091.4	9.7	4.0
331110	Iron and Steel Mills and Ferroalloys	4,031.8	14.9	3.8
3312	Steel Products from Purchased Steel	332.6	2.0	0.8
3313	Alumina and Aluminum	4,230.6	20.4	7.3
331314	Secondary Smelting and Alloying of Aluminum	2,095.9	11.0	3.4
331315	Aluminum Sheet, Plate and Foils	3,446.7	11.1	4.9
331318	Other Aluminum Rolling, Drawing and Extruding	W	W	W
3314	Nonferrous Metals, except Aluminum	3,247.1	9.6	4.3
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	7,486.4	23.1	14.8

3315	Foundries	399.8	2.5	1.7
331511	Iron Foundries	1,132.1	7.5	3.9
331523	Nonferrous Metal Die-Casting Foundries	365.1	3.0	1.9
331524	Aluminum Foundries, except Die-Casting	255.5	2.4	1.6
332	Fabricated Metal Products	165.9	1.4	0.8
333	Machinery	72.4	0.5	0.3
334	Computer and Electronic Products	214.5	1.5	0.7
334413	Semiconductors and Related Devices	524.8	2.3	1.3
335	Electrical Equip., Appliances, and Components	262.8	1.5	0.6
336	Transportation Equipment	130.9	0.4	0.2
336111	Automobiles	549.2	1.3	0.2
336112	Light Trucks and Utility Vehicles	51.1	0.5	0.1
3364	Aerospace Product and Parts	130.4	0.4	0.2
336411	Aircraft	63.6	0.1	0.1
337	Furniture and Related Products	62.3	0.6	0.3
339	Miscellaneous	44.1	0.2	0.1
	Total	949.8	4.7	2.0

(a) The Bureau of the Census classifies establishments using the 2012 North American Industry Classification System (NAICS).

* 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. Operating ratios were calculated using the estimates of fuel consumption reported in Table 3.2.

Sources: Energy Information Administration, Office of Energy Consumption and Efficiency Statistics, Form EIA-846, '2014 Manufacturing Energy Consumption Survey,' and the Bureau of the Census, data files for the '2014 Annual Survey of Manufactures.'

Released: November 2017
 Next MECS will be fielded in 2019

RSE Table 6.1 Relative Standard Errors for Table 6.1;

Unit: Percents.

NAICS Code(a)	Subsector and Industry	Consumption per Employee (million Btu)	Consumption per Dollar of Value Added (thousand Btu)	Consumption per Dollar of Value of Shipments (thousand Btu)
Total United States				
311	Food	4.4	8.3	4.6
3112	Grain and Oilseed Milling	4.6	3.4	4.0
311221	Wet Corn Milling	0.0	0.0	0.0
