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 Next MECS will be fielded in 2019

**Table 6.4 Consumption Ratios of Fuel, 2014;**

Level: National Data;  
 Row: Employment Sizes within NAICS Codes;  
 Column: Energy-Consumption Ratios;  
 Unit: Varies.

NAICS Code(a)	Economic Characteristic(b)	Consumption per Employee (million Btu)	Consumption per Dollar of Value Added (thousand Btu)	Consumption per Dollar of Value of Shipments (thousand Btu)
<b>Total United States</b>				
<b>311 - 339</b>	<b>ALL MANUFACTURING INDUSTRIES</b>			
	<b>Employment Size</b>			
	Under 50	640.7	4.1	1.9
	50-99	686.7	4.2	1.9
	100-249	989.2	5.2	2.3
	250-499	1,612.9	7.3	2.9
	500-999	2,785.6	10.5	3.7
	1000 and Over	1,685.6	5.5	2.1
	Total	1,340.7	6.2	2.5
<b>311</b>	<b>FOOD</b>			
	<b>Employment Size</b>			
	Under 50	1,000.8	6.2	1.5
	50-99	911.0	3.7	1.1
	100-249	1,090.5	5.2	1.6
	250-499	1,039.1	4.5	1.6
	500-999	857.5	3.3	1.6
	1000 and Over	310.6	2.5	0.6
	Total	834.1	4.1	1.4
<b>3112</b>	<b>Grain and Oilseed Milling</b>			
	<b>Employment Size</b>			
	Under 50	4,555.9	9.7	1.6
	50-99	5,689.5	9.7	2.1
	100-249	4,247.7	11.9	2.4
	250-499	7,692.9	14.8	5.0
	500-999	4,144.9	10.9	4.5
	1000 and Over	859.8	48.6	2.5
	Total	5,171.9	11.8	2.7
<b>311221</b>	<b>Wet Corn Milling</b>			
	<b>Employment Size</b>			
	Under 50	29,919.8	68.8	21.5
	50-99	13,444.0	26.4	10.4
	100-249	15,803.9	22.7	9.0
	250-499	20,040.2	33.5	11.7
	500-999	40,130.2	49.8	15.3
	1000 and Over	0.0	0.0	0.0
	Total	21,055.0	33.6	12.0
<b>31131</b>	<b>Sugar</b>			
	<b>Employment Size</b>			
	Under 50	290.9	1.3	0.5
	50-99	972.9	5.9	2.1
	100-249	9,905.3	57.5	19.3

250-499	7,865.5	40.9	16.3
500-999	15,757.0	64.2	25.3
1000 and Over	0.0	0.0	0.0
Total	9,029.8	46.2	17.4

**3114 Fruit and Vegetable Preserving and Specialty Foods**

**Employment Size**

Under 50	917.6	4.5	2.2
50-99	1,098.0	7.4	2.9
100-249	865.3	3.6	1.6
250-499	1,038.0	5.6	2.3
500-999	1,145.7	5.2	2.5
1000 and Over	423.7	1.3	0.8
Total	963.5	4.4	2.0

**3115 Dairy Products**

**Employment Size**

Under 50	979.9	5.4	1.2
50-99	982.7	4.5	1.0
100-249	1,057.6	4.4	1.0
250-499	751.1	2.0	0.7
500-999	591.9	3.1	0.6
1000 and Over	723.2	3.7	0.7
Total	880.6	3.3	0.8

**3116 Animal Slaughtering and Processing**

**Employment Size**

Under 50	1,640.9	8.0	3.1
50-99	1,169.4	5.0	2.5
100-249	1,002.9	4.8	1.4
250-499	396.5	2.4	0.7
500-999	307.4	2.7	0.9
1000 and Over	332.7	3.2	0.7
Total	444.8	3.4	0.9

**312 BEVERAGE AND TOBACCO PRODUCTS**

**Employment Size**

Under 50	577.4	2.5	1.4
50-99	562.5	1.4	0.6
100-249	497.8	1.0	0.5
250-499	508.9	1.2	0.6
500-999	889.6	2.5	1.3
1000 and Over	1,148.3	0.4	0.3
Total	602.9	1.1	0.6

**3121 Beverages**

**Employment Size**

Under 50	581.1	2.6	1.5
50-99	483.1	1.2	0.6
100-249	474.2	1.1	0.5
250-499	514.9	1.4	0.6
500-999	954.0	2.6	1.4
1000 and Over	1,586.4	2.1	1.3
Total	591.7	1.5	0.7

**3122 Tobacco**

**Employment Size**

Under 50	360.1	0.9	0.4
50-99	2,110.0	4.8	2.2
100-249	905.1	0.7	0.5
250-499	386.7	0.3	0.2

500-999	349.5	1.3	0.7
1000 and Over	700.5	0.1	0.1
Total	734.6	0.3	0.2

**313 TEXTILE MILLS**

**Employment Size**

Under 50	Q	Q	Q
50-99	397.0	5.1	2.4
100-249	741.9	6.7	2.2
250-499	865.4	6.8	2.7
500-999	1,270.7	8.8	4.0
1000 and Over	1,927.6	12.7	5.1
Total	893.8	7.3	2.9

**314 TEXTILE PRODUCT MILLS**

**Employment Size**

Under 50	73.5	1.1	0.5
50-99	Q	Q	Q
100-249	142.3	1.4	0.6
250-499	437.9	4.4	1.7
500-999	366.9	Q	1.0
1000 and Over	476.3	8.3	1.9
Total	230.8	2.4	1.0

**315 APPAREL**

**Employment Size**

Under 50	41.0	0.6	0.4
50-99	91.5	1.7	0.8
100-249	61.8	0.8	0.5
250-499	114.8	2.6	1.1
500-999	121.7	1.7	1.1
1000 and Over	0.0	0.0	0.0
Total	72.2	1.1	0.6

**316 LEATHER AND ALLIED PRODUCTS**

**Employment Size**

Under 50	154.7	2.0	Q
50-99	159.6	1.9	0.7
100-249	134.4	1.6	0.5
250-499	30.5	0.4	0.2
500-999	24.9	Q	0.2
1000 and Over	0.0	0.0	0.0
Total	116.3	1.3	0.4

**321 WOOD PRODUCTS**

**Employment Size**

Under 50	420.5	4.4	1.9
50-99	1,149.8	9.8	4.3
100-249	2,042.4	15.2	6.6
250-499	1,335.3	9.8	4.1
500-999	1,019.9	9.1	4.0
1000 and Over	202.4	1.5	0.8
Total	1,161.5	9.9	4.3

**321113 Sawmills**

**Employment Size**

Under 50	623.2	4.6	2.0
50-99	1,109.1	7.8	3.6
100-249	3,111.6	17.2	7.6
250-499	3,201.4	17.1	7.1
500-999	0.0	0.0	0.0

