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 Next MECS will be fielded in 2019

Table 6.3 Consumption Ratios of Fuel, 2014;

Level: National Data;
 Row: Values of Shipments 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)
Total United States				
311 - 339	ALL MANUFACTURING INDUSTRIES			
	Value of Shipments and Receipts (million dollars)			
	Under 20	300.1	2.8	1.6
	20-49	435.3	3.2	1.6
	50-99	845.3	4.8	2.2
	100-249	990.5	4.7	2.0
	250-499	2,129.7	7.4	3.2
	500 and Over	4,229.5	9.0	3.0
	Total	1,340.7	6.2	2.5
311	FOOD			
	Value of Shipments and Receipts (million dollars)			
	Under 20	393.4	4.4	1.8
	20-49	799.4	5.2	1.7
	50-99	931.4	5.2	1.8
	100-249	647.3	3.5	1.2
	250-499	1,195.4	5.2	1.7
	500 and Over	1,074.8	3.3	1.0
	Total	834.1	4.1	1.4
3112	Grain and Oilseed Milling			
	Value of Shipments and Receipts (million dollars)			
	Under 20	946.8	Q	2.0
	20-49	1,313.1	5.7	1.6
	50-99	1,910.8	7.2	2.3
	100-249	3,291.4	11.7	2.8
	250-499	5,522.2	12.1	2.2
	500 and Over	11,897.8	13.4	3.3
	Total	5,171.9	11.8	2.7
311221	Wet Corn Milling			
	Value of Shipments and Receipts (million dollars)			
	Under 20	2,515.2	9.5	4.8
	20-49	2,541.0	6.9	3.0
	50-99	4,425.3	4.8	2.8
	100-249	22,751.4	52.8	18.0
	250-499	13,056.6	34.4	9.4
	500 and Over	27,756.3	32.1	11.9
	Total	21,055.0	33.6	12.0
31131	Sugar			

Value of Shipments and Receipts**(million dollars)**

Under 20	3,747.6	28.5	17.7
20-49	2,632.8	17.8	5.6
50-99	7,847.0	60.0	18.6
100-249	7,304.9	35.5	13.6
250-499	15,771.3	53.7	22.1
500 and Over	0.0	0.0	0.0
Total	9,029.8	46.2	17.4

3114 Fruit and Vegetable Preserving and Specialty Foods**Value of Shipments and Receipts****(million dollars)**

Under 20	556.2	5.8	2.5
20-49	880.8	6.1	2.7
50-99	820.7	4.7	2.2
100-249	936.0	4.5	1.9
250-499	1,374.4	6.8	2.8
500 and Over	1,093.4	1.5	0.9
Total	963.5	4.4	2.0

3115 Dairy Products**Value of Shipments and Receipts****(million dollars)**

Under 20	645.6	6.2	1.9
20-49	572.0	3.2	1.0
50-99	617.2	3.8	0.9
100-249	897.5	4.1	1.0
250-499	1,041.4	3.5	0.9
500 and Over	1,062.1	2.2	0.6
Total	880.6	3.3	0.8

3116 Animal Slaughtering and Processing**Value of Shipments and Receipts****(million dollars)**

Under 20	749.7	8.7	3.4
20-49	742.5	5.0	2.7
50-99	907.7	6.8	2.3
100-249	428.9	3.0	1.1
250-499	308.1	2.2	0.7
500 and Over	394.8	3.5	0.6
Total	444.8	3.4	0.9

312 BEVERAGE AND TOBACCO PRODUCTS**Value of Shipments and Receipts****(million dollars)**

Under 20	236.6	1.7	1.1
20-49	785.4	3.8	1.9
50-99	531.6	2.0	1.0
100-249	530.1	1.9	0.7
250-499	482.4	0.7	0.3
500 and Over	1,287.0	0.7	0.5
Total	602.9	1.1	0.6

3121 Beverages**Value of Shipments and Receipts****(million dollars)**

Under 20	237.3	1.7	1.1
20-49	676.9	3.2	1.7
50-99	536.9	2.1	1.1
100-249	504.7	1.8	0.7
250-499	482.1	0.7	0.3

500 and Over	1,566.6	1.6	0.9
Total	591.7	1.5	0.7

3122 Tobacco

**Value of Shipments and Receipts
(million dollars)**

Under 20	186.4	1.0	0.6
20-49	2,388.6	12.4	6.0
50-99	395.7	1.0	0.5
100-249	858.7	4.0	1.5
250-499	497.2	0.4	0.3
500 and Over	578.7	0.1	0.1
Total	734.6	0.3	0.2

313 TEXTILE MILLS

**Value of Shipments and Receipts
(million dollars)**

Under 20	Q	Q	Q
20-49	469.6	5.0	2.1
50-99	793.6	6.5	2.3
100-249	1,268.3	9.1	3.2
250-499	669.4	2.3	1.1
500 and Over	3,085.7	17.8	6.2
Total	893.8	7.3	2.9

314 TEXTILE PRODUCT MILLS

**Value of Shipments and Receipts
(million dollars)**

Under 20	115.0	1.7	0.9
20-49	Q	Q	0.5
50-99	Q	Q	Q
100-249	443.4	3.5	1.4
250-499	479.6	Q	1.2
500 and Over	1,303.9	5.1	1.4
Total	230.8	2.4	1.0

315 APPAREL

**Value of Shipments and Receipts
(million dollars)**

Under 20	58.2	1.1	0.7
20-49	84.0	0.9	0.5
50-99	177.5	1.8	Q
100-249	118.3	1.3	0.8
250-499	0.0	0.0	0.0
500 and Over	0.0	0.0	0.0
Total	72.2	1.1	0.6

316 LEATHER AND ALLIED PRODUCTS

**Value of Shipments and Receipts
(million dollars)**

Under 20	125.1	2.0	1.1
20-49	98.2	1.1	0.6
50-99	89.6	1.2	0.3
100-249	Q	Q	Q
250-499	0.0	0.0	0.0
500 and Over	0.0	0.0	0.0
Total	116.3	1.3	0.4

321 WOOD PRODUCTS

**Value of Shipments and Receipts
(million dollars)**

Under 20	739.5	8.6	4.0
20-49	952.0	7.9	3.2
50-99	2,456.9	13.6	5.8
100-249	2,184.4	12.5	4.9
250-499	216.4	1.7	0.8
500 and Over	313.7	1.2	0.6
Total	1,161.5	9.9	4.3

321113 Sawmills

**Value of Shipments and Receipts
(million dollars)**

Under 20	677.1	5.8	2.7
20-49	1,841.7	12.3	5.3
50-99	3,572.5	16.7	7.5
100-249	3,389.6	15.2	6.2
250-499	0.0	0.0	0.0
500 and Over	0.0	0.0	0.0
Total	1,958.4	12.3	5.5

3212 Veneer, Plywood, and Engineered Woods

**Value of Shipments and Receipts
(million dollars)**

Under 20	1,998.2	24.2	11.1
20-49	1,338.3	11.9	4.8
50-99	4,461.5	24.3	9.9
100-249	3,444.0	19.5	7.0
250-499	0.0	0.0	0.0
500 and Over	0.0	0.0	0.0
Total	2,745.8	20.9	8.4

321219 Reconstituted Wood Products

**Value of Shipments and Receipts
(million dollars)**

Under 20	11,914.8	275.8	54.0
20-49	2,811.2	18.0	7.6
50-99	6,724.0	30.2	12.3
100-249	7,376.0	24.8	9.3
250-499	0.0	0.0	0.0
500 and Over	0.0	0.0	0.0
Total	6,660.0	34.2	13.3