31131	Sugar Manufacturing	0.1	0.1	0.1
3114	Fruit and Vegetable Preserving and Specialty Food	4.5	8.1	6.9
3115	Dairy Product	3.6	6.6	4.2
3116	Animal Slaughtering and Processing	2.9	4.0	3.7
312	Beverage and Tobacco Products	6.5	6.1	5.4
3121	Beverages	7.1	9.0	6.9
3122	Tobacco	0.1	0.1	0.1
313	Textile Mills	15.9	16.9	16.2
314	Textile Product Mills	16.7	17.9	15.0
315	Apparel	12.3	14.2	11.9
316	Leather and Allied Products	9.1	13.5	21.5
321	Wood Products	9.7	9.2	9.6
321113	Sawmills	2.2	2.6	2.1
3212	Veneer, Plywood, and Engineered Woods	3.9	3.9	2.6
321219	Reconstituted Wood Products	5.9	7.1	4.6
3219	Other Wood Products	38.4	37.9	38.5
322	Paper	5.5	4.4	4.4
322110	Pulp Mills	0.0	0.0	0.0
322121	Paper Mills, except Newsprint	0.1	0.1	0.1
322122	Newsprint Mills	0.0	0.0	0.0
322130	Paperboard Mills	0.0	0.0	0.0
323	Printing and Related Support	18.1	21.9	20.5
324	Petroleum and Coal Products	2.8	0.9	0.2
324110	Petroleum Refineries	1.7	0.1	0.1
324121	Asphalt Paving Mixture and Block	7.1	7.7	6.2
324122	Asphalt Shingle and Coating Materials	1.0	7.3	4.9
324199	Other Petroleum and Coal Products	0.0	0.0	0.0
325	Chemicals	5.5	5.2	3.9
325110	Petrochemicals	0.4	0.1	0.1
325120	Industrial Gases	11.5	8.8	6.8
325180	Other Basic Inorganic Chemicals	10.7	7.6	6.0
325193	Ethyl Alcohol	2.8	2.5	2.0
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	0.0	0.0	0.0
325199	Other Basic Organic Chemicals	6.5	5.9	5.3
325211	Plastics Materials and Resins	4.6	3.3	2.4
325212	Synthetic Rubber	0.0	0.0	0.0
325220	Artificial and Synthetic Fibers and Filaments	0.0	0.0	0.0
325311	Nitrogenous Fertilizers	8.2	2.7	4.0
325312	Phosphatic Fertilizers	0.0	0.0	0.0
3254	Pharmaceuticals and Medicines	5.2	4.8	4.7
325412	Pharmaceutical Preparation	3.0	1.5	2.1
325992	Photographic Film, Paper, Plate, and Chemicals	3.6	2.2	1.3
326	Plastics and Rubber Products	8.2	8.3	7.5
327	Nonmetallic Mineral Products	8.4	6.3	5.5
327120	Clay Building Material and Refractories	2.9	4.8	4.3
327211	Flat Glass	0.0	0.0	0.0
327212	Other Pressed and Blown Glass and Glassware	8.2	7.9	8.5
327213	Glass Containers	0.0	0.0	0.0
327215	Glass Products from Purchased Glass	5.4	6.2	6.0
327310	Cements	5.9	4.7	5.2
327410	Lime	0.0	0.0	0.0
327420	Gypsum	7.8	8.3	8.2
327993	Mineral Wool	3.5	3.6	6.2