	1000 and Over	0.0	0.0	0.0
	Total	1,958.4	12.3	5.5
<b>3212</b>	<b>Veneer, Plywood, and Engineered Woods</b>			
	<b>Employment Size</b>			
	Under 50	564.0	7.2	2.6
	50-99	836.5	7.4	3.2
	100-249	5,124.8	31.2	12.5
	250-499	2,561.0	18.0	7.2
	500-999	1,916.6	13.9	6.8
	1000 and Over	0.0	0.0	0.0
	Total	2,745.8	20.9	8.4
<b>321219</b>	<b>Reconstituted Wood Products</b>			
	<b>Employment Size</b>			
	Under 50	552.7	15.9	2.0
	50-99	2,184.1	13.8	5.7
	100-249	8,627.8	37.8	15.1
	250-499	3,274.8	21.2	10.3
	500-999	0.0	0.0	0.0
	1000 and Over	0.0	0.0	0.0
	Total	6,660.0	34.2	13.3
<b>3219</b>	<b>Other Wood Products</b>			
	<b>Employment Size</b>			
	Under 50	333.3	3.8	1.7
	50-99	Q	Q	Q
	100-249	202.5	2.1	1.0
	250-499	144.8	1.3	0.6
	500-999	609.8	6.1	2.5
	1000 and Over	202.4	1.5	0.8
	Total	462.6	4.7	2.1
<b>322</b>	<b>PAPER</b>			
	<b>Employment Size</b>			
	Under 50	503.1	3.0	1.0
	50-99	867.3	5.3	1.9
	100-249	2,021.3	11.3	4.2
	250-499	8,466.6	27.2	14.5
	500-999	17,123.9	44.1	23.2
	1000 and Over	10,802.7	25.6	14.6
	Total	6,389.3	24.8	11.4
<b>322110</b>	<b>Pulp Mills</b>			
	<b>Employment Size</b>			
	Under 50	2,691.4	10.7	4.0
	50-99	11,741.8	42.6	12.6
	100-249	19,698.6	67.1	25.8
	250-499	44,508.8	121.5	60.3
	500-999	39,002.0	109.4	54.8
	1000 and Over	0.0	0.0	0.0
	Total	39,257.7	111.2	53.1
<b>322121</b>	<b>Paper Mills, except Newsprint</b>			
	<b>Employment Size</b>			
	Under 50	1,169.0	5.9	3.0
	50-99	4,811.1	22.5	10.1
	100-249	5,738.5	22.2	9.1
	250-499	10,404.9	25.0	13.6
	500-999	18,527.1	48.5	24.3
	1000 and Over	11,592.0	27.0	15.7

Total	13,178.9	34.7	18.0
<b>322122</b>	<b>Newsprint Mills</b>		
<b>Employment Size</b>			
Under 50	0.0	0.0	0.0
50-99	0.0	0.0	0.0
100-249	18,095.9	49.9	24.8
250-499	17,955.8	31.9	17.0
500-999	25,015.1	82.4	44.7
1000 and Over	0.0	0.0	0.0
Total	19,551.9	46.3	24.1
<b>322130</b>	<b>Paperboard Mills</b>		
<b>Employment Size</b>			
Under 50	16,337.0	78.8	38.2
50-99	8,861.4	24.4	13.4
100-249	11,146.1	23.4	13.0
250-499	30,989.3	51.7	31.3
500-999	31,332.9	63.2	36.6
1000 and Over	21,252.4	163.0	26.9
Total	25,688.7	50.9	29.0
<b>323</b>	<b>PRINTING AND RELATED SUPPORT</b>		
<b>Employment Size</b>			
Under 50	Q	Q	Q
50-99	142.8	1.1	0.7
100-249	206.4	1.3	0.8
250-499	311.8	2.5	1.5
500-999	484.1	3.7	2.2
1000 and Over	609.8	4.6	2.4
Total	235.3	1.6	1.0
<b>324</b>	<b>PETROLEUM AND COAL PRODUCTS</b>		
<b>Employment Size</b>			
Under 50	5,023.2	12.4	3.3
50-99	4,766.2	10.9	3.9
100-249	9,786.5	22.8	3.4
250-499	43,478.2	38.3	3.9
500-999	55,687.1	40.7	4.2
1000 and Over	57,495.1	54.9	5.5
Total	34,738.3	39.3	4.4
<b>324110</b>	<b>Petroleum Refineries</b>		
<b>Employment Size</b>			
Under 50	Q	23.9	2.0
50-99	38,734.8	74.4	4.9
100-249	35,109.4	45.9	3.7
250-499	47,996.2	39.9	3.8
500-999	57,001.4	41.9	4.2
1000 and Over	57,495.1	54.9	5.5
Total	52,785.3	45.8	4.5
<b>324121</b>	<b>Asphalt Paving Mixture and Block</b>		
<b>Employment Size</b>			
Under 50	5,425.2	14.4	4.1
50-99	1,376.9	6.7	3.1
100-249	657.7	8.0	2.6
250-499	150.2	1.2	1.0
500-999	0.0	0.0	0.0
1000 and Over	0.0	0.0	0.0
Total	3,802.5	12.8	3.9

<b>324122 Asphalt Shingle and Coating Materials</b>				
<b>Employment Size</b>				
Under 50	2,668.0	4.6	1.7	
50-99	1,337.2	3.3	1.3	
100-249	1,617.6	3.5	1.4	
250-499	0.0	0.0	0.0	
500-999	0.0	0.0	0.0	
1000 and Over	0.0	0.0	0.0	
Total	1,710.8	3.7	1.5	
<b>324199 Other Petroleum and Coal Products</b>				
<b>Employment Size</b>				
Under 50	32,074.1	54.8	10.0	
50-99	31,643.1	51.2	18.4	
100-249	9,711.1	23.5	6.4	
250-499	23,043.9	52.8	27.8	
500-999	0.0	0.0	0.0	
1000 and Over	0.0	0.0	0.0	
Total	20,704.0	41.9	11.8	
<b>325 CHEMICALS</b>				
<b>Employment Size</b>				
Under 50	5,259.6	12.0	4.7	
50-99	3,347.0	7.9	3.7	
100-249	4,049.3	9.0	4.3	
250-499	5,911.2	8.6	4.6	
500-999	7,008.3	10.7	4.8	
1000 and Over	4,595.2	6.4	4.3	
Total	4,958.6	8.9	4.4	
<b>325110 Petrochemicals</b>				
<b>Employment Size</b>				
Under 50	39,429.5	6.5	4.2	
50-99	58,450.0	17.9	7.9	
100-249	50,922.9	34.8	12.1	
250-499	49,320.8	16.3	8.7	
500-999	70,670.4	19.5	6.1	
1000 and Over	0.0	0.0	0.0	
Total	59,075.4	18.8	7.2	
<b>325120 Industrial Gases</b>				
<b>Employment Size</b>				
Under 50	15,999.2	26.9	16.2	
50-99	14,271.0	27.2	17.0	
100-249	4,070.6	15.5	5.1	
250-499	6,417.8	38.8	7.5	
500-999	3,082.1	26.7	13.8	
1000 and Over	0.0	0.0	0.0	
Total	11,259.5	25.5	13.5	
<b>325180 Other Basic Inorganic Chemicals</b>				
<b>Employment Size</b>				
Under 50	3,160.5	7.7	4.3	
50-99	6,517.4	10.7	6.7	
100-249	14,917.3	33.3	17.3	
250-499	17,851.2	40.1	20.4	
500-999	644.6	Q	1.8	
1000 and Over	11,696.1	26.7	18.4	
Total	8,862.0	21.3	12.3	