3219 Other Wood Products

**Value of Shipments and Receipts
(million dollars)**

Under 20	Q	6.7	Q
20-49	253.2	2.4	1.0
50-99	203.7	1.4	0.6
100-249	730.8	5.2	2.2
250-499	157.9	1.6	0.8
500 and Over	313.7	1.2	0.6
Total	462.6	4.7	2.1

322 PAPER

**Value of Shipments and Receipts
(million dollars)**

Under 20	337.6	3.4	1.3
20-49	670.9	4.1	1.6
50-99	1,426.5	8.0	2.7
100-249	3,400.2	15.7	6.7
250-499	18,354.2	41.8	23.1
500 and Over	19,139.3	36.7	20.8
Total	6,389.3	24.8	11.4

322110	Pulp Mills			
	Value of Shipments and Receipts (million dollars)			
	Under 20	81.2	0.4	0.3
	20-49	3,501.5	12.9	4.4
	50-99	8,954.9	62.2	10.8
	100-249	35,258.9	132.1	52.9
	250-499	45,450.5	117.9	62.4
	500 and Over	37,669.5	67.2	37.7
	Total	39,257.7	111.2	53.1
322121	Paper Mills, except Newsprint			
	Value of Shipments and Receipts (million dollars)			
	Under 20	1,414.4	10.2	5.1
	20-49	4,179.8	23.2	9.9
	50-99	6,999.1	44.4	16.2
	100-249	5,782.2	26.7	11.2
	250-499	15,302.7	37.5	20.3
	500 and Over	16,926.7	34.9	19.0
	Total	13,178.9	34.7	18.0
322122	Newsprint Mills			
	Value of Shipments and Receipts (million dollars)			
	Under 20	0.0	0.0	0.0
	20-49	0.0	0.0	0.0
	50-99	12,607.6	83.3	36.3
	100-249	15,832.6	51.9	20.5
	250-499	22,363.5	39.8	26.3
	500 and Over	25,654.5	46.6	20.7
	Total	19,551.9	46.3	24.1
322130	Paperboard Mills			
	Value of Shipments and Receipts (million dollars)			
	Under 20	18,523.0	150.5	64.2
	20-49	6,697.1	24.8	13.8
	50-99	6,927.6	27.2	13.7
	100-249	17,516.3	34.2	19.7
	250-499	30,309.3	55.1	31.8
	500 and Over	32,174.7	55.9	32.1
	Total	25,688.7	50.9	29.0
323	PRINTING AND RELATED SUPPORT			
	Value of Shipments and Receipts (million dollars)			
	Under 20	185.1	1.8	1.2
	20-49	220.2	1.5	0.9
	50-99	304.1	1.1	0.7
	100-249	368.6	Q	1.2
	250-499	710.3	4.6	2.5
	500 and Over	1,106.7	1.6	1.2
	Total	235.3	1.6	1.0
324	PETROLEUM AND COAL PRODUCTS			
	Value of Shipments and Receipts (million dollars)			
	Under 20	3,978.5	20.7	5.3
	20-49	2,069.7	6.9	2.5

50-99	5,351.9	13.8	6.1
100-249	2,771.9	4.8	1.6
250-499	10,955.1	11.5	4.8
500 and Over	53,097.2	44.7	4.5
Total	34,738.3	39.3	4.4

324110 Petroleum Refineries

**Value of Shipments and Receipts
(million dollars)**

	Q	Q	Q
Under 20			
20-49	0.0	0.0	0.0
50-99	47,264.5	96.3	59.9
100-249	13,709.0	32.7	1.9
250-499	9,814.7	11.0	3.1
500 and Over	54,253.5	46.0	4.5
Total	52,785.3	45.8	4.5

324121 Asphalt Paving Mixture and Block

**Value of Shipments and Receipts
(million dollars)**

Under 20	4,239.5	18.8	4.9
20-49	3,092.7	7.9	3.0
50-99	2,879.5	8.2	2.5
100-249	7,057.7	4.4	2.0
250-499	0.0	0.0	0.0
500 and Over	0.0	0.0	0.0
Total	3,802.5	12.8	3.9

324122 Asphalt Shingle and Coating Materials

**Value of Shipments and Receipts
(million dollars)**

Under 20	2,443.3	17.3	4.5
20-49	1,983.7	6.9	2.2
50-99	1,388.5	4.0	1.4
100-249	1,634.3	2.6	1.1
250-499	1,710.3	2.3	1.2
500 and Over	0.0	0.0	0.0
Total	1,710.8	3.7	1.5

324199 Other Petroleum and Coal Products

**Value of Shipments and Receipts
(million dollars)**

Under 20	36,314.4	146.2	58.5
20-49	2,298.1	6.5	2.4
50-99	99,939.0	114.6	70.3
100-249	7,481.9	15.5	4.5
250-499	20,011.9	37.8	11.2
500 and Over	160.3	0.6	*
Total	20,704.0	41.9	11.8

325 CHEMICALS

**Value of Shipments and Receipts
(million dollars)**

Under 20	1,021.9	6.0	3.2
20-49	994.9	4.0	2.0
50-99	1,878.1	7.3	3.4
100-249	3,855.1	7.8	3.8
250-499	7,671.3	13.3	6.2
500 and Over	11,607.4	9.5	4.9
Total	4,958.6	8.9	4.4

325110 Petrochemicals

Value of Shipments and Receipts			
(million dollars)			
Under 20	186.0	Q	Q
20-49	0.0	0.0	0.0
50-99	13,444.7	27.9	4.6
100-249	31,732.8	1.9	6.3
250-499	15,547.6	13.6	6.5
500 and Over	64,395.0	19.4	7.2
Total	59,075.4	18.8	7.2

325120 Industrial Gases

Value of Shipments and Receipts			
(million dollars)			
Under 20	9,035.8	32.5	20.7
20-49	7,902.4	21.0	12.3
50-99	Q	25.8	16.7
100-249	3,891.4	8.7	4.4
250-499	50,834.9	46.1	15.1
500 and Over	0.0	0.0	0.0
Total	11,259.5	25.5	13.5

325180 Other Basic Inorganic Chemicals

Value of Shipments and Receipts			
(million dollars)			
Under 20	916.2	4.2	2.3
20-49	3,243.0	8.5	5.4
50-99	4,085.0	11.6	6.9
100-249	8,623.0	23.4	13.3
250-499	19,970.6	30.2	15.5
500 and Over	16,106.5	31.1	21.3
Total	8,862.0	21.3	12.3

325193 Ethyl Alcohol

Value of Shipments and Receipts			
(million dollars)			
Under 20	23,234.1	99.0	53.5
20-49	8,741.0	61.3	8.8
50-99	34,178.9	129.8	15.5
100-249	38,199.7	46.0	11.0
250-499	46,542.4	42.4	11.1
500 and Over	71,193.6	31.3	11.8
Total	44,143.1	42.5	11.5

325194 Cyclic Crudes, Intermediate and Gum and Wood Chemicals

Value of Shipments and Receipts			
(million dollars)			
Under 20	1,648.6	12.6	4.8
20-49	1,478.5	2.1	0.6
50-99	3,552.6	8.6	4.4
100-249	8,597.5	19.2	9.1
250-499	3,992.5	3.9	2.2
500 and Over	13,478.3	14.7	3.6
Total	5,764.9	12.2	4.3