331	Primary Metals	1.4	0.8	2.6
331110	Iron and Steel Mills and Ferroalloys	0.2	0.1	0.4
3312	Steel Products from Purchased Steel	9.8	10.4	10.5
3313	Alumina and Aluminum	2.2	1.7	1.3
331314	Secondary Smelting and Alloying of Aluminum	0.1	0.1	0.1
331315	Aluminum Sheet, Plate and Foils	5.1	3.2	2.3
331318	Other Aluminum Rolling, Drawing and Extruding	2.5	2.1	1.2
3314	Nonferrous Metals, except Aluminum	5.7	3.8	12.9
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	10.8	3.8	1.6
3315	Foundries	3.6	3.2	3.3
331511	Iron Foundries	2.0	2.1	2.1
331523	Nonferrous Metal Die-Casting Foundries	6.5	1.5	0.9
331524	Aluminum Foundries, except Die-Casting	7.9	8.1	8.4
332	Fabricated Metal Products	11.8	11.7	11.1
333	Machinery	7.4	9.9	8.6
334	Computer and Electronic Products	7.9	10.0	8.8
334413	Semiconductors and Related Devices	6.1	3.2	1.2
335	Electrical Equip., Appliances, and Components	9.6	11.5	11.4
336	Transportation Equipment	6.6	10.1	5.5
336111	Automobiles	0.0	0.0	0.0
336112	Light Trucks and Utility Vehicles	0.0	0.0	0.0
3364	Aerospace Product and Parts	4.4	7.1	5.0
336411	Aircraft	11.3	18.4	14.9
337	Furniture and Related Products	8.7	17.4	10.3
339	Miscellaneous	16.5	18.9	18.7
	Total	2.1	2.4	1.6

