

**Table 22.02-- DETAILED MANUFACTURING STATISTICS
(NAICS 31-33): 2007 AND 2012**

[Statistics based on the 2012 North American Industry Classification System (NAICS)]

Item	Year	
	2007	2012
Companies 1/	942	764
All establishments 2/	984	796
0 to 19 employees	813	670
20 to 99 employees	148	104
100 employees or more	23	22
All employees 3/	14,127	11,440
Total compensation (\$1,000)	674,489	602,703
Annual payroll	511,486	465,024
Total fringe benefits	163,003	137,679
Employer cost for health insurance (\$1,000)	51,348	51,919
Production workers, average for year	9,487	7,396
Pay period including March 12	9,671	7,374
Pay period including June 12	9,478	7,355
Pay period including September 12	9,416	7,412
Pay period including December 12	9,383	7,443
Production-worker hours (1,000)	17,480	13,640
Production-worker wages (\$1,000)	294,394	257,974
Total cost of materials (\$1,000)	5,812,515	6,740,826
Materials, parts, containers, packaging, etc., used	5,010,642	5,975,005
Resales	632,000	570,928
Purchased fuels	98,510	121,202
Purchased electricity	32,373	43,758
Contract work	38,990	29,933
Quantity of electricity purchased for heat and power (1,000 kWh)	193,390	129,712
Quantity of electricity generated (1,000 kWh)	454,207	(D)
Quantity of electricity sold or transferred (1,000 kWh)	(D)	(D)
Total value of shipments (\$1,000)	8,799,266	(D)
Value of resales	730,979	645,048
Value added (\$1,000)	3,013,731	1,101,021

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**Table 22.02-- DETAILED MANUFACTURING STATISTICS
(NAICS 31-33): 2007 AND 2012 -- Con.**

Item	Value	
	2007	2012
Total inventories, beginning of year (\$1,000)	761,942	781,501
Finished goods	485,768	(D)
Work-in-process	(D)	(D)
Materials and supplies	(D)	188,586
Total inventories, end of year (\$1,000)	776,859	1,025,186
Finished goods	542,393	390,834
Work-in-process	69,898	403,979
Materials and supplies	164,568	230,373
Gross value of depreciable assets (acquisition costs) at beginning of year (\$1,000)	1,788,164	2,698,293
Total capital expenditures (new and used)	86,735	108,404
Buildings and other structures	15,982	12,834
Machinery and equipment	70,753	95,570
Automobiles, trucks, etc., for highway use	6,713	5,922
Computers and peripheral data processing equipment	8,606	5,513
All other expenditures for machinery and equipment	55,434	84,135
Total retirements	88,206	26,143
Gross value of depreciable assets at end of year (\$1,000)	1,786,693	2,780,554
Depreciation charges during year (\$1,000)	83,345	160,578
Total rental payments (\$1,000)	49,759	60,822
Buildings and other structures	31,654	47,139
Machinery and equipment	18,105	13,683

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

1/ For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

2/ Includes establishments with payroll at any time during the year.

3/ Average number of production workers for pay period that includes the 12th of March, June, September, and December plus other employees for payroll period that includes the 12th of March.

Source: 2007 Economic Census: EC0731A2, "Manufacturing, Geographic Area Series, Detailed Statistics for the State: 2007" (April 2010) <http://www.census.gov/econ/census07/www/get_data.html>

accessed June 9, 2010; 2012 Economic Census: EC1231A2, "Manufacturing, Geographic Area Series, Detailed Statistics for the State: 2012" (June 2015) <http://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012_US/31A2/0400000US15/naics~31-33> accessed July 1, 2015; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.