325199 Other Basic Organic Chemicals

Value of Shipments and Receipts			
(million dollars)			
Under 20	Q	8.7	4.7
20-49	2,814.6	9.0	4.8
50-99	13,588.8	37.8	15.2
100-249	10,617.4	30.3	10.5

250-499	7,764.7	13.3	5.7
500 and Over	16,867.4	24.6	8.8
Total	11,892.9	23.3	8.8

325211 Plastics Materials and Resins

**Value of Shipments and Receipts
(million dollars)**

Under 20	416.9	3.5	1.7
20-49	979.6	3.7	1.5
50-99	3,431.8	11.6	3.2
100-249	2,688.8	5.6	2.0
250-499	6,108.8	8.0	2.5
500 and Over	22,198.0	28.0	8.1
Total	8,753.7	19.2	5.9

325212 Synthetic Rubber

**Value of Shipments and Receipts
(million dollars)**

Under 20	204.0	1.9	0.8
20-49	678.0	3.2	1.4
50-99	2,431.0	7.3	2.7
100-249	2,525.9	5.5	1.9
250-499	7,744.5	16.9	5.0
500 and Over	18,921.9	60.1	9.0
Total	4,709.0	14.3	4.3

325220 Artificial and Synthetic Fibers and Filaments

**Value of Shipments and Receipts
(million dollars)**

Under 20	547.3	5.9	2.0
20-49	992.1	7.7	2.4
50-99	1,905.4	8.4	3.7
100-249	1,779.8	11.0	3.8
250-499	1,991.2	6.9	2.6
500 and Over	8,382.6	14.5	6.7
Total	2,703.5	10.5	4.2

325311 Nitrogenous Fertilizers

**Value of Shipments and Receipts
(million dollars)**

Under 20	6,765.2	14.7	Q
20-49	1,324.6	5.7	2.3
50-99	6,208.2	Q	4.8
100-249	44,531.4	46.4	26.4
250-499	45,193.3	38.2	25.6
500 and Over	95,033.3	31.3	22.1
Total	35,930.2	32.1	20.3

325312 Phosphatic Fertilizers

**Value of Shipments and Receipts
(million dollars)**

Under 20	1,086.0	5.6	1.6
20-49	556.0	1.1	0.4
50-99	280.8	0.4	0.3
100-249	1,086.5	5.0	1.2
250-499	5,409.9	17.6	4.7
500 and Over	9,951.6	7.5	3.0
Total	7,028.9	8.1	3.0

3254 Pharmaceuticals and Medicines

Value of Shipments and Receipts

(million dollars)			
Under 20	365.0	2.2	1.5
20-49	238.4	1.3	0.8
50-99	459.9	2.7	1.4
100-249	494.4	1.9	1.2
250-499	480.9	1.3	0.9
500 and Over	512.0	0.3	0.3
Total	453.9	0.7	0.5

325412 Pharmaceutical Preparation

**Value of Shipments and Receipts
(million dollars)**

Under 20	488.6	2.8	1.8
20-49	309.9	1.6	1.0
50-99	208.6	0.9	0.5
100-249	512.6	2.0	1.3
250-499	340.5	0.8	0.6
500 and Over	406.9	0.2	0.2
Total	403.4	0.5	0.3

325992 Photographic Film, Paper, Plate, and Chemicals

**Value of Shipments and Receipts
(million dollars)**

Under 20	286.0	2.9	1.2
20-49	334.4	1.3	0.8
50-99	1,001.5	2.1	1.3
100-249	549.3	2.0	1.1
250-499	1,551.0	2.9	1.6
500 and Over	1,133.5	2.3	1.2
Total	912.3	2.4	1.3

326 PLASTICS AND RUBBER PRODUCTS

**Value of Shipments and Receipts
(million dollars)**

Under 20	316.0	3.1	1.6
20-49	312.9	2.5	1.2
50-99	322.6	2.4	1.0
100-249	420.6	2.5	1.3
250-499	783.1	4.8	2.0
500 and Over	886.9	3.9	1.8
Total	374.8	2.8	1.3

327 NONMETALLIC MINERAL PRODUCTS

**Value of Shipments and Receipts
(million dollars)**

Under 20	549.2	4.8	2.7
20-49	2,639.9	16.1	8.8
50-99	4,720.9	25.4	13.4
100-249	4,430.8	15.5	9.5
250-499	3,618.9	Q	Q
500 and Over	128.0	0.6	0.4
Total	2,173.9	12.6	7.3

327120 Clay Building Material and Refractories

**Value of Shipments and Receipts
(million dollars)**

Under 20	2,232.3	18.0	12.5
20-49	1,674.2	9.9	6.4
50-99	1,329.6	5.3	3.5
100-249	3,826.9	9.1	6.0
250-499	0.0	0.0	0.0
500 and Over	0.0	0.0	0.0

	Total	2,020.4	12.4	8.3
327211	Flat Glass			
	Value of Shipments and Receipts (million dollars)			
	Under 20	236.3	2.4	1.2
	20-49	15,471.9	145.6	59.6
	50-99	5,650.4	36.4	18.5
	100-249	6,946.5	27.6	15.5
	250-499	0.0	0.0	0.0
	500 and Over	0.0	0.0	0.0
	Total	7,304.3	36.5	19.5
327212	Other Pressed and Blown Glass and Glassware			
	Value of Shipments and Receipts (million dollars)			
	Under 20	1,326.5	12.9	7.5
	20-49	1,532.4	Q	Q
	50-99	5,205.5	22.2	11.8
	100-249	2,759.8	13.4	9.0
	250-499	0.0	0.0	0.0
	500 and Over	0.0	0.0	0.0
	Total	2,358.5	13.7	8.5
327213	Glass Containers			
	Value of Shipments and Receipts (million dollars)			
	Under 20	950.3	7.9	5.6
	20-49	2,543.7	22.5	15.9
	50-99	4,686.4	19.4	12.4
	100-249	4,487.4	16.3	10.9
	250-499	3,344.4	14.9	9.5
	500 and Over	0.0	0.0	0.0
	Total	4,295.6	17.2	11.4
327215	Glass Products from Purchased Glass			
	Value of Shipments and Receipts (million dollars)			
	Under 20	449.4	4.1	2.4
	20-49	487.5	3.9	1.9
	50-99	618.4	4.5	2.2
	100-249	484.8	3.1	1.5
	250-499	1,082.9	3.6	2.7
	500 and Over	128.0	0.6	0.4
	Total	475.3	3.3	1.8
327310	Cements			
	Value of Shipments and Receipts (million dollars)			
	Under 20	Q	Q	Q
	20-49	21,331.5	139.7	54.2
	50-99	27,081.3	87.8	46.4
	100-249	29,208.4	61.5	34.8
	250-499	0.0	0.0	0.0
	500 and Over	0.0	0.0	0.0
	Total	24,201.5	82.9	41.2
327410	Lime			
	Value of Shipments and Receipts (million dollars)			
	Under 20	7,581.6	21.1	10.9

20-49	26,872.1	103.2	55.1
50-99	29,570.8	77.5	48.3
100-249	28,610.0	72.3	40.8
250-499	23,329.2	68.3	52.5
500 and Over	0.0	0.0	0.0
Total	25,898.2	79.7	47.1

327420 Gypsum

**Value of Shipments and Receipts
(million dollars)**

Under 20	1,705.6	13.2	6.1
20-49	3,833.3	16.4	7.0
50-99	6,480.6	18.7	9.7
100-249	10,088.2	22.9	12.6
250-499	0.0	0.0	0.0
500 and Over	0.0	0.0	0.0
Total	6,067.3	19.1	9.7