Northeast Census Region

311	Food	10.0	9.8	10.2
3112	Grain and Oilseed Milling	31.6	6.5	34.8
311221	Wet Corn Milling	0.0	0.0	0.0
31131	Sugar Manufacturing	0.0	0.0	0.0
3114	Fruit and Vegetable Preserving and Specialty Food	5.9	6.7	3.4
3115	Dairy Product	4.2	5.9	4.4
3116	Animal Slaughtering and Processing	6.1	8.2	7.0
312	Beverage and Tobacco Products	9.1	7.5	6.5
3121	Beverages	9.6	8.0	6.8
3122	Tobacco	0.0	0.0	0.0
313	Textile Mills	62.9	63.3	63.5
314	Textile Product Mills	85.9	106.3	58.4
315	Apparel	17.5	41.0	34.7
316	Leather and Allied Products	12.1	12.0	13.2
321	Wood Products	11.2	9.8	9.4
321113	Sawmills	4.6	3.3	3.1
3212	Veneer, Plywood, and Engineered Woods	6.3	5.6	5.1
321219	Reconstituted Wood Products	0.1	0.1	0.1
3219	Other Wood Products	23.5	22.7	22.4
322	Paper	17.5	15.0	16.5
322110	Pulp Mills	0.0	0.0	0.0
322121	Paper Mills, except Newsprint	0.0	0.0	0.0
322122	Newsprint Mills	X	X	X
322130	Paperboard Mills	0.0	0.0	0.0
323	Printing and Related Support	18.1	17.9	15.7
324	Petroleum and Coal Products	6.3	2.2	0.7
324110	Petroleum Refineries	0.0	0.0	0.0
324121	Asphalt Paving Mixture and Block	17.7	9.8	6.0
324122	Asphalt Shingle and Coating Materials	0.0	0.0	0.0
324199	Other Petroleum and Coal Products	0.0	0.0	0.0
325	Chemicals	11.3	10.6	10.4
325110	Petrochemicals	0.0	0.0	0.0
325120	Industrial Gases	49.2	27.4	34.4
325180	Other Basic Inorganic Chemicals	40.3	13.8	14.2
325193	Ethyl Alcohol	0.0	0.0	0.0
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	0.0	0.0	0.0
325199	Other Basic Organic Chemicals	16.5	2.8	3.2
325211	Plastics Materials and Resins	16.1	16.8	12.7
325212	Synthetic Rubber	0.0	0.0	0.0
325220	Artificial and Synthetic Fibers and Filaments	0.0	0.0	0.0
325311	Nitrogenous Fertilizers	0.0	0.0	0.0

325312	Phosphatic Fertilizers	0.0	0.0	0.0
3254	Pharmaceuticals and Medicines	15.2	13.5	11.8
325412	Pharmaceutical Preparation	7.7	3.8	4.0
325992	Photographic Film, Paper, Plate, and Chemicals	0.0	0.0	0.0
326	Plastics and Rubber Products	31.7	20.6	16.6
327	Nonmetallic Mineral Products	12.2	14.0	15.7
327120	Clay Building Material and Refractories	1.9	1.8	4.4
327211	Flat Glass	0.0	0.0	0.0
327212	Other Pressed and Blown Glass and Glassware	24.1	32.5	37.4
327213	Glass Containers	0.0	0.0	0.0
327215	Glass Products from Purchased Glass	7.8	8.1	8.3
327310	Cements	0.0	0.0	0.0
327410	Lime	0.0	0.0	0.0
327420	Gypsum	0.0	0.0	0.0
327993	Mineral Wool	0.0	0.0	0.0
331	Primary Metals	2.2	2.2	2.2
331110	Iron and Steel Mills and Ferroalloys	0.8	0.2	1.9
3312	Steel Products from Purchased Steel	11.9	13.4	9.3
3313	Alumina and Aluminum	0.0	0.0	0.0
331314	Secondary Smelting and Alloying of Aluminum	0.0	0.0	0.0
331315	Aluminum Sheet, Plate and Foils	0.0	0.0	0.0
331318	Other Aluminum Rolling, Drawing and Extruding	0.0	0.0	0.0
3314	Nonferrous Metals, except Aluminum	7.3	10.3	9.4
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	0.0	0.0	0.0
3315	Foundries	3.1	2.7	2.2
331511	Iron Foundries	2.9	5.3	2.9
331523	Nonferrous Metal Die-Casting Foundries	1.6	2.9	2.8
331524	Aluminum Foundries, except Die-Casting	1.6	1.6	1.8
332	Fabricated Metal Products	25.3	39.5	30.3
333	Machinery	12.0	23.8	35.7
334	Computer and Electronic Products	16.7	17.3	17.3
334413	Semiconductors and Related Devices	6.4	6.4	6.5
335	Electrical Equip., Appliances, and Components	11.8	12.0	15.2
336	Transportation Equipment	53.3	109.6	64.4
336111	Automobiles	0.0	0.0	0.0
336112	Light Trucks and Utility Vehicles	X	X	X
3364	Aerospace Product and Parts	2.6	3.0	3.5
336411	Aircraft	0.0	0.0	0.0
337	Furniture and Related Products	35.7	52.9	52.2
339	Miscellaneous	19.8	22.9	21.8
	Total	6.3	11.0	7.2