<b>325193</b>	<b>Ethyl Alcohol</b>			
	<b>Employment Size</b>			
	Under 50	39,695.0	51.2	11.8
	50-99	44,153.0	43.1	10.9
	100-249	37,148.6	60.8	15.1
	250-499	64,852.4	28.1	11.0
	500-999	0.0	0.0	0.0
	1000 and Over	0.0	0.0	0.0
	Total	44,143.1	42.5	11.5
<b>325194</b>	<b>Cyclic Crudes, Intermediate and Gum and Wood Chemicals</b>			
	<b>Employment Size</b>			
	Under 50	2,241.9	6.8	2.3
	50-99	2,298.1	6.7	3.4
	100-249	9,153.6	16.2	4.5
	250-499	921.8	18.0	3.8
	500-999	12,719.5	13.5	5.9
	1000 and Over	0.0	0.0	0.0
	Total	5,764.9	12.2	4.3
<b>325199</b>	<b>Other Basic Organic Chemicals</b>			
	<b>Employment Size</b>			
	Under 50	32,354.8	40.9	15.4
	50-99	4,321.5	12.0	5.1
	100-249	7,543.6	13.0	5.4
	250-499	25,159.7	42.4	13.8
	500-999	11,971.9	17.9	6.5
	1000 and Over	6,697.9	25.5	9.8
	Total	11,892.9	23.3	8.8
<b>325211</b>	<b>Plastics Materials and Resins</b>			
	<b>Employment Size</b>			
	Under 50	1,138.4	3.5	1.2
	50-99	1,995.4	7.4	2.3
	100-249	5,599.3	8.6	2.2
	250-499	11,138.8	14.5	6.2
	500-999	14,691.2	21.8	8.8
	1000 and Over	30,746.6	63.5	14.9
	Total	8,753.7	19.2	5.9
<b>325212</b>	<b>Synthetic Rubber</b>			
	<b>Employment Size</b>			
	Under 50	1,866.6	4.7	1.9
	50-99	1,957.3	6.0	2.1
	100-249	3,722.4	8.8	3.1
	250-499	8,097.4	34.4	7.1
	500-999	0.0	0.0	0.0
	1000 and Over	0.0	0.0	0.0
	Total	4,709.0	14.3	4.3
<b>325220</b>	<b>Artificial and Synthetic Fibers and Filaments</b>			
	<b>Employment Size</b>			
	Under 50	1,049.3	6.7	2.5
	50-99	697.6	6.3	1.7
	100-249	2,236.9	6.9	3.3
	250-499	2,904.1	14.2	3.8
	500-999	4,489.0	13.6	6.1
	1000 and Over	873.7	6.9	2.4
	Total	2,703.5	10.5	4.2
<b>325311</b>	<b>Nitrogenous Fertilizers</b>			

<b>Employment Size</b>			
Under 50	6,245.5	14.0	Q
50-99	21,198.3	29.9	17.0
100-249	50,504.5	37.4	24.3
250-499	78,746.6	32.2	23.0
500-999	0.0	0.0	0.0
1000 and Over	0.0	0.0	0.0
Total	35,930.2	32.1	20.3

**325312 Phosphatic Fertilizers**

<b>Employment Size</b>			
Under 50	969.8	2.6	0.9
50-99	166.2	0.5	0.2
100-249	19,978.3	12.9	6.6
250-499	3,752.9	4.6	1.5
500-999	4,381.8	6.8	2.0
1000 and Over	0.0	0.0	0.0
Total	7,028.9	8.1	3.0

**3254 Pharmaceuticals and Medicines**

<b>Employment Size</b>			
Under 50	607.2	2.6	1.7
50-99	370.3	1.3	0.7
100-249	480.7	1.2	0.8
250-499	467.2	0.5	0.3
500-999	429.3	0.9	0.6
1000 and Over	446.9	0.5	0.4
Total	453.9	0.7	0.5

**325412 Pharmaceutical Preparation**

<b>Employment Size</b>			
Under 50	740.7	2.5	1.7
50-99	291.9	0.7	0.5
100-249	478.7	1.3	0.7
250-499	477.5	0.4	0.2
500-999	349.4	0.6	0.5
1000 and Over	333.7	0.3	0.3
Total	403.4	0.5	0.3

**325992 Photographic Film, Paper, Plate, and Chemicals**

<b>Employment Size</b>			
Under 50	Q	Q	0.9
50-99	569.9	1.7	1.2
100-249	628.0	2.0	1.1
250-499	1,206.2	1.4	1.0
500-999	1,159.0	4.6	1.3
1000 and Over	951.5	3.1	2.0
Total	912.3	2.4	1.3

**326 PLASTICS AND RUBBER PRODUCTS**

<b>Employment Size</b>			
Under 50	437.8	3.1	1.5
50-99	287.4	2.3	1.0
100-249	314.3	2.3	1.1
250-499	379.5	3.0	1.4
500-999	539.7	4.3	2.0
1000 and Over	552.8	3.7	1.8
Total	374.8	2.8	1.3

**327 NONMETALLIC MINERAL PRODUCTS**

<b>Employment Size</b>			
Under 50	792.7	5.1	2.8
50-99	2,804.3	15.8	8.4
100-249	3,718.8	24.2	14.2
250-499	1,843.4	8.1	5.3
500-999	2,363.9	14.2	8.4
1000 and Over	375.7	2.1	1.4
Total	2,173.9	12.6	7.3

**327120 Clay Building Material and Refractories**

<b>Employment Size</b>			
Under 50	2,190.2	13.6	9.8
50-99	2,140.2	13.8	8.8
100-249	1,423.0	8.8	5.6
250-499	2,396.6	12.6	8.9
500-999	0.0	0.0	0.0
1000 and Over	0.0	0.0	0.0
Total	2,020.4	12.4	8.3

**327211 Flat Glass**

<b>Employment Size</b>			
Under 50	1,394.3	14.8	3.9
50-99	426.5	5.6	1.9
100-249	11,166.8	74.1	36.9
250-499	6,305.0	28.2	15.6
500-999	0.0	0.0	0.0
1000 and Over	0.0	0.0	0.0
Total	7,304.3	36.5	19.5

**327212 Other Pressed and Blown Glass and Glassware**

<b>Employment Size</b>			
Under 50	1,338.9	10.6	5.7
50-99	1,298.0	14.5	6.5
100-249	2,890.2	13.9	8.2
250-499	3,232.9	15.9	11.2
500-999	2,194.5	14.5	9.7
1000 and Over	1,667.7	9.6	7.7
Total	2,358.5	13.7	8.5

**327213 Glass Containers**

<b>Employment Size</b>			
Under 50	1,427.8	11.0	6.7
50-99	513.4	3.4	2.6
100-249	5,175.0	18.0	11.7
250-499	4,021.6	17.2	11.4
500-999	3,344.4	14.9	9.5
1000 and Over	0.0	0.0	0.0
Total	4,295.6	17.2	11.4

**327215 Glass Products from Purchased Glass**

<b>Employment Size</b>			
Under 50	797.4	5.7	3.3
50-99	641.6	5.2	2.6
100-249	418.4	3.3	1.7
250-499	329.5	2.6	1.3
500-999	669.7	3.5	2.1
1000 and Over	152.0	0.8	0.5
Total	475.3	3.3	1.8

**327310 Cements**

<b>Employment Size</b>			
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	Q	Q	Q
Under 50			
50-99	21,414.8	71.0	37.4
100-249	27,956.6	96.5	48.5
250-499	13,593.4	33.9	22.6
500-999	0.0	0.0	0.0
1000 and Over	0.0	0.0	0.0
Total	24,201.5	82.9	41.2

**327410 Lime**

**Employment Size**

Under 50	27,326.9	67.5	34.4
50-99	33,384.1	81.7	50.3
100-249	21,754.1	92.1	52.6
250-499	0.0	0.0	0.0
500-999	23,329.2	68.3	52.5
1000 and Over	0.0	0.0	0.0
Total	25,898.2	79.7	47.1

**327420 Gypsum**

**Employment Size**

Under 50	1,095.3	5.6	2.1
50-99	7,592.7	21.0	11.0
100-249	6,595.0	19.8	10.9
250-499	3,033.3	24.7	5.6
500-999	0.0	0.0	0.0
1000 and Over	0.0	0.0	0.0
Total	6,067.3	19.1	9.7

**327993 Mineral Wool**

**Employment Size**

Under 50	1,367.2	6.6	2.4
50-99	1,699.7	9.2	5.3
100-249	3,462.7	13.6	8.5
250-499	2,600.9	10.3	6.1
500-999	2,503.7	10.8	6.9
1000 and Over	0.0	0.0	0.0
Total	2,519.9	10.6	5.9

**331 PRIMARY METALS**

**Employment Size**

Under 50	912.9	5.7	2.2
50-99	1,309.6	7.8	2.4
100-249	1,821.1	9.8	2.7
250-499	2,565.7	10.5	3.7
500-999	4,851.2	17.3	5.8
1000 and Over	15,366.2	48.5	17.1
Total	4,430.1	19.1	6.3

