

**Table 22.02-- DETAILED MANUFACTURING STATISTICS (NAICS 31-33): 2017**

[Statistics based on the 2017 North American Industry Classification System (NAICS)]

Item	Value
Number of firms	752
All establishments	783
All employees 1/	11,850
Total compensation (\$1,000)	740,856
Annual payroll	558,523
Total fringe benefits	182,333
Employer's cost for health insurance (\$1,000)	69,444
Employer's cost for defined benefit pension plans (\$1,000)	8,462
Employer's cost for defined contribution plans (\$1,000)	18,071
Employer's cost for other fringe benefits (\$1,000)	86,356
Production workers for pay period including March 12	8,171
Production workers for pay period including June 12	8,226
Production workers for pay period including September 12	8,329
Production workers for pay period including December 12	8,353
Production-worker annual hours (1,000)	14,983
Production-worker annual wages (\$1,000)	343,507
Total cost of materials (\$1,000)	4,049,336
Materials, parts, containers, packaging, etc., used	3,101,472
Resales	795,220
Purchased fuels	45,159
Purchased electricity	40,845
Contract work	66,640
Quantity of electricity purchased for heat and power (1,000 kWh)	161,820
Quantity of electricity generated (1,000 kWh)	(D)
Quantity of electricity sold or transferred (1,000 kWh)	(D)
Total value of shipments (\$1,000)	6,055,913
Value added (\$1,000)	2,251,458
Total inventories, beginning of year (\$1,000)	465,744
Finished goods	232,617
Work-in-process	59,330
Materials and supplies	173,797

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**Table 22.02-- DETAILED MANUFACTURING STATISTICS  
(NAICS 31-33): 2017 -- Con.**

Item	2017
Total inventories, end of year (\$1,000)	832,321
Finished goods	436,420
Work-in-process	100,408
Materials and supplies	295,493
Gross value of depreciable assets (acquisition costs) at beginning of year (\$1,000)	2,786,909
Total capital expenditures (new and used)	136,148
Buildings and other structures	28,934
Machinery and equipment	107,214
Automobiles, trucks, etc., for highway use	7,289
Computers and peripheral data processing equipment	2,112
All other expenditures for machinery and equipment	97,813
Total retirements	23,456
Gross value of depreciable assets at end of year (\$1,000)	2,899,601
Depreciation charges during year (\$1,000)	103,010
Total rental payments (\$1,000)	71,193
Buildings and other structures	50,840
Machinery and equipment	20,353
Total other operating expenses (\$1,000)	336,744
Temporary staff and leased employee expenses	24,150
Expensed computer hardware and other equipment	7,754
Expensed purchases of software	2,043
Data processing and other purchased computer services	(D)
Communication services	(D)
Repair and maintenance services of buildings and / or machinery	76,972
Refuse removal (including hazardous waste) services	12,293
Advertising and promotional services	15,708
Purchased professional and technical services	20,418
Taxes and license fees	38,918
All other operating expenses	130,643

D Withheld to avoid disclosing data for individual companies; data are included in higher level totals.

1/ Employees on payroll during the pay period including March 12.

Source: 2017 Economic Census: ECNBASIC2017, "Manufacturing: Summary Statistics for the U.S., States, and Selected Geographies: 2017" <<https://data.census.gov/cedsci/table?q=EC1731BASIC%3A%20Manufacturing%3A%20Summary%20Statistics%20for%20the%20U.S.,%20States,%20and%20Selected%20Geographies%3A%202017&g=0400000US15&hidePreview=true&tid=ECNBASIC2017.EC1731BASIC>> accessed June 8, 2021.