327993 Mineral Wool

**Value of Shipments and Receipts
(million dollars)**

Under 20	893.4	6.0	2.7
20-49	2,916.0	14.8	8.1
50-99	2,562.3	10.9	5.5
100-249	3,066.2	11.1	6.6
250-499	2,633.0	9.7	6.3
500 and Over	0.0	0.0	0.0
Total	2,519.9	10.6	5.9

331 PRIMARY METALS

**Value of Shipments and Receipts
(million dollars)**

Under 20	852.0	8.4	4.4
20-49	795.0	5.7	2.4
50-99	2,058.0	12.1	4.7
100-249	2,165.4	10.7	3.7
250-499	3,832.9	12.2	4.2
500 and Over	11,302.4	30.1	8.4
Total	4,430.1	19.1	6.3

331110 Iron and Steel Mills and Ferroalloys

**Value of Shipments and Receipts
(million dollars)**

Under 20	4,319.8	39.2	16.3
20-49	1,441.4	8.9	2.8
50-99	10,609.2	60.1	18.0
100-249	6,395.2	22.7	7.5
250-499	4,307.4	12.2	4.2
500 and Over	15,035.5	36.5	11.5
Total	11,853.1	32.6	10.4

3312 Steel Products from Purchased Steel

**Value of Shipments and Receipts
(million dollars)**

Under 20	Q	Q	Q
20-49	1,104.1	8.2	2.7
50-99	681.0	3.2	1.1
100-249	1,050.4	5.7	1.8
250-499	1,961.9	6.7	2.0
500 and Over	2,467.6	7.3	2.8
Total	1,312.5	6.7	2.3

3313 Alumina and Aluminum			
Value of Shipments and Receipts (million dollars)			
Under 20	910.2	8.3	3.9
20-49	881.7	6.9	2.4
50-99	1,176.3	6.9	2.5
100-249	1,673.7	9.9	2.4
250-499	11,668.0	36.8	9.7
500 and Over	8,113.2	25.0	7.8
Total	4,397.3	19.6	6.0
331314 Secondary Smelting and Alloying of Aluminum			
Value of Shipments and Receipts (million dollars)			
Under 20	2,336.8	20.3	6.7
20-49	1,434.8	10.4	2.7
50-99	5,301.1	17.3	5.6
100-249	4,639.8	14.6	2.8
250-499	5,147.6	27.0	2.4
500 and Over	13,144.4	-127.4	1.9
Total	3,832.2	17.9	3.2
331315 Aluminum Sheet, Plate and Foils			
Value of Shipments and Receipts (million dollars)			
Under 20	582.5	6.9	2.6
20-49	0.0	0.0	0.0
50-99	1,386.8	Q	Q
100-249	1,207.0	5.6	1.8
250-499	5,410.1	11.5	2.9
500 and Over	3,976.8	12.6	3.7
Total	3,315.1	11.5	3.4
331318 Other Aluminum Rolling, Drawing and Extruding			
Value of Shipments and Receipts (million dollars)			
Under 20	441.9	4.0	2.3
20-49	576.7	5.0	1.8
50-99	585.7	4.0	1.5
100-249	997.5	8.5	2.1
250-499	616.5	2.0	1.1
500 and Over	2,030.2	5.1	2.2
Total	793.9	5.1	1.9
3314 Nonferrous Metals, except Aluminum			
Value of Shipments and Receipts (million dollars)			
Under 20	867.0	6.6	2.5
20-49	486.4	2.3	1.0
50-99	1,774.5	7.4	2.6
100-249	2,477.9	11.0	3.1
250-499	2,195.6	6.6	2.1
500 and Over	2,005.9	7.5	0.7
Total	1,788.9	7.5	1.6
331410 Nonferrous Metal (except Aluminum) Smelting and Refining			
Value of Shipments and Receipts (million dollars)			
Under 20	748.7	4.8	2.4
20-49	449.2	2.3	1.1
50-99	6,427.4	19.0	8.5

100-249	9,902.8	33.2	15.4
250-499	8,947.4	15.4	13.4
500 and Over	9,750.6	10.7	3.4
Total	6,670.7	17.4	7.2

3315 Foundries

**Value of Shipments and Receipts
(million dollars)**

Under 20	592.9	6.3	3.9
20-49	667.7	5.8	3.2
50-99	942.0	7.1	3.6
100-249	1,220.9	6.6	3.4
250-499	1,624.5	6.8	4.0
500 and Over	1,847.2	5.3	3.1
Total	908.0	6.4	3.5

331511 Iron Foundries

**Value of Shipments and Receipts
(million dollars)**

Under 20	858.6	7.6	4.4
20-49	785.9	6.4	3.6
50-99	1,454.5	9.7	5.0
100-249	1,741.5	7.9	4.4
250-499	1,749.8	7.5	4.3
500 and Over	3,031.4	11.7	5.7
Total	1,458.8	8.2	4.5

331523 Nonferrous Metal Die-Casting Foundries

**Value of Shipments and Receipts
(million dollars)**

Under 20	390.6	4.9	2.8
20-49	701.0	6.5	3.1
50-99	802.5	6.3	3.3
100-249	972.4	6.2	3.2
250-499	1,281.8	5.1	3.0
500 and Over	0.0	0.0	0.0
Total	738.7	5.9	3.1

331524 Aluminum Foundries, except Die-Casting

**Value of Shipments and Receipts
(million dollars)**

Under 20	548.2	6.2	3.9
20-49	581.0	5.3	3.3
50-99	785.7	6.5	3.5
100-249	1,321.1	5.4	2.4
250-499	0.0	0.0	0.0
500 and Over	0.0	0.0	0.0
Total	662.2	5.8	3.3

332 FABRICATED METAL PRODUCTS

**Value of Shipments and Receipts
(million dollars)**

Under 20	193.4	1.8	1.1
20-49	175.4	1.6	0.9
50-99	239.8	1.3	0.7
100-249	406.3	1.9	0.9
250-499	Q	Q	Q
500 and Over	Q	Q	Q
Total	231.8	1.6	0.9

333 MACHINERY

Value of Shipments and Receipts**(million dollars)**

Under 20	110.8	0.9	0.5
20-49	137.4	1.0	0.5
50-99	123.3	0.8	0.4
100-249	140.2	1.0	0.4
250-499	278.9	0.9	0.5
500 and Over	356.8	0.6	0.3
Total	155.7	0.9	0.4

334 COMPUTER AND ELECTRONIC PRODUCTS**Value of Shipments and Receipts****(million dollars)**

Under 20	107.9	1.0	0.6
20-49	80.8	0.5	0.3
50-99	175.0	1.1	0.5
100-249	181.0	1.1	0.5
250-499	323.6	Q	0.9
500 and Over	259.1	1.0	0.5
Total	183.2	1.1	0.5

334413 Semiconductors and Related Devices**Value of Shipments and Receipts****(million dollars)**

Under 20	Q	Q	1.2
20-49	445.3	2.4	1.7
50-99	672.0	4.5	2.3
100-249	668.3	3.9	2.3
250-499	1,489.3	7.3	3.0
500 and Over	546.2	1.7	1.0
Total	593.0	2.4	1.4

335 ELEC. EQUIP., APPLIANCES, COMPONENTS**Value of Shipments and Receipts****(million dollars)**

Under 20	103.6	0.8	0.4
20-49	213.5	1.6	0.9
50-99	211.4	1.3	0.6
100-249	324.7	1.2	0.6
250-499	403.4	1.3	0.6
500 and Over	310.3	1.5	0.8
Total	245.1	1.3	0.6