**331110 Iron and Steel Mills and Ferroalloys**

**Employment Size**

Under 50	4,894.8	17.3	5.1
50-99	2,012.9	9.3	2.6
100-249	5,643.6	17.5	5.6
250-499	6,670.4	13.0	4.5
500-999	7,054.7	21.6	5.4
1000 and Over	19,406.0	55.5	19.9
Total	11,853.1	32.6	10.4

**3312 Steel Products from Purchased Steel**

**Employment Size**

Under 50	659.0	3.8	1.4
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50-99	1,747.3	13.0	3.6
100-249	1,463.3	7.1	2.4
250-499	541.2	3.2	1.2
500-999	2,068.8	6.6	2.9
1000 and Over	1,851.5	9.4	2.1
Total	1,312.5	6.7	2.3

**3313 Alumina and Aluminum**

**Employment Size**

Under 50	2,094.3	10.3	3.2
50-99	2,308.6	12.5	3.0
100-249	2,318.9	12.6	3.5
250-499	3,080.7	16.0	5.9
500-999	8,538.1	29.5	9.6
1000 and Over	3,861.8	15.7	4.8
Total	4,397.3	19.6	6.0

**331314 Secondary Smelting and Alloying of Aluminum**

**Employment Size**

Under 50	3,364.4	18.2	3.5
50-99	4,972.3	19.7	3.5
100-249	3,009.8	15.6	2.8
250-499	0.0	0.0	0.0
500-999	0.0	0.0	0.0
1000 and Over	0.0	0.0	0.0
Total	3,832.2	17.9	3.2

**331315 Aluminum Sheet, Plate and Foils**

**Employment Size**

Under 50	1,779.3	13.9	4.6
50-99	3,663.8	10.0	3.0
100-249	2,013.4	7.5	2.1
250-499	2,048.5	10.6	3.3
500-999	3,618.4	10.0	2.9
1000 and Over	3,861.8	15.7	4.8
Total	3,315.1	11.5	3.4

**331318 Other Aluminum Rolling, Drawing and Extruding**

**Employment Size**

Under 50	679.9	3.4	2.1
50-99	684.7	6.2	2.0
100-249	728.9	5.5	1.6
250-499	871.0	4.5	1.8
500-999	944.1	5.6	2.4
1000 and Over	0.0	0.0	0.0
Total	793.9	5.1	1.9

**3314 Nonferrous Metals, except Aluminum**

**Employment Size**

Under 50	515.7	1.9	0.7
50-99	1,249.3	4.5	1.2
100-249	1,560.6	7.3	1.0
250-499	1,784.7	9.4	Q
500-999	3,716.2	12.6	5.0
1000 and Over	1,158.1	4.9	2.2
Total	1,788.9	7.5	1.6

**331410 Nonferrous Metal (except Aluminum) Smelting and Refining**

**Employment Size**

Under 50	609.8	2.4	0.7
50-99	3,806.0	13.6	5.0

100-249	5,284.3	22.4	4.8
250-499	7,814.7	16.8	13.0
500-999	10,598.8	18.3	10.5
1000 and Over	0.0	0.0	0.0
Total	6,670.7	17.4	7.2

**3315 Foundries**

**Employment Size**

Under 50	469.5	4.6	2.8
50-99	650.6	5.8	3.2
100-249	909.8	6.8	3.7
250-499	908.1	6.4	3.5
500-999	1,340.0	6.3	3.5
1000 and Over	1,787.7	12.3	5.8
Total	908.0	6.4	3.5

**331511 Iron Foundries**

**Employment Size**

Under 50	541.7	4.3	2.4
50-99	892.6	6.9	4.0
100-249	1,327.2	7.7	4.3
250-499	1,293.6	6.9	3.9
500-999	2,264.8	9.9	5.4
1000 and Over	1,787.7	12.3	5.8
Total	1,458.8	8.2	4.5

**331523 Nonferrous Metal Die-Casting Foundries**

**Employment Size**

Under 50	433.9	4.3	2.4
50-99	801.0	7.0	3.3
100-249	462.6	5.2	2.7
250-499	793.0	6.1	3.3
500-999	1,099.5	6.3	3.4
1000 and Over	0.0	0.0	0.0
Total	738.7	5.9	3.1

**331524 Aluminum Foundries, except Die-Casting**

**Employment Size**

Under 50	728.6	8.2	5.0
50-99	419.2	4.2	2.6
100-249	633.8	4.4	2.5
250-499	837.4	7.6	4.0
500-999	0.0	0.0	0.0
1000 and Over	0.0	0.0	0.0
Total	662.2	5.8	3.3

**332 FABRICATED METAL PRODUCTS**

**Employment Size**

Under 50	194.7	1.6	1.0
50-99	281.4	2.5	1.4
100-249	269.3	1.3	0.8
250-499	285.0	2.1	0.9
500-999	Q	Q	Q
1000 and Over	Q	2.8	Q
Total	231.8	1.6	0.9

**333 MACHINERY**

**Employment Size**

Under 50	100.8	0.8	0.4
50-99	123.1	0.9	0.5
100-249	154.3	0.9	0.4

250-499	134.3	0.9	0.5
500-999	248.5	1.1	0.5
1000 and Over	346.0	0.7	0.3
Total	155.7	0.9	0.4

**334 COMPUTER AND ELECTRONIC PRODUCTS**

**Employment Size**

Under 50	76.6	0.5	0.3
50-99	140.3	1.0	0.5
100-249	109.6	0.7	0.4
250-499	136.1	Q	0.4
500-999	224.1	1.2	0.5
1000 and Over	259.9	1.2	0.6
Total	183.2	1.1	0.5

**334413 Semiconductors and Related Devices**

**Employment Size**

Under 50	309.9	1.6	Q
50-99	166.1	0.8	0.5
100-249	Q	Q	2.2
250-499	667.6	1.9	1.1
500-999	677.1	2.7	1.5
1000 and Over	637.8	2.5	1.4
Total	593.0	2.4	1.4

**335 ELEC. EQUIP., APPLIANCES, COMPONENTS**

**Employment Size**

Under 50	84.0	0.7	0.3
50-99	244.7	1.4	0.7
100-249	252.9	1.5	0.6
250-499	253.4	1.1	0.5
500-999	416.6	1.4	0.8
1000 and Over	289.4	1.5	0.7
Total	245.1	1.3	0.6

**336 TRANSPORTATION EQUIPMENT**

**Employment Size**

Under 50	Q	2.2	1.0
50-99	210.6	1.4	0.5
100-249	239.3	1.9	0.7
250-499	235.5	1.4	0.6
500-999	250.4	1.3	0.5
1000 and Over	222.9	0.7	0.3
Total	231.9	0.9	0.4

**336111 Automobiles**

**Employment Size**

Under 50	0.0	0.0	0.0
50-99	32.1	0.4	0.1
100-249	453.9	4.6	4.0
250-499	0.0	0.0	0.0
500-999	428.1	0.5	0.2
1000 and Over	491.4	1.3	0.3
Total	487.4	1.3	0.3

**336112 Light Trucks and Utility Vehicles**

**Employment Size**

Under 50	89.1	0.7	0.2
50-99	48.8	0.5	0.2
100-249	520.3	2.6	0.4
250-499	0.0	0.0	0.0

	500-999	993.9	1.9	0.8
	1000 and Over	524.2	1.0	0.2
	Total	527.5	1.0	0.2
<b>3364</b>	<b>Aerospace Products</b>			
	<b>Employment Size</b>			
	Under 50	133.2	1.0	0.5
	50-99	Q	Q	0.4
	100-249	269.1	1.4	0.7
	250-499	187.1	1.0	0.5
	500-999	194.3	1.0	0.4
	1000 and Over	135.2	0.4	0.2
	Total	158.6	0.5	0.3
<b>336411</b>	<b>Aircraft</b>			
	<b>Employment Size</b>			
	Under 50	84.9	0.4	0.2
	50-99	Q	Q	Q
	100-249	97.9	Q	Q
	250-499	Q	0.6	0.3
	500-999	206.4	Q	0.5
	1000 and Over	104.4	0.2	0.1
	Total	120.5	0.3	0.2
<b>337</b>	<b>FURNITURE AND RELATED PRODUCTS</b>			
	<b>Employment Size</b>			
	Under 50	85.3	Q	0.6
	50-99	70.2	0.7	0.4
	100-249	137.7	1.6	0.8
	250-499	161.2	1.2	0.6
	500-999	143.9	0.8	0.5
	1000 and Over	97.3	0.8	0.4
	Total	108.6	0.9	0.5
<b>339</b>	<b>MISCELLANEOUS</b>			
	<b>Employment Size</b>			
	Under 50	160.2	1.3	0.8
	50-99	97.2	0.7	0.4
	100-249	121.8	0.8	0.5
	250-499	96.2	0.4	0.2
	500-999	119.6	Q	Q
	1000 and Over	81.3	0.2	0.2
	Total	115.7	0.6	0.3

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

(b) Value of Shipments and Receipts and Employment Size categories were supplied by the Bureau of the Census.

