

MANUFACTURING

Manufacturing in Hawaii has traditionally been dominated by sugar processing and pineapple canning. This has given rise to the Hawaiian practice of reporting sugar processing and pineapple canning as separate industries and grouping all other manufacturing together as "diversified" manufacturing.

Although pineapple and sugar processing are still extremely important, representing the major portion of Hawaiian manufacturing, there have been many additions to general manufacturing in the past decade. A petroleum refinery, two cement plants, a rolling mill, a concrete plant, flour mill and plastics plant are among the newcomers.

In light manufacturing there are nearly 90 garment manufacturers, several textile printing plants, plastics processors, furniture manufacturers and printing plants. There are many processors of food products, including Hawaiian and Oriental food specialties, guava and passion fruit juice and macadamia nuts.

Primary sources of information on manufacturing in Hawaii include the Department of Planning and Economic Development, Hawaii Manufacturers Association, and the Chamber of Commerce of Hawaii. Publications include the Census of Manufacturers, published every five years with annual sample-based reports, by the U. S. Department of Commerce; and ES 202 quarterly reports of employment and employer contributions to employment security computed by the Department of Labor and Industrial Relations. The Chamber of Commerce and the Hawaii Manufacturer's Association publish directories of manufacturers in Hawaii.

Employment data for manufacturing are given in the Labor and Wages section of the Data Book.

Table 72. -- VALUE OF MANUFACTURING IN HAWAII, FROM TAX BASE DATA: 1958 TO 1967
(in millions of dollars)

Year ending Dec. 31	Receipts from sales of manufacture ¹			Adjusted diversified manufacturing ²
	Sugar processing	Pineapple canning	"Diversified" manufacturing	
1958...	67.4	107.3	103.9	119.5
1959...	113.9	99.0	129.1	133.5
1960...	99.1	96.9	145.7	148.7
1961...	118.4	93.8	168.5	203.0
1962...	135.3	99.1	158.2	240.0
1963...	146.8	99.4	170.5	255.0
1964...	148.1	109.8	178.8	260.0
1965...	152.7	123.8	188.7	281.0
1966...	178.9	105.7	205.5	294.0
1967...	171.2	131.7	218.3	315.0

1. Data for sugar processing, pineapple canning and "diversified" manufacturing are "tax base" data reported by the Department of Taxation. "Diversified" manufacturing represents manufacturing other than sugar and pineapple.

2. Adjusted diversified manufacturing is the figure for "diversified" manufacturing plus the value of sales of petroleum and certain other manufactured goods which are reported under different tax classifications.

Source: Department of Taxation, Tax Base for Certain Taxes, Year Ending December 31 for years shown and Bank of Hawaii, Department of Business Research.

Table 73. -- MANUFACTURING IN HAWAII, BY INDUSTRY CLASSIFICATION: 1967

Product	SIC Code	Number of employing units ¹	Est. number of employees ²	Est. annual wages ² (in millions)
Manufacturing		608	25,724	\$141.6
Food products.	20	199	16,002	85.5
Textiles	22	6	31	.1
Apparel.	23	89	2,516	9.6
Lumber	24	38	605	3.2
Furniture	25	45	520	2.6
Paper	26	8	203	1.1
Printing	27	77	2,300	14.4
Chemicals	28	17	490	3.4
Petroleum	29	1	209	1.9
Rubber & plastics	30	3	22	.1
Leather products.	31	11	135	.5
Stone, clay & glass.	32	30	1,398	10.6
Metals, primary	33	3	176	1.4
Metal products	34	19	630	4.0
Machinery	35	11	97	.7
Electrical equip.	36	3	10	.1
Transportation equip.	37	8	137	1.0
Instruments	38	7	38	.2
Miscellaneous.	39	33	260	1.1

1. Based on 3rd quarter data.

2. Estimated on basis of first three quarters.

Source: Department of Labor and Industrial Relations, ES 202 Report of Employment, Wages and Contributions, quarterly reports for 1967.

Table 74. -- MANUFACTURING IN HAWAII, SELECTED YEARS: 1958 TO 1963

Year	Number of establishments	Number of employees ¹	Annual payroll	Value added by manufacture	Capital expenditures new
			(in millions of dollars)		
1958...	609	23,896	82.2	164.9	17.2
1959...	NA	25,962	93.1	197.1	D
1960...	NA	23,456	89.4	183.2	60.6
1961...	NA	23,238	93.4	204.5	31.5
1962...	NA	22,645	94.0	199.0	14.2
1963...	657	24,960	106.8	254.4	16.1

D. Data withheld to avoid disclosure.

1. Total employment.

Source: U. S. Department of Commerce, Bureau of the Census, Census of Manufacturers, 1963 MC63 (P) S12.

Table 75. -- MANUFACTURING IN HAWAII, BY COUNTY: 1963

Area	Number of establishments	Number of employees ¹	Payroll (\$1,000)	Value added by manufacture (\$1,000)	Capital expenditures new (\$1,000)
State.	657	24,960	106,808	254,454	16,132
City-County of Honolulu	512	17,690	77,662	168,563	9,409
County of Hawaii.	78	2,368	10,530	35,330	1,460
County of Kauai	23	1,770	6,611	18,644	1,313
County of Maui	44	3,132	12,005	31,917	3,950

1. Total employees and total payroll.

Source: U. S. Department of Commerce, Bureau of the Census, Census of Manufacturers, 1963. MC 63 (P) S12.