336 TRANSPORTATION EQUIPMENT**Value of Shipments and Receipts****(million dollars)**

Under 20	149.3	1.5	0.8
20-49	223.8	2.0	0.8
50-99	333.5	2.5	1.0
100-249	201.5	1.4	0.5
250-499	231.3	1.2	0.5
500 and Over	233.4	0.7	0.3
Total	231.9	0.9	0.4

336111 Automobiles**Value of Shipments and Receipts****(million dollars)**

Under 20	453.9	4.6	4.0
20-49	32.1	0.4	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 and Over	488.6	1.3	0.3
	Total	487.4	1.3	0.3
336112	Light Trucks and Utility Vehicles			
	Value of Shipments and Receipts (million dollars)			
	Under 20	1,703.8	9.3	1.8
	20-49	51.1	0.5	0.1
	50-99	575.2	2.9	1.0
	100-249	0.0	0.0	0.0
	250-499	0.0	0.0	0.0
	500 and Over	529.5	1.0	0.2
	Total	527.5	1.0	0.2
3364	Aerospace Products			
	Value of Shipments and Receipts (million dollars)			
	Under 20	149.3	1.1	0.7
	20-49	102.6	0.9	0.4
	50-99	348.8	2.3	1.2
	100-249	163.1	0.7	0.4
	250-499	195.5	1.3	0.5
	500 and Over	130.7	0.3	0.2
	Total	158.6	0.5	0.3
336411	Aircraft			
	Value of Shipments and Receipts (million dollars)			
	Under 20	90.3	0.5	0.2
	20-49	135.5	1.3	0.6
	50-99	358.2	2.0	1.2
	100-249	76.7	0.5	0.2
	250-499	213.5	Q	0.4
	500 and Over	103.9	0.2	0.1
	Total	120.5	0.3	0.2
337	FURNITURE AND RELATED PRODUCTS			
	Value of Shipments and Receipts (million dollars)			
	Under 20	84.4	0.8	0.6
	20-49	128.1	1.1	0.5
	50-99	193.3	2.0	0.9
	100-249	80.0	0.6	0.3
	250-499	153.3	Q	Q
	500 and Over	107.3	0.5	0.2
	Total	108.6	0.9	0.5
339	MISCELLANEOUS			
	Value of Shipments and Receipts (million dollars)			
	Under 20	130.7	1.2	0.8
	20-49	106.8	0.6	0.4
	50-99	141.1	0.7	0.5
	100-249	135.1	0.7	0.4
	250-499	Q	0.2	Q
	500 and Over	106.1	0.2	0.1
	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 6.3 Relative Standard Errors for Table 6.3;

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)
Total United States				
311 - 339	ALL MANUFACTURING INDUSTRIES			
	Value of Shipments and Receipts (million dollars)			
	Under 20	6.4	6.6	6.3
	20-49	8.4	6.2	5.3
	50-99	6.2	6.8	5.4
	100-249	6.1	6.7	5.7
	250-499	7.3	9.0	6.1
	500 and Over	4.8	4.8	2.4
	Total	2.1	2.4	1.6
311	FOOD			
	Value of Shipments and Receipts (million dollars)			
	Under 20	12.6	12.8	11.2
	20-49	22.2	23.1	21.3
	50-99	11.5	14.6	12.2
	100-249	11.3	10.8	9.3
	250-499	4.5	8.8	5.8
	500 and Over	4.3	30.9	10.0
	Total	4.4	8.3	4.6
3112	Grain and Oilseed Milling			
	Value of Shipments and Receipts (million dollars)			
	Under 20	23.7	51.7	28.4
	20-49	19.8	18.4	18.2
	50-99	23.1	13.9	15.3
	100-249	12.7	9.3	12.3
	250-499	5.6	13.9	12.8
	500 and Over	1.9	1.7	1.8
	Total	4.6	3.4	4.0
311221	Wet Corn Milling			
	Value of Shipments and Receipts (million dollars)			
	Under 20	0.0	0.0	0.0
	20-49	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 and Over	0.0	0.0	0.0
Total	0.0	0.0	0.0

31131 Sugar

**Value of Shipments and Receipts
(million dollars)**

Under 20	0.0	0.0	0.0
20-49	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 and Over	X	X	X
Total	0.1	0.1	0.1

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

**Value of Shipments and Receipts
(million dollars)**

Under 20	28.8	27.9	27.8
20-49	12.0	12.7	12.4
50-99	6.7	10.7	7.7
100-249	10.8	28.5	20.6
250-499	2.9	6.6	5.4
500 and Over	0.0	0.0	0.0
Total	4.5	8.1	6.9

3115 Dairy Products

**Value of Shipments and Receipts
(million dollars)**

Under 20	26.0	29.9	25.4
20-49	17.5	20.8	13.6
50-99	11.0	10.5	11.8
100-249	4.6	4.8	3.0
250-499	10.1	19.3	8.1
500 and Over	9.3	14.8	10.6
Total	3.6	6.6	4.2

3116 Animal Slaughtering and Processing

**Value of Shipments and Receipts
(million dollars)**

Under 20	32.0	24.8	25.3
20-49	24.9	20.5	15.9
50-99	13.8	18.1	14.2
100-249	5.7	9.9	7.6
250-499	3.1	7.0	10.4
500 and Over	1.2	1.4	1.4
Total	2.9	4.0	3.7

312 BEVERAGE AND TOBACCO PRODUCTS

Value of Shipments and Receipts
(million dollars)

Under 20	35.0	35.2	33.6
20-49	13.8	17.8	16.8
50-99	32.7	21.2	20.0
100-249	9.6	9.9	6.5
250-499	21.4	27.3	15.8
500 and Over	1.2	2.0	2.2
Total	6.5	6.1	5.4

3121 Beverages

Value of Shipments and Receipts
(million dollars)

Under 20	35.4	35.6	34.0
20-49	14.8	19.1	18.1
50-99	34.4	22.3	20.9
100-249	10.3	10.4	6.8
250-499	21.9	28.5	16.2
500 and Over	1.8	6.3	5.3
Total	7.1	9.0	6.9

3122 Tobacco

Value of Shipments and Receipts
(million dollars)

Under 20	0.1	0.1	0.1
20-49	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 and Over	0.0	0.0	0.0
Total	0.1	0.1	0.1

313 TEXTILE MILLS

Value of Shipments and Receipts
(million dollars)

Under 20	61.6	61.7	61.9
20-49	22.3	29.0	29.4
50-99	19.5	20.8	16.0
100-249	17.0	29.6	19.5
250-499	7.1	4.2	4.1
500 and Over	0.0	0.0	0.0
Total	15.9	16.9	16.2

314 TEXTILE PRODUCT MILLS

Value of Shipments and Receipts
(million dollars)

Under 20	41.4	46.7	45.7
20-49	53.0	54.8	43.4
50-99	55.1	71.4	61.4
100-249	11.8	22.4	13.3
250-499	24.4	94.8	32.2

500 and Over	0.0	0.0	0.0
Total	16.7	17.9	15.0

315 APPAREL

**Value of Shipments and Receipts
(million dollars)**

Under 20	18.2	19.7	17.7
20-49	20.9	34.2	22.1
50-99	11.7	35.4	58.5
100-249	11.3	0.1	3.7
250-499	X	X	X
500 and Over	X	X	X
Total	12.3	14.2	11.9