Midwest Census Region

311	Food	8.6	7.4	5.7
3112	Grain and Oilseed Milling	6.3	4.6	2.9
311221	Wet Corn Milling	0.0	0.0	0.0
31131	Sugar Manufacturing	0.0	0.0	0.0
3114	Fruit and Vegetable Preserving and Specialty Food	5.2	4.7	3.8
3115	Dairy Product	6.2	11.9	8.1
3116	Animal Slaughtering and Processing	4.6	7.4	4.2
312	Beverage and Tobacco Products	9.1	7.4	5.1
3121	Beverages	9.2	8.2	5.5
3122	Tobacco	0.0	0.0	0.0
313	Textile Mills	11.8	10.6	21.5
314	Textile Product Mills	60.4	94.2	79.8
315	Apparel	56.4	42.2	27.9
316	Leather and Allied Products	21.7	39.5	11.0
321	Wood Products	10.7	10.3	9.9
321113	Sawmills	3.8	4.4	3.1
3212	Veneer, Plywood, and Engineered Woods	6.9	12.0	8.5
321219	Reconstituted Wood Products	14.3	36.5	19.9
3219	Other Wood Products	19.5	19.4	19.0
322	Paper	13.0	10.9	12.1
322110	Pulp Mills	0.0	0.0	0.0
322121	Paper Mills, except Newsprint	0.1	0.1	0.1
322122	Newsprint Mills	0.0	0.0	0.0
322130	Paperboard Mills	0.0	0.0	0.0
323	Printing and Related Support	15.2	26.6	23.8
324	Petroleum and Coal Products	5.8	1.3	0.5

324110	Petroleum Refineries	9.2	0.1	0.1
324121	Asphalt Paving Mixture and Block	12.8	8.4	6.9
324122	Asphalt Shingle and Coating Materials	2.1	21.1	14.9
324199	Other Petroleum and Coal Products	0.0	0.0	0.0
325	Chemicals	16.9	16.2	11.1
325110	Petrochemicals	120.2	62.3	28.5
325120	Industrial Gases	14.9	18.4	5.0
325180	Other Basic Inorganic Chemicals	18.8	10.6	8.6
325193	Ethyl Alcohol	3.0	2.4	2.3
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	0.0	0.0	0.0
325199	Other Basic Organic Chemicals	34.4	32.7	33.2
325211	Plastics Materials and Resins	12.5	15.3	10.7
325212	Synthetic Rubber	0.0	0.0	0.0
325220	Artificial and Synthetic Fibers and Filaments	0.0	0.0	0.0
325311	Nitrogenous Fertilizers	14.7	5.8	5.3
325312	Phosphatic Fertilizers	0.0	0.0	0.0
3254	Pharmaceuticals and Medicines	4.9	2.8	5.6
325412	Pharmaceutical Preparation	6.7	3.4	7.3
325992	Photographic Film, Paper, Plate, and Chemicals	0.0	0.0	0.0
326	Plastics and Rubber Products	10.1	13.3	11.0
327	Nonmetallic Mineral Products	11.9	14.8	11.8
327120	Clay Building Material and Refractories	7.8	20.0	13.8
327211	Flat Glass	0.0	0.0	0.0
327212	Other Pressed and Blown Glass and Glassware	11.3	3.7	3.7
327213	Glass Containers	0.0	0.0	0.0
327215	Glass Products from Purchased Glass	1.8	1.4	1.6
327310	Cements	1.4	0.8	11.9
327410	Lime	0.0	0.0	0.0
327420	Gypsum	0.0	0.0	0.0
327993	Mineral Wool	6.0	8.3	14.1
331	Primary Metals	1.7	0.9	5.2
331110	Iron and Steel Mills and Ferroalloys	0.0	0.0	0.0
3312	Steel Products from Purchased Steel	21.9	23.4	24.2
3313	Alumina and Aluminum	1.9	1.4	0.8
331314	Secondary Smelting and Alloying of Aluminum	0.1	0.1	0.1
331315	Aluminum Sheet, Plate and Foils	0.0	0.0	0.0
331318	Other Aluminum Rolling, Drawing and Extruding	4.5	5.3	3.3
3314	Nonferrous Metals, except Aluminum	8.2	7.3	39.9
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	0.0	0.0	0.0
3315	Foundries	3.8	2.2	2.3
331511	Iron Foundries	2.9	3.1	3.2
331523	Nonferrous Metal Die-Casting Foundries	11.2	2.4	1.2
331524	Aluminum Foundries, except Die-Casting	12.2	12.1	12.5
332	Fabricated Metal Products	21.9	18.2	18.7
333	Machinery	11.6	16.5	13.5
334	Computer and Electronic Products	32.8	33.9	33.9
334413	Semiconductors and Related Devices	0.1	0.1	0.1
335	Electrical Equip., Appliances, and Components	21.2	27.4	29.2
336	Transportation Equipment	9.8	7.6	7.5
336111	Automobiles	0.0	0.0	0.0
336112	Light Trucks and Utility Vehicles	0.0	0.0	0.0
3364	Aerospace Product and Parts	4.5	5.5	4.8
336411	Aircraft	1.1	7.2	5.1
337	Furniture and Related Products	15.0	19.4	18.9
339	Miscellaneous	14.4	25.9	24.7
	Total	4.6	4.1	3.2