\* 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 6.4 Relative Standard Errors for Table 6.4;**

Unit: Percents.

NAICS Code(a)	Economic Characteristic(b)	Consumption per Employee (million Btu)	Consumption per Dollar of Value Added (thousand Btu)	Consumption per Dollar of Value of Shipments (thousand Btu)
<b>Total United States</b>				
<b>311 - 339</b>	<b>ALL MANUFACTURING INDUSTRIES</b>			
	<b>Employment Size</b>			
	Under 50	5.5	6.2	5.8
	50-99	5.7	6.6	6.2
	100-249	4.5	5.7	4.1
	250-499	6.3	4.9	3.7
	500-999	10.7	7.8	4.3
	1000 and Over	5.3	6.5	3.6
	Total	2.1	2.4	1.6
<b>311</b>	<b>FOOD</b>			
	<b>Employment Size</b>			
	Under 50	17.5	16.6	18.0
	50-99	12.5	16.5	15.6
	100-249	9.5	10.0	7.3
	250-499	8.4	9.2	7.7
	500-999	11.3	42.9	22.6
	1000 and Over	11.0	12.2	4.7
	Total	4.4	8.3	4.6
<b>3112</b>	<b>Grain and Oilseed Milling</b>			
	<b>Employment Size</b>			
	Under 50	12.3	14.4	15.6
	50-99	11.0	12.3	8.0
	100-249	11.7	4.6	6.5
	250-499	11.0	5.6	4.1
	500-999	13.8	1.6	0.9
	1000 and Over	0.0	0.0	0.0
	Total	4.6	3.4	4.0
<b>311221</b>	<b>Wet Corn Milling</b>			
	<b>Employment Size</b>			
	Under 50	0.0	0.0	0.0
	50-99	0.0	0.0	0.0
	100-249	0.0	0.0	0.0
	250-499	0.0	0.0	0.0
	500-999	0.0	0.0	0.0
	1000 and Over	X	X	X
	Total	0.0	0.0	0.0
<b>31131</b>	<b>Sugar</b>			
	<b>Employment Size</b>			
	Under 50	0.0	0.0	0.0
	50-99	0.0	0.0	0.0
	100-249	0.1	0.1	0.1
	250-499	0.0	0.0	0.0
	500-999	0.0	0.0	0.0
	1000 and Over	X	X	X

	Total	0.1	0.1	0.1
<b>3114</b>	<b>Fruit and Vegetable Preserving and Specialty Foods</b>			
	<b>Employment Size</b>			
	Under 50	23.4	27.5	25.5
	50-99	26.7	20.7	18.0
	100-249	15.1	35.7	28.0
	250-499	6.7	4.1	3.3
	500-999	4.9	4.3	2.9
	1000 and Over	5.4	1.0	0.9
	Total	4.5	8.1	6.9
<b>3115</b>	<b>Dairy Products</b>			
	<b>Employment Size</b>			
	Under 50	21.7	21.6	15.9
	50-99	12.0	12.3	8.3
	100-249	4.8	5.1	2.8
	250-499	7.8	13.9	10.4
	500-999	9.7	29.2	20.5
	1000 and Over	0.0	0.0	0.0
	Total	3.6	6.6	4.2
<b>3116</b>	<b>Animal Slaughtering and Processing</b>			
	<b>Employment Size</b>			
	Under 50	26.2	48.6	25.3
	50-99	23.7	25.9	20.9
	100-249	9.8	21.4	16.7
	250-499	6.1	11.4	16.4
	500-999	6.1	4.1	5.0
	1000 and Over	1.8	2.2	1.3
	Total	2.9	4.0	3.7
<b>312</b>	<b>BEVERAGE AND TOBACCO PRODUCTS</b>			
	<b>Employment Size</b>			
	Under 50	22.2	25.6	24.4
	50-99	14.5	13.1	11.9
	100-249	13.3	17.9	12.2
	250-499	12.9	12.9	11.6
	500-999	36.5	1.1	2.2
	1000 and Over	0.0	0.0	0.0
	Total	6.5	6.1	5.4
<b>3121</b>	<b>Beverages</b>			
	<b>Employment Size</b>			
	Under 50	22.4	26.1	24.9
	50-99	15.3	14.1	12.7
	100-249	14.1	21.6	13.7
	250-499	13.6	14.4	12.4
	500-999	43.7	1.4	2.5
	1000 and Over	0.0	0.0	0.0
	Total	7.1	9.0	6.9
<b>3122</b>	<b>Tobacco</b>			
	<b>Employment Size</b>			
	Under 50	0.0	0.0	0.0
	50-99	0.1	0.1	0.1
	100-249	0.0	0.0	0.0
	250-499	0.0	0.0	0.0
	500-999	0.0	0.0	0.0
	1000 and Over	0.0	0.0	0.0
	Total	0.1	0.1	0.1

<b>313</b>	<b>TEXTILE MILLS</b>			
	<b>Employment Size</b>			
	Under 50	78.4	81.1	81.4
	50-99	20.7	20.4	21.9
	100-249	14.8	17.3	13.7
	250-499	18.3	25.2	17.9
	500-999	37.6	42.3	42.2
	1000 and Over	32.5	21.7	12.1
	Total	15.9	16.9	16.2
<b>314</b>	<b>TEXTILE PRODUCT MILLS</b>			
	<b>Employment Size</b>			
	Under 50	42.9	42.8	38.9
	50-99	50.4	58.0	55.8
	100-249	47.9	45.2	39.8
	250-499	32.7	35.2	22.7
	500-999	22.5	57.1	28.7
	1000 and Over	12.0	13.5	11.8
	Total	16.7	17.9	15.0
<b>315</b>	<b>APPAREL</b>			
	<b>Employment Size</b>			
	Under 50	20.3	30.1	25.8
	50-99	37.2	36.3	48.1
	100-249	30.6	28.3	21.9
	250-499	30.8	22.1	45.1
	500-999	11.3	3.1	3.7
	1000 and Over	X	X	X
	Total	12.3	14.2	11.9
<b>316</b>	<b>LEATHER AND ALLIED PRODUCTS</b>			
	<b>Employment Size</b>			
	Under 50	21.0	20.7	169.6
	50-99	29.8	15.8	5.6
	100-249	7.1	6.8	3.3
	250-499	0.3	2.0	1.1
	500-999	19.2	107.7	32.0
	1000 and Over	X	X	X
	Total	9.1	13.5	21.5
<b>321</b>	<b>WOOD PRODUCTS</b>			
	<b>Employment Size</b>			
	Under 50	11.3	11.4	10.8
	50-99	45.8	44.8	46.5
	100-249	8.9	5.8	5.4
	250-499	13.2	10.1	9.6
	500-999	5.7	1.0	1.2
	1000 and Over	0.1	0.1	0.1
	Total	9.7	9.2	9.6
<b>321113</b>	<b>Sawmills</b>			
	<b>Employment Size</b>			
	Under 50	12.3	13.9	12.7
	50-99	4.6	4.7	4.3
	100-249	1.3	1.6	1.3
	250-499	0.0	0.0	0.0
	500-999	X	X	X
	1000 and Over	X	X	X
	Total	2.2	2.6	2.1

