

**TABLE 1. Quarterly Survey of Plant Capacity Utilization Full Rates: 2016**

		201 Quart	
NAICS Code(s)	Description	Utilization Rate	Standard Error
31-33	All manufacturing 1/	72.0	0.6
3111,7,8	Animal food, bakery and tortilla mfg., seafood product preparation and packaging	73.6	3.5
3112,5,6	Grain and oilseed milling, dairy, and animal slaughtering and processing	81.1	2.1
3113,4	Sugar and confectionary product, fruit and vegetable preserving and specialty food mfg.	68.2	6.9
		c	
31191	Snack food mfg.	77.6	2.6
31192	Coffee and tea mfg.	70.7	5.7
		c	
31193-9	Other food mfg.	71.7	3.0
		c	
3121	Beverage mfg.	70.9	2.8
3122	Tobacco mfg.	53.6	1.7
3131	Fiber, yarn, and thread mills	69.5	4.4
3132	Fabric mills	63.1	10.9
3133	Textile and fabric finishing, and fabric coating mills	69.4	11.4
		c	
3141	Textile furnishings mills	68.8	4.2
3149	Other textile product mills	60.0	11.9
31511,9	Hosiery and sock mills; and other apparel knitting mills	53.1	17.9
		c	
31521	Cut and sew apparel contractors 2/	53.2	21.4
		c	
31522	Men's and boy's cut and sew apparel mfg.	72.2	5.9
31524	Women's and girl's cut and sew apparel mfg. 2/	100.0	Z
		c	
31528	Other cut and sew apparel mfg. 2/	67.2	5.3
3159	Apparel accessories and other apparel mfg.	70.0	4.1
		c	
3161	Leather and hide tanning and finishing	39.9	10.4
		c	
3162	Footwear mfg.	58.1	3.3
		c	
3169	Other leather and allied product mfg.	76.2	9.6
		c	
3211	Sawmills and wood preservation	78.8	3.3
3212	Veneer, plywood, and engineered wood product mfg.	75.3	3.0
		c	
3219	Other wood product mfg.	72.1	3.3
32211	Pulp mills	85.6	12.9
		c	
32212	Paper mills	82.1	3.1
		c	

32213	Paperboard mills	c	92.4	2.3
3222	Converted paper product mfg.	c	81.3	2.1
3231	Printing and related support activities	c	72.5	3.4
32411	Petroleum refineries		80.7	4.8
32412,9	Paving, roofing, and all other petroleum and coal products mfg.	c	54.1	6.0
32511	Petrochemical mfg.	c	81.5	9.0
325193	Ethyl alcohol mfg.		96.5	0.9
325194,9	Gum, wood chemical, cyclic crude and intermediate, and all other basic organic chemical mfg.		82.0	5.7
32512-8	Industrial gas, synthetic organic dye and pigment, and other basic inorganic chemical mfg.	c	58.7	7.2
325211	Plastics material and resin mfg.		71.9	4.7
325212	Synthetic rubber mfg.		68.3	3.5
32522	Artificial and synthetic fibers and filaments mfg.		83.0	5.0
32531	Fertilizer mfg.		72.9	10.8
32532	Pesticide and other agricultural chemical mfg.	c	58.6	0.5
3254	Pharmaceutical and medicine mfg.	c	69.0	3.9
3255	Paint, coating, and adhesive mfg.	c	53.6	6.4
3256	Soap, cleaning compound, and toilet preparation mfg.	c	65.7	4.3
3259	Other chemical product and preparation mfg.	c	54.2	4.5
3261	Plastics product mfg.	c	76.1	2.7
32621	Tire mfg.	c	81.6	3.3
32622,9	All other rubber product (excluding tires) mfg.	c	73.9	3.8
3271	Clay product and refractory mfg.	c	63.7	9.8
3272	Glass and glass product mfg.		78.8	7.1
32731	Cement mfg.		60.6	4.7
32732-9	Ready-mix concrete; concrete pipe, brick, and block; and other concrete mfg.	c	49.2	4.4
3274	Lime and gypsum product mfg.	c	63.8	5.2
3279	Other nonmetallic mineral product mfg.	c	76.7	3.5
3311,2	Iron and steel mills and ferroalloy mfg.; and steel product mfg from purchased steel		72.2	2.4
3313	Alumina and aluminum production and processing		74.2	4.5
3314	Nonferrous metal (except aluminum) production and processing	c	61.3	1.9
3315	Foundries		66.9	3.3