316 LEATHER AND ALLIED PRODUCTS

**Value of Shipments and Receipts
(million dollars)**

Under 20	15.2	13.7	11.3
20-49	8.2	4.4	4.6
50-99	20.2	14.7	8.5
100-249	76.8	90.7	54.0
250-499	X	X	X
500 and Over	X	X	X
Total	9.1	13.5	21.5

321 WOOD PRODUCTS

**Value of Shipments and Receipts
(million dollars)**

Under 20	27.1	26.2	27.0
20-49	8.6	6.7	7.0
50-99	10.4	9.0	9.1
100-249	6.1	4.6	5.6
250-499	0.0	0.0	0.0
500 and Over	0.0	0.0	0.0
Total	9.7	9.2	9.6

321113 Sawmills

**Value of Shipments and Receipts
(million dollars)**

Under 20	9.0	10.4	9.4
20-49	3.6	4.7	4.4
50-99	1.0	2.2	1.6
100-249	0.0	0.0	0.0
250-499	X	X	X
500 and Over	X	X	X
Total	2.2	2.6	2.1

3212 Veneer, Plywood, and Engineered Woods

**Value of Shipments and Receipts
(million dollars)**

Under 20	9.9	14.5	10.5
20-49	8.3	5.2	5.7
50-99	3.7	6.1	4.1
100-249	1.2	1.8	2.7
250-499	X	X	X
500 and Over	X	X	X
Total	3.9	3.9	2.6

321219 Reconstituted Wood Products

**Value of Shipments and Receipts
(million dollars)**

Under 20	38.8	21.5	47.6
20-49	6.7	22.0	12.4
50-99	7.2	11.0	6.7
100-249	4.7	5.1	5.3
250-499	X	X	X
500 and Over	X	X	X
Total	5.9	7.1	4.6

3219 Other Wood Products

**Value of Shipments and Receipts
(million dollars)**

Under 20	50.7	49.7	50.6
20-49	15.6	13.7	13.9
50-99	18.3	22.0	25.3
100-249	11.7	11.8	15.5
250-499	0.0	0.0	0.0
500 and Over	0.0	0.0	0.0
Total	38.4	37.9	38.5

322 PAPER

**Value of Shipments and Receipts
(million dollars)**

Under 20	22.7	34.1	23.5
20-49	20.0	24.6	22.8
50-99	14.1	14.6	15.5
100-249	18.7	18.1	15.4
250-499	7.9	7.1	6.9
500 and Over	4.8	4.4	4.6
Total	5.5	4.4	4.4

322110 Pulp Mills

**Value of Shipments and Receipts
(million dollars)**

Under 20	0.0	0.0	0.0
20-49	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 and Over	0.0	0.0	0.0
Total	0.0	0.0	0.0

322121 Paper Mills, except Newsprint**Value of Shipments and Receipts
(million dollars)**

Under 20	0.1	0.1	0.1
20-49	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 and Over	0.0	0.0	0.0
Total	0.1	0.1	0.1

322122 Newsprint Mills**Value of Shipments and Receipts
(million dollars)**

Under 20	X	X	X
20-49	X	X	X
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 and Over	0.0	0.0	0.0
Total	0.0	0.0	0.0

322130 Paperboard Mills**Value of Shipments and Receipts
(million dollars)**

Under 20	0.0	0.0	0.0
20-49	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 and Over	0.0	0.0	0.0
Total	0.0	0.0	0.0

323 PRINTING AND RELATED SUPPORT**Value of Shipments and Receipts
(million dollars)**

Under 20	40.1	40.1	40.2
20-49	23.8	32.0	24.4
50-99	17.7	45.7	38.6
100-249	26.3	54.9	47.9
250-499	0.0	0.0	0.0
500 and Over	0.0	0.0	0.0
Total	18.1	21.9	20.5

324 PETROLEUM AND COAL PRODUCTS**Value of Shipments and Receipts
(million dollars)**

Under 20	12.1	11.7	8.5
20-49	13.3	9.4	6.3
50-99	45.2	25.5	21.9
100-249	10.2	11.7	7.3

250-499	0.0	0.0	0.0
500 and Over	0.1	0.2	0.1
Total	2.8	0.9	0.2

324110 Petroleum Refineries

**Value of Shipments and Receipts
(million dollars)**

Under 20	2776.6	341.9	24634.0
20-49	X	X	X
50-99	0.0	0.0	0.0
100-249	2.5	40.8	11.4
250-499	0.0	0.0	0.0
500 and Over	0.1	0.1	0.1
Total	1.7	0.1	0.1

324121 Asphalt Paving Mixture and Block

**Value of Shipments and Receipts
(million dollars)**

Under 20	10.4	13.5	9.8
20-49	12.0	8.5	5.8
50-99	0.6	0.6	1.4
100-249	0.0	0.0	0.0
250-499	X	X	X
500 and Over	X	X	X
Total	7.1	7.7	6.2

324122 Asphalt Shingle and Coating Materials

**Value of Shipments and Receipts
(million dollars)**

Under 20	7.9	14.7	7.6
20-49	4.5	11.3	7.2
50-99	1.4	2.0	1.4
100-249	0.5	14.5	10.0
250-499	0.0	0.0	0.0
500 and Over	X	X	X
Total	1.0	7.3	4.9

324199 Other Petroleum and Coal Products

**Value of Shipments and Receipts
(million dollars)**

Under 20	0.0	0.0	0.0
20-49	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 and Over	0.0	0.0	0.0
Total	0.0	0.0	0.0

325 CHEMICALS

**Value of Shipments and Receipts
(million dollars)**

Under 20	19.3	19.4	19.2
20-49	15.6	18.6	14.4
50-99	26.3	19.8	17.2
100-249	12.2	27.7	18.6
250-499	10.4	12.1	8.9
500 and Over	8.4	4.5	3.4
Total	5.5	5.2	3.9

325110 Petrochemicals

**Value of Shipments and Receipts
(million dollars)**

Under 20	2.8	364.6	376.7
20-49	X	X	X
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 and Over	0.0	0.0	0.0
Total	0.4	0.1	0.1

325120 Industrial Gases

**Value of Shipments and Receipts
(million dollars)**

Under 20	15.9	24.7	14.3
20-49	37.1	16.4	18.0
50-99	52.4	38.3	25.4
100-249	6.3	9.9	7.4
250-499	0.0	0.0	0.0
500 and Over	X	X	X
Total	11.5	8.8	6.8

325180 Other Basic Inorganic Chemicals

**Value of Shipments and Receipts
(million dollars)**

Under 20	36.8	28.9	27.6
20-49	32.1	19.6	21.0
50-99	33.3	17.6	14.6
100-249	45.0	32.7	16.8
250-499	10.8	12.6	15.5
500 and Over	37.5	28.9	26.5
Total	10.7	7.6	6.0

325193 Ethyl Alcohol

**Value of Shipments and Receipts
(million dollars)**

Under 20	37.9	27.7	27.7
20-49	0.1	0.0	0.0
50-99	29.2	44.9	23.1
100-249	3.4	3.8	2.6
250-499	0.1	0.1	0.1
500 and Over	0.0	0.0	0.0
Total	2.8	2.5	2.0

325194 Cyclic Crudes, Intermediate and Gum and Wood Chemicals

**Value of Shipments and Receipts
(million dollars)**

Under 20	0.0	0.0	0.0
20-49	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 and Over	0.0	0.0	0.0
Total	0.0	0.0	0.0