**3212 Veneer, Plywood, and Engineered Woods****Employment Size**

Under 50	11.8	15.0	11.4
50-99	19.6	21.9	13.6
100-249	5.3	5.7	4.2
250-499	0.7	0.2	0.4
500-999	0.0	0.0	0.1
1000 and Over	X	X	X
Total	3.9	3.9	2.6

**321219 Reconstituted Wood Products****Employment Size**

Under 50	11.0	40.4	11.1
50-99	11.2	6.4	9.6
100-249	7.4	8.8	5.9
250-499	0.0	0.0	0.0
500-999	X	X	X
1000 and Over	X	X	X
Total	5.9	7.1	4.6

**3219 Other Wood Products****Employment Size**

Under 50	18.6	19.0	18.2
50-99	72.3	71.3	73.6
100-249	15.0	13.3	13.1
250-499	13.8	11.6	8.3
500-999	8.0	1.0	1.2
1000 and Over	0.1	0.1	0.1
Total	38.4	37.9	38.5

**322 PAPER****Employment Size**

Under 50	25.8	34.0	29.2
50-99	21.1	20.2	22.9
100-249	13.0	12.4	10.4
250-499	16.4	10.9	11.0
500-999	7.6	6.2	6.2
1000 and Over	5.5	8.1	5.3
Total	5.5	4.4	4.4

**322110 Pulp Mills****Employment Size**

Under 50	0.0	0.0	0.0
50-99	0.0	0.0	0.0
100-249	0.0	0.0	0.0
250-499	0.0	0.0	0.0
500-999	0.0	0.0	0.0
1000 and Over	X	X	X
Total	0.0	0.0	0.0

**322121 Paper Mills, except Newsprint****Employment Size**

Under 50	0.1	0.1	0.1
50-99	0.0	0.0	0.0
100-249	0.0	0.0	0.0
250-499	0.0	0.0	0.0
500-999	0.0	0.0	0.0
1000 and Over	0.0	0.0	0.0
Total	0.1	0.1	0.1

**322122 Newsprint Mills**

<b>Employment Size</b>			
Under 50	X	X	X
50-99	X	X	X
100-249	0.0	0.0	0.0
250-499	0.0	0.0	0.0
500-999	0.0	0.0	0.0
1000 and Over	X	X	X
Total	0.0	0.0	0.0

**322130 Paperboard Mills**

<b>Employment Size</b>			
Under 50	0.0	0.0	0.0
50-99	0.0	0.0	0.0
100-249	0.0	0.0	0.0
250-499	0.0	0.0	0.0
500-999	0.0	0.0	0.0
1000 and Over	0.0	0.0	0.0
Total	0.0	0.0	0.0

**323 PRINTING AND RELATED SUPPORT**

<b>Employment Size</b>			
Under 50	57.1	66.0	63.1
50-99	21.3	29.2	24.3
100-249	21.6	32.6	29.4
250-499	20.4	22.8	18.7
500-999	17.3	18.0	16.6
1000 and Over	10.5	0.7	3.7
Total	18.1	21.9	20.5

**324 PETROLEUM AND COAL PRODUCTS**

<b>Employment Size</b>			
Under 50	8.9	8.4	6.2
50-99	9.3	4.2	2.9
100-249	19.0	10.7	2.9
250-499	0.1	0.1	0.1
500-999	0.0	0.0	0.0
1000 and Over	0.0	0.0	0.0
Total	2.8	0.9	0.2

**324110 Petroleum Refineries**

<b>Employment Size</b>			
Under 50	378.7	29.7	8.4
50-99	0.0	0.0	0.0
100-249	0.0	0.0	0.0
250-499	0.1	0.1	0.1
500-999	0.0	0.0	0.0
1000 and Over	0.0	0.0	0.0
Total	1.7	0.1	0.1

**324121 Asphalt Paving Mixture and Block**

<b>Employment Size</b>			
Under 50	6.3	8.7	6.9
50-99	20.6	15.2	11.3
100-249	3.8	3.0	0.9
250-499	0.0	0.0	0.0
500-999	X	X	X
1000 and Over	X	X	X
Total	7.1	7.7	6.2

**324122 Asphalt Shingle and Coating Materials**

<b>Employment Size</b>			
Under 50	4.5	45.4	24.0
50-99	1.0	1.1	0.9
100-249	0.0	0.0	0.0
250-499	X	X	X
500-999	X	X	X
1000 and Over	X	X	X
Total	1.0	7.3	4.9

**324199 Other Petroleum and Coal Products**

<b>Employment Size</b>			
Under 50	0.0	0.0	0.0
50-99	0.0	0.0	0.0
100-249	0.0	0.0	0.0
250-499	0.0	0.0	0.0
500-999	X	X	X
1000 and Over	X	X	X
Total	0.0	0.0	0.0

**325 CHEMICALS**

<b>Employment Size</b>			
Under 50	11.6	13.3	14.3
50-99	12.9	23.9	17.9
100-249	13.2	23.3	13.4
250-499	24.2	7.2	6.1
500-999	7.3	4.7	4.2
1000 and Over	14.1	12.0	10.5
Total	5.5	5.2	3.9

**325110 Petrochemicals**

<b>Employment Size</b>			
Under 50	15.6	0.4	0.8
50-99	0.0	0.0	0.0
100-249	0.0	0.0	0.0
250-499	0.0	0.0	0.0
500-999	0.0	0.0	0.0
1000 and Over	X	X	X
Total	0.4	0.1	0.1

**325120 Industrial Gases**

<b>Employment Size</b>			
Under 50	9.6	11.1	7.9
50-99	37.3	24.0	19.6
100-249	39.1	25.4	12.6
250-499	0.0	0.0	0.0
500-999	0.0	0.0	0.0
1000 and Over	X	X	X
Total	11.5	8.8	6.8

**325180 Other Basic Inorganic Chemicals**

<b>Employment Size</b>			
Under 50	23.8	13.7	14.6
50-99	15.9	17.3	14.0
100-249	14.9	12.5	13.6
250-499	13.7	11.5	7.1
500-999	49.9	53.0	35.9
1000 and Over	0.0	0.0	0.0
Total	10.7	7.6	6.0

**325193 Ethyl Alcohol**

<b>Employment Size</b>			
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Under 50	5.9	7.2	5.2
50-99	3.3	1.2	0.8
100-249	0.0	0.0	0.0
250-499	0.0	0.0	0.0
500-999	X	X	X
1000 and Over	X	X	X
Total	2.8	2.5	2.0

**325194 Cyclic Crudes, Intermediate and Gum and Wood Chemicals**

**Employment Size**

Under 50	0.0	0.0	0.0
50-99	0.0	0.0	0.0
100-249	0.0	0.0	0.0
250-499	0.0	0.0	0.0
500-999	0.0	0.0	0.0
1000 and Over	X	X	X
Total	0.0	0.0	0.0

**325199 Other Basic Organic Chemicals**

**Employment Size**

Under 50	40.3	31.4	31.7
50-99	26.1	16.0	14.1
100-249	6.6	11.5	11.3
250-499	4.6	16.4	4.4
500-999	15.9	9.2	5.5
1000 and Over	0.0	0.0	0.0
Total	6.5	5.9	5.3

**325211 Plastics Materials and Resins**

**Employment Size**

Under 50	16.0	18.9	14.0
50-99	23.2	22.1	19.6
100-249	4.5	4.0	1.2
250-499	13.0	3.5	2.6
500-999	0.0	0.0	0.0
1000 and Over	0.0	0.0	0.0
Total	4.6	3.3	2.4