South Census Region

311	Food	7.6	26.4	12.9
3112	Grain and Oilseed Milling	7.6	9.5	14.8
311221	Wet Corn Milling	0.0	0.0	0.0
31131	Sugar Manufacturing	0.1	0.1	0.1
3114	Fruit and Vegetable Preserving and Specialty Food	17.1	31.9	26.5
3115	Dairy Product	4.4	5.9	3.1
3116	Animal Slaughtering and Processing	4.8	5.5	8.1
312	Beverage and Tobacco Products	13.6	9.3	9.0
3121	Beverages	17.5	22.2	16.6
3122	Tobacco	0.1	0.1	0.1
313	Textile Mills	10.9	13.9	11.0

314	Textile Product Mills	19.0	17.3	12.5
315	Apparel	13.9	13.4	17.4
316	Leather and Allied Products	16.9	17.1	86.4
321	Wood Products	17.4	16.6	17.6
321113	Sawmills	3.8	4.3	3.5
3212	Veneer, Plywood, and Engineered Woods	5.7	5.0	3.6
321219	Reconstituted Wood Products	9.1	7.3	5.2
3219	Other Wood Products	66.9	66.3	67.4
322	Paper	11.9	6.9	7.5
322110	Pulp Mills	0.0	0.0	0.0
322121	Paper Mills, except Newsprint	0.0	0.0	0.0
322122	Newsprint Mills	0.0	0.0	0.0
322130	Paperboard Mills	0.0	0.0	0.0
323	Printing and Related Support	38.9	48.7	46.0
324	Petroleum and Coal Products	5.0	1.6	0.3
324110	Petroleum Refineries	0.0	0.0	0.0
324121	Asphalt Paving Mixture and Block	11.6	11.6	10.5
324122	Asphalt Shingle and Coating Materials	1.5	2.4	1.5
324199	Other Petroleum and Coal Products	0.0	0.0	0.0
325	Chemicals	7.6	6.9	5.2
325110	Petrochemicals	0.0	0.0	0.0
325120	Industrial Gases	17.3	11.6	8.7
325180	Other Basic Inorganic Chemicals	19.9	14.0	10.5
325193	Ethyl Alcohol	0.0	0.0	0.0
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	0.0	0.0	0.0
325199	Other Basic Organic Chemicals	4.1	4.3	2.9
325211	Plastics Materials and Resins	7.0	3.1	2.9
325212	Synthetic Rubber	0.0	0.0	0.0
325220	Artificial and Synthetic Fibers and Filaments	0.0	0.0	0.0
325311	Nitrogenous Fertilizers	17.2	3.7	5.8
325312	Phosphatic Fertilizers	0.0	0.0	0.0
3254	Pharmaceuticals and Medicines	4.2	2.1	1.8
325412	Pharmaceutical Preparation	3.2	1.9	1.8
325992	Photographic Film, Paper, Plate, and Chemicals	6.3	8.6	4.2
326	Plastics and Rubber Products	9.7	9.5	9.0
327	Nonmetallic Mineral Products	21.7	7.5	6.9
327120	Clay Building Material and Refractories	3.7	4.7	5.2
327211	Flat Glass	0.0	0.0	0.0
327212	Other Pressed and Blown Glass and Glassware	5.0	2.4	1.3
327213	Glass Containers	0.0	0.0	0.0
327215	Glass Products from Purchased Glass	12.4	14.5	14.0
327310	Cements	1.0	2.2	1.3
327410	Lime	0.0	0.0	0.0
327420	Gypsum	15.8	15.9	15.6
327993	Mineral Wool	8.8	3.7	9.4
331	Primary Metals	3.6	1.7	4.5
331110	Iron and Steel Mills and Ferroalloys	0.0	0.0	0.0
3312	Steel Products from Purchased Steel	6.8	7.0	6.4
3313	Alumina and Aluminum	5.5	3.7	2.8
331314	Secondary Smelting and Alloying of Aluminum	0.0	0.0	0.0
331315	Aluminum Sheet, Plate and Foils	12.6	8.0	5.0
331318	Other Aluminum Rolling, Drawing and Extruding	5.4	0.9	1.5
3314	Nonferrous Metals, except Aluminum	16.8	7.6	21.6
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	0.0	0.0	0.0
3315	Foundries	11.1	11.0	11.2
331511	Iron Foundries	2.2	0.7	0.6
331523	Nonferrous Metal Die-Casting Foundries	2.5	2.1	1.7
331524	Aluminum Foundries, except Die-Casting	1.8	0.8	1.0
332	Fabricated Metal Products	15.3	15.8	17.8
333	Machinery	13.1	19.7	14.0
334	Computer and Electronic Products	13.4	13.4	16.6
334413	Semiconductors and Related Devices	4.0	2.3	2.2
335	Electrical Equip., Appliances, and Components	14.0	13.0	14.3
336	Transportation Equipment	5.7	7.9	6.9
336111	Automobiles	0.0	0.0	0.0
336112	Light Trucks and Utility Vehicles	0.0	0.0	0.0
3364	Aerospace Product and Parts	9.0	22.0	13.1
336411	Aircraft	17.1	36.8	26.1
337	Furniture and Related Products	12.4	43.3	11.5
339	Miscellaneous	38.8	38.7	39.4
	Total	3.4	3.8	2.5