325199 Other Basic Organic Chemicals

**Value of Shipments and Receipts
(million dollars)**

Under 20	52.7	26.0	30.7
20-49	34.1	37.9	42.0
50-99	16.9	26.8	20.1
100-249	27.2	25.1	24.9
250-499	27.8	24.2	21.4
500 and Over	0.1	2.9	0.8
Total	6.5	5.9	5.3

325211 Plastics Materials and Resins

**Value of Shipments and Receipts
(million dollars)**

Under 20	19.0	21.2	22.3
20-49	32.8	34.6	18.2
50-99	26.6	32.9	34.5
100-249	19.0	13.4	8.4
250-499	6.2	26.7	8.7
500 and Over	0.3	0.7	1.3
Total	4.6	3.3	2.4

325212 Synthetic Rubber

**Value of Shipments and Receipts
(million dollars)**

Under 20	0.0	0.0	0.0
20-49	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 and Over	0.0	0.0	0.0
Total	0.0	0.0	0.0

325220 Artificial and Synthetic Fibers and Filaments

**Value of Shipments and Receipts
(million dollars)**

Under 20	0.0	0.0	0.0
20-49	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 and Over	0.0	0.0	0.0
Total	0.0	0.0	0.0

325311 Nitrogenous Fertilizers

**Value of Shipments and Receipts
(million dollars)**

Under 20	39.0	24.8	67.1
20-49	10.1	5.7	10.6
50-99	23.3	52.0	20.7
100-249	0.0	0.0	0.1
250-499	0.0	0.0	0.0
500 and Over	0.0	0.0	0.0
Total	8.2	2.7	4.0

325312 Phosphatic Fertilizers

**Value of Shipments and Receipts
(million dollars)**

Under 20	0.0	0.0	0.0
20-49	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 and Over	0.0	0.0	0.0
Total	0.0	0.0	0.0

3254 Pharmaceuticals and Medicines

**Value of Shipments and Receipts
(million dollars)**

Under 20	27.7	15.7	15.9
20-49	24.5	20.2	23.7
50-99	36.4	39.8	36.6
100-249	5.9	8.8	7.4
250-499	4.2	3.0	4.4
500 and Over	1.9	2.7	3.1
Total	5.2	4.8	4.7

325412 Pharmaceutical Preparation

**Value of Shipments and Receipts
(million dollars)**

Under 20	23.1	23.8	22.2
20-49	19.4	19.8	19.1
50-99	12.8	15.5	18.3
100-249	7.4	7.3	7.1
250-499	2.9	2.6	3.0
500 and Over	2.1	0.7	1.7
Total	3.0	1.5	2.1

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

**Value of Shipments and Receipts
(million dollars)**

Under 20	37.7	47.3	28.1
20-49	0.0	0.1	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 and Over	0.0	0.0	0.0
Total	3.6	2.2	1.3

326 PLASTICS AND RUBBER PRODUCTS

**Value of Shipments and Receipts
(million dollars)**

Under 20	28.1	28.8	28.2
20-49	13.6	16.8	14.6
50-99	14.6	11.5	10.9
100-249	29.2	27.1	20.2
250-499	15.8	21.9	20.6
500 and Over	6.7	13.1	4.1
Total	8.2	8.3	7.5

327 NONMETALLIC MINERAL PRODUCTS

**Value of Shipments and Receipts
(million dollars)**

Under 20	16.3	10.2	10.1
20-49	21.5	14.5	14.9
50-99	28.9	10.7	12.8
100-249	8.3	11.3	10.7
250-499	46.9	102.9	89.9
500 and Over	0.0	0.0	0.0
Total	8.4	6.3	5.5

327120 Clay Building Material and Refractories

**Value of Shipments and Receipts
(million dollars)**

Under 20	4.2	5.6	5.5
20-49	5.4	12.4	9.4
50-99	2.2	0.7	1.2
100-249	0.1	0.0	0.0
250-499	X	X	X
500 and Over	X	X	X
Total	2.9	4.8	4.3

327211 Flat Glass

**Value of Shipments and Receipts
(million dollars)**

Under 20	0.0	0.0	0.0
20-49	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 and Over	X	X	X
Total	0.0	0.0	0.0

327212 Other Pressed and Blown Glass and Glassware

Value of Shipments and Receipts (million dollars)

Under 20	20.1	15.0	15.1
20-49	48.3	67.7	66.3
50-99	0.0	0.0	0.0
100-249	0.0	0.0	0.0
250-499	X	X	X
500 and Over	X	X	X
Total	8.2	7.9	8.5

327213 Glass Containers

Value of Shipments and Receipts (million dollars)

Under 20	0.0	0.0	0.0
20-49	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 and Over	X	X	X
Total	0.0	0.0	0.0

327215 Glass Products from Purchased Glass

Value of Shipments and Receipts (million dollars)

Under 20	19.1	21.8	20.6
20-49	8.3	6.7	6.5
50-99	4.5	2.6	3.3
100-249	0.0	0.0	0.0
250-499	0.0	0.0	0.0
500 and Over	0.0	0.0	0.0
Total	5.4	6.2	6.0

327310 Cements

Value of Shipments and Receipts (million dollars)

Under 20	93.3	253.6	73.5
20-49	2.8	7.1	3.4
50-99	0.2	0.3	0.2
100-249	0.0	0.0	0.0
250-499	X	X	X
500 and Over	X	X	X
Total	5.9	4.7	5.2

327410 Lime

Value of Shipments and Receipts (million dollars)

Under 20	0.0	0.0	0.0
20-49	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 and Over	X	X	X
Total	0.0	0.0	0.0

327420 Gypsum

**Value of Shipments and Receipts
(million dollars)**

Under 20	46.4	35.5	41.0
20-49	27.5	27.8	34.5
50-99	12.1	13.8	12.5
100-249	0.0	0.0	0.0
250-499	X	X	X
500 and Over	X	X	X
Total	7.8	8.3	8.2

327993 Mineral Wool

**Value of Shipments and Receipts
(million dollars)**

Under 20	24.1	25.3	32.2
20-49	0.0	0.0	0.0
50-99	4.3	14.8	25.6
100-249	0.0	0.0	0.1
250-499	0.0	0.0	0.0
500 and Over	X	X	X
Total	3.5	3.6	6.2

331 PRIMARY METALS

**Value of Shipments and Receipts
(million dollars)**

Under 20	13.2	13.4	13.4
20-49	4.2	6.2	5.3
50-99	2.8	4.0	4.0
100-249	1.6	1.3	2.4
250-499	0.6	0.7	1.0
500 and Over	2.6	0.4	5.1
Total	1.4	0.8	2.6

331110 Iron and Steel Mills and Ferroalloys

**Value of Shipments and Receipts
(million dollars)**

Under 20	0.1	0.1	0.1
20-49	0.1	0.1	0.1
50-99	4.4	8.2	20.9
100-249	0.0	0.0	0.0
250-499	0.0	0.0	0.0
500 and Over	0.0	0.0	0.0
Total	0.2	0.1	0.4

3312 Steel Products from Purchased Steel**Value of Shipments and Receipts
(million dollars)**

Under 20	62.1	64.5	64.1
20-49	14.6	16.6	15.2
50-99	7.1	12.6	11.0
100-249	4.7	5.6	7.0
250-499	1.5	1.0	1.6
500 and Over	0.0	0.0	0.0
Total	9.8	10.4	10.5

3313 Alumina and Aluminum**Value of Shipments and Receipts
(million dollars)**

Under 20	11.2	10.1	3.8
20-49	1.9	1.7	1.9
50-99	7.2	9.1	8.6
100-249	0.0	0.0	0.0
250-499	0.0	0.0	0.0
500 and Over	0.0	0.0	0.0
Total	2.2	1.7	1.3