**325212 Synthetic Rubber**

**Employment Size**

Under 50	0.0	0.0	0.0
50-99	0.0	0.0	0.0
100-249	0.0	0.0	0.0
250-499	0.0	0.0	0.0
500-999	X	X	X
1000 and Over	X	X	X
Total	0.0	0.0	0.0

**325220 Artificial and Synthetic Fibers and Filaments**

**Employment Size**

Under 50	0.0	0.0	0.0
50-99	0.0	0.0	0.0
100-249	0.0	0.0	0.0
250-499	0.0	0.0	0.0
500-999	0.0	0.0	0.0
1000 and Over	0.0	0.0	0.0
Total	0.0	0.0	0.0

**325311 Nitrogenous Fertilizers**

**Employment Size**

Under 50	38.2	25.1	60.6
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50-99	19.9	12.0	9.0
100-249	0.0	0.0	0.1
250-499	0.0	0.0	0.0
500-999	X	X	X
1000 and Over	X	X	X
Total	8.2	2.7	4.0

**325312 Phosphatic Fertilizers**

**Employment Size**

Under 50	0.0	0.0	0.0
50-99	0.0	0.0	0.0
100-249	0.0	0.0	0.0
250-499	0.0	0.0	0.0
500-999	0.0	0.0	0.0
1000 and Over	X	X	X
Total	0.0	0.0	0.0

**3254 Pharmaceuticals and Medicines**

**Employment Size**

Under 50	33.4	15.1	15.7
50-99	19.2	14.1	23.7
100-249	24.9	26.6	25.2
250-499	3.2	1.0	0.8
500-999	5.0	1.7	2.7
1000 and Over	2.1	0.2	0.1
Total	5.2	4.8	4.7

**325412 Pharmaceutical Preparation**

**Employment Size**

Under 50	32.9	28.1	27.8
50-99	15.2	15.3	14.9
100-249	14.0	11.4	24.2
250-499	3.5	1.3	1.2
500-999	6.6	1.8	3.6
1000 and Over	3.2	0.6	0.4
Total	3.0	1.5	2.1

**325992 Photographic Film, Paper, Plate, and Chemicals**

**Employment Size**

Under 50	67.8	65.2	42.3
50-99	17.7	1.5	4.1
100-249	0.0	0.0	0.0
250-499	0.0	0.0	0.0
500-999	0.0	0.0	0.0
1000 and Over	0.0	0.0	0.0
Total	3.6	2.2	1.3

**326 PLASTICS AND RUBBER PRODUCTS**

**Employment Size**

Under 50	38.2	38.9	39.6
50-99	15.4	16.6	13.3
100-249	13.7	13.1	11.9
250-499	16.1	24.5	17.6
500-999	24.4	12.3	13.5
1000 and Over	42.5	15.4	8.5
Total	8.2	8.3	7.5

**327 NONMETALLIC MINERAL PRODUCTS**

**Employment Size**

Under 50	10.2	10.3	10.4
50-99	18.3	13.8	15.9

100-249	28.4	12.9	11.7
250-499	20.9	23.6	18.2
500-999	17.7	2.5	7.2
1000 and Over	0.0	0.0	0.0
Total	8.4	6.3	5.5

**327120 Clay Building Material and Refractories**

**Employment Size**

Under 50	8.7	16.3	14.0
50-99	3.0	2.8	4.0
100-249	1.8	1.2	2.3
250-499	0.1	0.0	0.1
500-999	X	X	X
1000 and Over	X	X	X
Total	2.9	4.8	4.3

**327211 Flat Glass**

**Employment Size**

Under 50	0.0	0.0	0.0
50-99	0.0	0.0	0.0
100-249	0.0	0.0	0.0
250-499	0.0	0.0	0.0
500-999	X	X	X
1000 and Over	X	X	X
Total	0.0	0.0	0.0

**327212 Other Pressed and Blown Glass and Glassware**

**Employment Size**

Under 50	29.0	15.8	15.2
50-99	15.2	16.7	13.8
100-249	29.7	23.6	24.2
250-499	0.0	0.0	0.0
500-999	0.0	0.0	0.0
1000 and Over	0.0	0.0	0.0
Total	8.2	7.9	8.5

**327213 Glass Containers**

**Employment Size**

Under 50	0.0	0.0	0.0
50-99	0.0	0.0	0.0
100-249	0.0	0.0	0.0
250-499	0.0	0.0	0.0
500-999	0.0	0.0	0.0
1000 and Over	X	X	X
Total	0.0	0.0	0.0

**327215 Glass Products from Purchased Glass**

**Employment Size**

Under 50	13.0	10.4	9.4
50-99	22.0	28.5	27.2
100-249	6.9	3.6	4.0
250-499	3.6	2.0	2.7
500-999	0.0	0.0	0.0
1000 and Over	0.0	0.0	0.0
Total	5.4	6.2	6.0

**327310 Cements**

**Employment Size**

Under 50	121.9	90.1	52.3
50-99	4.2	4.1	2.7
100-249	0.2	0.8	0.4

250-499	0.0	0.0	0.0
500-999	X	X	X
1000 and Over	X	X	X
Total	5.9	4.7	5.2

**327410 Lime**

**Employment Size**

Under 50	0.0	0.0	0.0
50-99	0.0	0.0	0.0
100-249	0.0	0.0	0.0
250-499	X	X	X
500-999	0.0	0.0	0.0
1000 and Over	X	X	X
Total	0.0	0.0	0.0

**327420 Gypsum**

**Employment Size**

Under 50	34.0	42.1	42.7
50-99	17.1	18.7	16.9
100-249	0.0	0.0	0.0
250-499	0.0	0.0	0.0
500-999	X	X	X
1000 and Over	X	X	X
Total	7.8	8.3	8.2

**327993 Mineral Wool**

**Employment Size**

Under 50	23.5	36.0	40.2
50-99	30.2	32.0	26.7
100-249	0.0	0.0	0.0
250-499	0.0	0.0	0.0
500-999	0.0	0.0	0.0
1000 and Over	X	X	X
Total	3.5	3.6	6.2

**331 PRIMARY METALS**

**Employment Size**

Under 50	6.2	7.6	7.4
50-99	9.9	10.1	9.8
100-249	3.9	2.9	11.0
250-499	3.2	0.8	7.8
500-999	0.7	0.3	0.1
1000 and Over	0.0	0.0	0.0
Total	1.4	0.8	2.6

**331110 Iron and Steel Mills and Ferroalloys**

**Employment Size**

Under 50	0.1	0.1	0.1
50-99	12.0	10.8	3.5
100-249	0.0	0.0	0.0
250-499	0.0	0.0	0.0
500-999	0.0	0.0	0.0
1000 and Over	0.0	0.0	0.0
Total	0.2	0.1	0.4

**3312 Steel Products from Purchased Steel**

**Employment Size**

Under 50	19.3	19.6	17.5
50-99	37.5	39.8	40.4
100-249	7.4	10.6	7.7
250-499	2.3	3.0	3.9

500-999	4.2	2.2	1.2
1000 and Over	0.0	0.0	0.0
Total	9.8	10.4	10.5

**3313 Alumina and Aluminum**

**Employment Size**

Under 50	8.3	9.6	2.6
50-99	8.4	2.5	1.8
100-249	6.4	7.3	4.8
250-499	5.0	3.5	1.6
500-999	0.0	0.0	0.0
1000 and Over	0.0	0.0	0.0
Total	2.2	1.7	1.3

**331314 Secondary Smelting and Alloying of Aluminum**

**Employment Size**

Under 50	0.1	0.1	0.1
50-99	0.0	0.0	0.0
100-249	0.0	0.0	0.0
250-499	X	X	X
500-999	X	X	X
1000 and Over	X	X	X
Total	0.1	0.1	0.1