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311	Food	7.7	8.3	8.1
3112	Grain and Oilseed Milling	3.9	7.2	5.9
311221	Wet Corn Milling	0.0	0.0	0.0
31131	Sugar Manufacturing	0.1	0.1	0.1
3114	Fruit and Vegetable Preserving and Specialty Food	5.6	7.1	5.5
3115	Dairy Product	9.9	18.8	8.3
3116	Animal Slaughtering and Processing	3.6	5.9	4.2
312	Beverage and Tobacco Products	14.4	12.3	12.1
3121	Beverages	14.4	12.3	12.1
3122	Tobacco	X	X	X
313	Textile Mills	22.1	14.3	14.6
314	Textile Product Mills	82.4	70.8	69.7
315	Apparel	35.6	28.9	23.0
316	Leather and Allied Products	16.5	16.4	8.0
321	Wood Products	10.0	6.9	6.2
321113	Sawmills	3.4	3.8	3.4
3212	Veneer, Plywood, and Engineered Woods	9.8	8.7	4.5
321219	Reconstituted Wood Products	6.5	3.1	4.2
3219	Other Wood Products	20.2	19.0	18.1
322	Paper	20.6	19.4	15.9
322110	Pulp Mills	0.0	0.0	0.0
322121	Paper Mills, except Newsprint	0.0	0.0	0.0
322122	Newsprint Mills	0.0	0.0	0.0
322130	Paperboard Mills	0.0	0.0	0.0
323	Printing and Related Support	18.4	22.5	21.1
324	Petroleum and Coal Products	1.3	1.4	0.4
324110	Petroleum Refineries	0.5	0.1	0.3
324121	Asphalt Paving Mixture and Block	13.7	27.3	19.3
324122	Asphalt Shingle and Coating Materials	1.8	1.9	1.8
324199	Other Petroleum and Coal Products	0.0	0.0	0.0
325	Chemicals	8.2	7.3	7.2
325110	Petrochemicals	0.0	0.0	0.0
325120	Industrial Gases	20.3	39.3	27.6
325180	Other Basic Inorganic Chemicals	15.2	16.4	14.0
325193	Ethyl Alcohol	8.7	45.1	4.5
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	0.0	0.0	0.0
325199	Other Basic Organic Chemicals	67.5	133.1	85.8
325211	Plastics Materials and Resins	25.9	25.3	24.8
325212	Synthetic Rubber	0.0	0.0	0.0
325220	Artificial and Synthetic Fibers and Filaments	0.0	0.0	0.0
325311	Nitrogenous Fertilizers	0.0	0.0	0.0
325312	Phosphatic Fertilizers	0.0	0.0	0.0
3254	Pharmaceuticals and Medicines	6.0	5.9	6.4
325412	Pharmaceutical Preparation	7.6	4.8	4.6
325992	Photographic Film, Paper, Plate, and Chemicals	18.4	4.6	4.2
326	Plastics and Rubber Products	39.9	38.7	37.5
327	Nonmetallic Mineral Products	15.9	10.1	9.9
327120	Clay Building Material and Refractories	8.1	8.7	7.2
327211	Flat Glass	0.0	0.0	0.0
327212	Other Pressed and Blown Glass and Glassware	7.1	6.9	4.8
327213	Glass Containers	0.0	0.0	0.0
327215	Glass Products from Purchased Glass	7.8	7.9	7.8
327310	Cements	24.1	22.7	19.1
327410	Lime	0.0	0.0	0.0
327420	Gypsum	16.2	14.2	16.4
327993	Mineral Wool	0.0	0.0	0.0
331	Primary Metals	3.4	2.4	1.2
331110	Iron and Steel Mills and Ferroalloys	0.0	0.0	0.0
3312	Steel Products from Purchased Steel	22.7	8.1	5.7
3313	Alumina and Aluminum	3.0	3.9	0.9
331314	Secondary Smelting and Alloying of Aluminum	0.1	0.1	0.1
331315	Aluminum Sheet, Plate and Foils	0.0	0.0	0.0
331318	Other Aluminum Rolling, Drawing and Extruding	5.5	9.8	2.2
3314	Nonferrous Metals, except Aluminum	10.3	7.3	3.9
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	40.1	14.7	10.9
3315	Foundries	4.9	2.5	1.5
331511	Iron Foundries	0.0	0.0	0.0

331523	Nonferrous Metal Die-Casting Foundries	1.4	1.3	1.0
331524	Aluminum Foundries, except Die-Casting	1.8	1.4	1.4
332	Fabricated Metal Products	26.8	32.3	28.2
333	Machinery	23.8	29.7	29.0
334	Computer and Electronic Products	11.0	20.2	12.0
334413	Semiconductors and Related Devices	8.4	4.5	1.2
335	Electrical Equip., Appliances, and Components	47.9	41.6	45.4
336	Transportation Equipment	8.8	10.6	8.0
336111	Automobiles	0.0	0.0	0.0
336112	Light Trucks and Utility Vehicles	0.0	0.0	0.0
3364	Aerospace Product and Parts	8.8	8.4	8.3
336411	Aircraft	3.6	3.7	3.2
337	Furniture and Related Products	21.6	32.3	33.9
339	Miscellaneous	16.5	27.9	23.2
	Total	4.4	4.6	3.2

(a) The Bureau of the Census classifies establishments using the 2012 North American Industry Classification System (NAICS).

* 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.

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

-- Estimation is not applicable. Energy source is not included in series.

Notes: Totals may not equal sum of components because of independent rounding. Operating ratios were calculated using the estimates of fuel consumption reported in Table 3.2.

Sources: Energy Information Administration, Office of Energy Consumption and Efficiency Statistics, Form EIA-846, '2014 Manufacturing Energy Consumption Survey,' and the Bureau of the Census, data files for the '2014 Annual Survey of Manufactures.'