**Secondary Smelting and Alloying of
Aluminum****331314****Value of Shipments and Receipts
(million dollars)**

Under 20	0.0	0.0	0.0
20-49	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 and Over	0.0	0.0	0.0
Total	0.1	0.1	0.1

331315 Aluminum Sheet, Plate and Foils**Value of Shipments and Receipts
(million dollars)**

Under 20	0.0	0.0	0.0
20-49	X	X	X
50-99	48.0	78.8	71.0
100-249	0.0	0.0	0.0
250-499	0.0	0.0	0.0
500 and Over	0.0	0.0	0.0
Total	5.1	3.2	2.3

**Other Aluminum Rolling, Drawing and
Extruding****331318****Value of Shipments and Receipts
(million dollars)**

Under 20	12.9	16.3	8.8
20-49	2.6	2.3	2.6

50-99	5.9	5.8	3.3
100-249	0.0	0.0	0.0
250-499	0.0	0.0	0.0
500 and Over	0.0	0.0	0.0
Total	2.5	2.1	1.2

3314 Nonferrous Metals, except Aluminum

**Value of Shipments and Receipts
(million dollars)**

Under 20	42.4	44.5	42.0
20-49	14.7	21.8	16.4
50-99	6.6	10.0	8.1
100-249	7.1	5.1	8.4
250-499	2.4	3.0	3.9
500 and Over	33.8	2.9	30.7
Total	5.7	3.8	12.9

Nonferrous Metal (except Aluminum)

331410 Smelting and Refining

**Value of Shipments and Receipts
(million dollars)**

Under 20	0.1	0.1	0.0
20-49	0.5	22.0	40.3
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 and Over	0.0	0.1	0.0
Total	10.8	3.8	1.6

3315 Foundries

**Value of Shipments and Receipts
(million dollars)**

Under 20	15.4	15.1	15.2
20-49	2.7	2.4	2.5
50-99	2.2	2.2	3.1
100-249	0.5	0.5	0.3
250-499	0.0	0.0	0.0
500 and Over	0.0	0.0	0.0
Total	3.6	3.2	3.3

331511 Iron Foundries

**Value of Shipments and Receipts
(million dollars)**

Under 20	19.1	21.6	22.3
20-49	6.0	5.7	5.4
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 and Over	0.0	0.0	0.0
Total	2.0	2.1	2.1

331523 Nonferrous Metal Die-Casting Foundries

**Value of Shipments and Receipts
(million dollars)**

Under 20	23.3	7.7	4.6
20-49	2.2	2.1	1.9
50-99	1.7	0.8	1.1
100-249	0.0	0.0	0.0
250-499	0.0	0.0	0.0
500 and Over	X	X	X
Total	6.5	1.5	0.9

331524 Aluminum Foundries, except Die-Casting

**Value of Shipments and Receipts
(million dollars)**

Under 20	20.9	20.6	20.8
20-49	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 and Over	X	X	X
Total	7.9	8.1	8.4

332 FABRICATED METAL PRODUCTS

**Value of Shipments and Receipts
(million dollars)**

Under 20	15.0	15.1	15.4
20-49	40.4	22.6	18.8
50-99	35.6	45.3	34.1
100-249	29.0	31.6	34.2
250-499	52.2	68.9	55.9
500 and Over	177.2	114.7	114.6
Total	11.8	11.7	11.1

333 MACHINERY

**Value of Shipments and Receipts
(million dollars)**

Under 20	9.8	12.1	11.0
20-49	25.1	23.9	23.7
50-99	18.0	20.9	14.3
100-249	21.2	20.1	20.7
250-499	28.4	39.0	27.6
500 and Over	14.7	31.1	23.7
Total	7.4	9.9	8.6

334 COMPUTER AND ELECTRONIC PRODUCTS

**Value of Shipments and Receipts
(million dollars)**

Under 20	38.6	39.7	38.8
20-49	22.4	21.7	21.2
50-99	25.1	33.1	42.3
100-249	24.1	23.5	26.0

250-499	31.9	121.3	30.1
500 and Over	8.8	12.1	10.9
Total	7.9	10.0	8.8

334413 Semiconductors and Related Devices

**Value of Shipments and Receipts
(million dollars)**

Under 20	116.7	99.5	43.4
20-49	28.9	27.6	31.2
50-99	3.3	8.7	6.6
100-249	1.0	1.0	0.9
250-499	0.0	0.0	0.0
500 and Over	0.0	0.0	0.0
Total	6.1	3.2	1.2

335 ELEC. EQUIP., APPLIANCES, COMPONENTS

**Value of Shipments and Receipts
(million dollars)**

Under 20	28.0	29.2	28.8
20-49	27.2	28.3	25.7
50-99	20.7	36.1	27.8
100-249	27.1	28.1	27.8
250-499	21.6	35.8	27.1
500 and Over	14.2	13.0	21.5
Total	9.6	11.5	11.4

336 TRANSPORTATION EQUIPMENT

**Value of Shipments and Receipts
(million dollars)**

Under 20	31.4	31.3	31.3
20-49	28.9	27.3	26.6
50-99	14.5	16.4	15.2
100-249	22.2	19.1	22.6
250-499	15.1	35.5	15.2
500 and Over	10.0	12.8	5.2
Total	6.6	10.1	5.5

336111 Automobiles

**Value of Shipments and Receipts
(million dollars)**

Under 20	0.0	0.0	0.0
20-49	0.0	0.0	0.0
50-99	X	X	X
100-249	X	X	X
250-499	X	X	X
500 and Over	0.0	0.0	0.0
Total	0.0	0.0	0.0

336112 Light Trucks and Utility Vehicles

Value of Shipments and Receipts

(million dollars)

Under 20	0.0	0.0	0.0
20-49	0.0	0.0	0.0
50-99	0.0	0.0	0.0
100-249	X	X	X
250-499	X	X	X
500 and Over	0.0	0.0	0.0
Total	0.0	0.0	0.0

3364 Aerospace Products**Value of Shipments and Receipts
(million dollars)**

Under 20	19.6	25.2	23.0
20-49	23.3	21.3	21.2
50-99	22.4	23.8	22.6
100-249	16.5	16.3	15.4
250-499	12.7	31.4	11.3
500 and Over	1.4	1.9	1.3
Total	4.4	7.1	5.0

336411 Aircraft**Value of Shipments and Receipts
(million dollars)**

Under 20	29.5	42.1	46.7
20-49	22.4	28.9	14.0
50-99	48.3	43.7	36.0
100-249	40.7	23.4	35.3
250-499	33.5	65.3	45.7
500 and Over	3.6	1.0	2.7
Total	11.3	18.4	14.9

337 FURNITURE AND RELATED PRODUCTS**Value of Shipments and Receipts
(million dollars)**

Under 20	11.3	47.0	10.9
20-49	26.0	27.6	26.3
50-99	21.4	22.6	21.7
100-249	23.9	27.6	26.7
250-499	46.6	100.0	83.7
500 and Over	36.8	42.5	49.0
Total	8.7	17.4	10.3

339 MISCELLANEOUS**Value of Shipments and Receipts
(million dollars)**

Under 20	33.5	32.7	32.8
20-49	25.4	26.5	27.9
50-99	35.2	38.7	35.2
100-249	22.3	31.7	26.7
250-499	51.2	38.9	53.9
500 and Over	16.4	24.8	18.3
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.'