3321,2,4-6	Forging and stamping; cutlery, handtool, boiler, tank, shipping container, hardware, and spring and wire mfg.		61.5	3.6
3323,7-9	All other fabricated metal product mfg.		59.6	2.6
3331	Agriculture, construction, and mining machinery mfg.		47.8	3.3
3332	Industrial machinery mfg.		67.8	2.8
3333	Commercial and service industry machinery mfg.	c	72.7	2.5
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment mfg.		61.9	5.0
3335	Metalworking machinery mfg.	c	66.6	3.5
3336	Engine, turbine, and power transmission equipment mfg.		58.3	4.2
3339	Other general purpose machinery mfg.		62.7	4.5
3341	Computer and peripheral equipment mfg.	c	73.4	4.8
3342	Communications equipment mfg.	c	69.6	5.1
3343,6	Audio and video equipment mfg.; and manufacturing and reproducing magnetic and optical media	c	44.9	11.9
334412,6-9	Bare printed circuit board, electronic capacitor, and other electronic component mfg.		58.5	4.6
334413	Semiconductor and related device mfg.	c	78.1	1.7
3345	Navigational, measuring, electromedical, and control instruments mfg.	c	63.4	3.2
3351	Electric lighting equipment mfg.	c	55.2	11.6
3352	Household appliance mfg.		67.5	4.2
3353-9	Electrical equipment and component mfg.		66.0	6.1
336111	Automobile mfg.		78.0	8.1
336112	Light truck and utility vehicle mfg.		92.1	1.3
33612	Heavy duty truck mfg.		45.7	4.3
3362	Motor vehicle body and trailer mfg.		79.4	2.9
3363	Motor vehicle parts mfg.		81.3	1.9
3364	Aerospace product and parts mfg.		77.0	3.2
3365-9	Railroad rolling stock, ship, boat, and other transportation equipment mfg.	c	54.5	3.3
3371	Household and institutional furniture and kitchen cabinet mfg. 2/	c	73.8	3.4
3372	Office furniture (incl. fixtures) mfg.	c	72.4	3.5
3379	Other furniture related product mfg.		70.7	3.2
3391	Medical equipment and supplies mfg.	c	69.3	3.1
33991-3	Jewelry, silverware, sporting and athletic goods, and doll, toy and game mfg.		70.9	4.1
33994-5	Office supplies (except paper) and sign mfg.		72.4	3.5
33999	All other miscellaneous mfg.		58.9	3.2
51111,3	Newspaper and book publishers	c	50.3	10.3

51112 Periodical publishers	c	99.6	43.8
51114,9 All other publishers	c	72.9	1.2

1/ Includes manufacturing plants without specific NAICS industry codes as specified within the table and ex

2/ NAICS industries 31521, 31524, 31528 and 3371 now include additional plants that were previously inclu therefore, not included in any specific industry. Upon further research, these cases were placed in one o forward.

c The full utilization rate is based on responses with industry coverage of less than 50 percent. Coverage is to the weighted measure of size for the entire sample.

D Estimate withheld to avoid disclosing data for individual companies.

Z Standard error is less than 0.05.

**Note:** Data may differ from that previously published due to data revisions made during the processing of the

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Average Plant hours per week in operation	Standard Error		Utilization Rate	Standard Error	Average Plant hours per week in operation	Standard Error
68.7	1.1		71.7	0.7	69.2	1.2
113.1	8.9		66.6	5.1	113.7	10.0
101.3	8.2		78.9	2.1	95.1	7.4
82.0	15.8	c	66.9	7.1	81.3	12.8
104.8	20.8		73.4	2.5	128.4	28.6
48.1	40.4	c	69.7	5.3	44.7	13.4
64.3	11.4	c	72.1	2.7	65.4	11.6
79.1	12.9		78.6	2.7	84.6	14.4
42.3	6.2		60.0	2.3	40.9	11.7
95.9	47.0		74.7	4.0	90.9	50.6
78.4	16.6		61.9	14.1	75.2	17.4
93.4	44.5	c	64.0	10.7	81.4	64.3
69.3	15.9		74.8	3.2	72.4	18.9
55.1	5.8		59.8	12.5	51.7	5.3
91.5	14.2	c	46.8	14.8	85.4	16.8
46.6	6.8	c	44.3	16.9	42.1	1.3
39.7	0.5	c	75.5	6.4	39.8	0.4
40.0	Z	c	96.3	5.3	63.8	26.7
38.1	2.1	c	83.1	4.9	38.0	2.2
53.4	12.6	c	64.2	7.4	49.1	7.6
43.3	2.7		49.7	8.8	41.5	2.5
42.3	7.3		50.1	5.8	48.7	2.4
35.8	14.2	c	70.2	19.3	31.6	17.0
54.5	5.0	c	80.9	3.1	49.8	4.0
61.4	8.6	c	79.1	4.1	58.5	8.3
50.8	4.0		73.9	3.1	49.1	3.0
D	D	c	90.5	8.5	D	D
158.9	8.3		85.6	2.1	163.4	4.6