**331315 Aluminum Sheet, Plate and Foils**

**Employment Size**

Under 50	0.0	0.0	0.0
50-99	0.0	0.0	0.0
100-249	46.5	25.3	14.6
250-499	0.0	0.0	0.0
500-999	0.0	0.0	0.0
1000 and Over	0.0	0.0	0.0
Total	5.1	3.2	2.3

**331318 Other Aluminum Rolling, Drawing and Extruding**

**Employment Size**

Under 50	19.1	23.0	11.2
50-99	11.4	6.5	7.4
100-249	0.0	0.0	0.0
250-499	6.5	4.5	2.2
500-999	0.0	0.0	0.0
1000 and Over	X	X	X
Total	2.5	2.1	1.2

**3314 Nonferrous Metals, except Aluminum**

**Employment Size**

Under 50	22.8	29.2	25.8
50-99	18.0	17.5	14.8
100-249	7.2	5.2	31.4
250-499	26.6	5.8	54.4
500-999	5.5	0.1	0.9
1000 and Over	0.0	0.0	0.0
Total	5.7	3.8	12.9

**331410 Nonferrous Metal (except Aluminum) Smelting and Refining**

**Employment Size**

Under 50	0.0	0.0	0.0
50-99	0.0	0.0	0.0
100-249	45.5	24.5	3.2
250-499	0.0	0.0	0.0
500-999	0.0	0.0	0.0

	1000 and Over	X	X	X
	Total	10.8	3.8	1.6
<b>3315</b>	<b>Foundries</b>			
	<b>Employment Size</b>			
	Under 50	13.6	13.9	13.7
	50-99	13.6	15.3	15.5
	100-249	11.4	9.6	9.8
	250-499	0.0	0.1	0.1
	500-999	0.0	0.1	0.1
	1000 and Over	0.0	0.0	0.0
	Total	3.6	3.2	3.3
<b>331511</b>	<b>Iron Foundries</b>			
	<b>Employment Size</b>			
	Under 50	18.4	28.7	27.6
	50-99	11.5	12.1	12.0
	100-249	6.6	7.2	7.5
	250-499	0.1	0.1	0.1
	500-999	0.0	0.0	0.0
	1000 and Over	0.0	0.0	0.0
	Total	2.0	2.1	2.1
<b>331523</b>	<b>Nonferrous Metal Die-Casting Foundries</b>			
	<b>Employment Size</b>			
	Under 50	9.0	8.6	8.3
	50-99	7.4	4.0	4.2
	100-249	30.6	7.1	1.7
	250-499	0.0	0.0	0.0
	500-999	0.0	0.0	0.0
	1000 and Over	X	X	X
	Total	6.5	1.5	0.9
<b>331524</b>	<b>Aluminum Foundries, except Die-Casting</b>			
	<b>Employment Size</b>			
	Under 50	29.1	28.2	28.8
	50-99	1.7	1.6	1.6
	100-249	0.0	0.0	0.0
	250-499	0.0	0.0	0.0
	500-999	X	X	X
	1000 and Over	X	X	X
	Total	7.9	8.1	8.4
<b>332</b>	<b>FABRICATED METAL PRODUCTS</b>			
	<b>Employment Size</b>			
	Under 50	16.2	16.3	17.0
	50-99	28.2	28.5	26.7
	100-249	17.4	24.4	22.6
	250-499	31.1	29.1	29.6
	500-999	134.7	56.1	50.3
	1000 and Over	71.5	27.7	72.6
	Total	11.8	11.7	11.1
<b>333</b>	<b>MACHINERY</b>			
	<b>Employment Size</b>			
	Under 50	9.2	10.6	10.0
	50-99	16.7	18.9	17.3
	100-249	21.3	23.5	21.1
	250-499	19.1	27.3	21.0
	500-999	25.9	42.7	24.4
	1000 and Over	12.1	34.0	25.6

	Total	7.4	9.9	8.6
<b>334</b>	<b>COMPUTER AND ELECTRONIC PRODUCTS</b>			
	<b>Employment Size</b>			
	Under 50	17.4	22.4	36.8
	50-99	43.4	46.5	48.3
	100-249	21.0	21.5	18.4
	250-499	26.9	50.8	24.8
	500-999	26.7	24.4	22.1
	1000 and Over	8.9	12.3	12.1
	Total	7.9	10.0	8.8
<b>334413</b>	<b>Semiconductors and Related Devices</b>			
	<b>Employment Size</b>			
	Under 50	45.6	49.7	50.7
	50-99	23.9	19.9	19.5
	100-249	91.0	56.4	8.2
	250-499	2.4	0.7	0.6
	500-999	0.0	0.0	0.0
	1000 and Over	0.0	0.0	0.0
	Total	6.1	3.2	1.2
<b>335</b>	<b>ELEC. EQUIP., APPLIANCES, COMPONENTS</b>			
	<b>Employment Size</b>			
	Under 50	24.4	26.4	24.0
	50-99	32.0	32.1	33.3
	100-249	18.2	19.7	17.2
	250-499	29.9	37.6	39.6
	500-999	41.0	44.2	30.8
	1000 and Over	10.7	12.0	19.4
	Total	9.6	11.5	11.4
<b>336</b>	<b>TRANSPORTATION EQUIPMENT</b>			
	<b>Employment Size</b>			
	Under 50	50.3	48.1	47.0
	50-99	29.5	33.9	34.8
	100-249	17.9	15.6	25.6
	250-499	19.9	16.0	16.7
	500-999	14.5	25.5	14.9
	1000 and Over	10.0	13.6	5.4
	Total	6.6	10.1	5.5
<b>336111</b>	<b>Automobiles</b>			
	<b>Employment Size</b>			
	Under 50	X	X	X
	50-99	0.0	0.0	0.0
	100-249	0.0	0.0	0.0
	250-499	X	X	X
	500-999	0.0	0.0	0.0
	1000 and Over	0.0	0.0	0.0
	Total	0.0	0.0	0.0
<b>336112</b>	<b>Light Trucks and Utility Vehicles</b>			
	<b>Employment Size</b>			
	Under 50	0.0	0.0	0.0
	50-99	0.0	0.0	0.0
	100-249	0.0	0.0	0.0
	250-499	X	X	X
	500-999	0.0	0.0	0.0
	1000 and Over	0.0	0.0	0.0
	Total	0.0	0.0	0.0

<b>3364 Aerospace Products</b>				
<b>Employment Size</b>				
Under 50		26.0	26.0	24.9
50-99		52.2	51.0	49.6
100-249		23.6	23.6	23.0
250-499		17.2	19.1	17.2
500-999		18.7	43.4	22.5
1000 and Over		1.4	2.2	1.3
Total		4.4	7.1	5.0
<b>336411 Aircraft</b>				
<b>Employment Size</b>				
Under 50		33.8	44.0	47.8
50-99		92.5	745.1	818.1
100-249		9.8	182.8	194.2
250-499		64.8	37.2	34.6
500-999		46.3	73.6	47.2
1000 and Over		3.5	0.5	2.4
Total		11.3	18.4	14.9
<b>337 FURNITURE AND RELATED PRODUCTS</b>				
<b>Employment Size</b>				
Under 50		16.2	90.8	17.0
50-99		18.3	21.9	20.9
100-249		22.0	19.6	19.8
250-499		21.2	41.2	37.7
500-999		31.6	45.8	42.8
1000 and Over		26.1	26.4	27.8
Total		8.7	17.4	10.3
<b>339 MISCELLANEOUS</b>				
<b>Employment Size</b>				
Under 50		43.3	42.2	42.5
50-99		27.4	34.9	33.1
100-249		22.4	22.0	19.0
250-499		33.6	38.4	41.9
500-999		34.1	77.8	50.4
1000 and Over		25.5	18.2	20.0
Total		16.5	18.9	18.7

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

(b) Value of Shipments and Receipts and Employment Size categories were supplied by the Bureau of the Census.

\* 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.'