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Section 22

MANUFACTURES

This section presents statistics on the manufacturing segment of the economy, including sugar processing and pineapple canning. Additional information on manufacturing workers appears in Sections 12 and 15.

Sources for data on this subject include the *U.S. Census Bureau's 2017 Economic Census* and *Annual Survey of Manufactures*, publications of the Hawaii State Department of Agriculture and the Hawaii State Department of Taxation, and the *Hawaiian Sugar Manual* of the former Hawaiian Sugar Planters' Association, now the Hawaii Agriculture Research Center. *Historical Statistics of Hawaii*, Section 16, contains the figures for earlier years. Statistics for the nation as a whole appear in Section 21 of the *Statistical Abstract of the United States: 2012*.

Table 22.01-- STATISTICAL SUMMARY OF MANUFACTURES (NAICS 31-33): 2016 AND 2018 TO 2021

[In millions of dollars unless otherwise noted. Includes only establishments of firms with payroll. 2016 statistics based on the 2012 North American Industry Classification System (NAICS). 2018 to 2021 statistics based on the 2017 North American Industry Classification System (NAICS)]

| Subject | 2016 | 2018 | 2019 | 2020 | 2021 |
|----------------------------|---------|---------|---------|---------|---------|
| All employees | | | | | |
| Number (1,000) | 11.5 | 11.5 | 11.1 | 10.3 | 10.5 |
| Annual payroll | 568.3 | 561.5 | 561.1 | 490.3 | 514.0 |
| Production workers | | | | | |
| Number (1,000) | 7.1 | 7.9 | 7.7 | 6.9 | 7.1 |
| Annual hours (1,000) | 13.8 | 14.6 | 14.5 | 11.7 | 12.3 |
| Annual wages | 311.9 | 346.6 | 346.1 | 297.8 | 309.5 |
| Value added by manufacture | 2,092.8 | 2,414.0 | 2,270.6 | 1,582.2 | 2,350.7 |
| Cost of materials | 3,543.4 | 4,696.2 | 4,429.8 | 3,070.8 | 3,680.2 |
| Value of shipments | 5,686.3 | 7,019.7 | 6,628.1 | 4,821.9 | 5,798.6 |
| Total capital expenditures | 129.6 | 201.8 | 331.4 | 90.9 | 71.4 |

Source: U.S. Census Bureau, *Annual Survey of Manufactures, Geographic Area Statistics* (annual) https://data.census.gov/table?q=am1831basic02&g=040XX00US15 accessed June 16, 2023.

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

Continued on next page.

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.

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%20 Manufacturing%3A%20Summary%20Statistics%20for%20the%20U.S.,%20States,%20and%20Selected%20 Geographies%3A%202017&g=0400000US15&hidePreview=true&tid=ECNBASIC2017.EC1731BASIC>accessed June 8, 2021.

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

Table 22.03-- STATISTICAL SUMMARY OF MANUFACTURING (NAICS 31-33), BY COUNTY: 2017

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

| | | City and County of | | | |
|----------------------------|-------------|-----------------------|---------|---------|--------|
| Subject | State total | Honolulu | Hawaii | Maui | Kauai |
| All establishments 1/ | 783 | 501 | 110 | 120 | 52 |
| All employees | | | | | |
| Number | 11,850 | 9,240 | 1,433 | 845 | 332 |
| Annual payroll (\$1,000) | 558,523 | 439,008 | 66,728 | 40,789 | 11,998 |
| γ γ (γ ., ο ο ο) | 555,525 | , | 33,123 | ,. | , |
| Production workers | | | | | |
| Number 2/ | 8,171 | 6,342 | 1,046 | 561 | 222 |
| Annual hours (1,000) | 14,983 | 11,662 | 1,871 | 1,122 | 328 |
| Annual wages (\$1,000) | 343,507 | 270,937 | 40,508 | 25,007 | 7,055 |
| 3 (, , , | , | , | , | , | , |
| Value added by manufacture | | | | | |
| (\$1,000) | 2,251,458 | (NA) | (NA) | (NA) | (NA) |
| , | | , , | , , | , , | , , |
| Cost of materials 3/ | | | | | |
| (\$1,000) | 4,049,336 | 3,663,851 | 260,153 | 102,171 | 23,161 |
| | | | | | |
| Value of shipments 3/ | | | | | |
| (\$1,000) | 6,055,913 | 5,325,424 | 447,348 | 220,436 | 62,705 |
| | | | | | |
| Total capital expenditures | | | | | |
| (\$1,000) | 136,148 | (NA) | (NA) | (NA) | (NA) |
| | | | | | |

NA Not available.

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%20 Manufacturing%3A%20Summary%20Statistics%20for%20the%20U.S.,%20States,%20and%20Selected%20 Geographies%3A%202017&g=0400000US15&hidePreview=true&tid=ECNBASIC2017.EC1731BASIC>accessed June 8, 2021.

^{1/} Includes establishments with payroll at any time during the year.

^{2/} For pay period including March 12.

^{3/} Aggregate of cost of materials and value of shipments include extensive duplication since products of some industries are used as materials by others.

Table 22.04-- MANUFACTURING, BY SELECTED INDUSTRY GROUP (NAICS 31-33): 2021

[Includes only establishments of firms with payroll. Statistics based on the 2017 North American Industry Classification System (NAICS)]

| Subject | Total | Food NAICS 311 | Beverage and tobacco product NAICS 312 | Wood product NAICS 321 | Non- metallic mineral NAICS 327 | Fabricated metal product NAICS 332 |
|---------------------------------------|-----------|---------------------------------------|--|------------------------------|--|---|
| | | | | | | |
| All employees | | | | | | |
| Number | 10,501 | 3,856 | 1,257 | 329 | 956 | 380 |
| Annual payroll (\$1,000) | 513,976 | 154,712 | 60,364 | 14,231 | 65,930 | 26,803 |
| Production workers Number 1/ | 7,141 | 2,437 | 925 | 238 | 681 | 247 |
| Annual hours (1,000) | 12,322 | 3,630 | 1,766 | 453 | 1,280 | 520 |
| | | · · · · · · · · · · · · · · · · · · · | · · | | | |
| Annual wages (\$1,000) | 309,471 | 79,979 | 40,949 | 8,583 | 47,391 | 13,744 |
| Total cost of materials (\$1,000) 2/ | 3,680,176 | 541,350 | 101,581 | 76,880 | (D) | (D) |
| Total value of shipments (\$1,000) 2/ | 5,798,570 | 1,016,175 | 299,062 | 137,145 | 347,674 | 113,477 |
| Value added (\$1,000) | 2,350,726 | 477,531 | 208,206 | (D) | (D) | 71,982 |
| Capital expenditures | 71,434 | (D) | 11,488 | 4,595 | 14,525 | 5,248 |

D Withheld to avoid disclosing data for individual companies.

Source: U.S. Census Bureau, *Annual Survey of Manufactures, Geographic Area Statistics* (annual) https://data.census.gov/table?q=am1831basic02&g=040XX00US15&n=31-33:N0300.00&tid=ASMAREA2017.AM1831BASIC02&nkd=YEAR~2021 accessed June 16, 2023.

^{1/} For pay period including March 12.

^{2/} Aggregate of total cost of materials and total value of shipments includes extensive duplication, since products of some industries are used as materials of others.

Table 22.05-- MANUFACTURING EMPLOYMENT AND WAGES (NAICS 31-33), BY SELECTED NAICS CODE: 2023

[Includes only establishments with payroll. Statistics based on the 2017 North American Industry Classification System (NAICS)]

| | | | Annual | Total | |
|-------|--|------------|---------|-----------|-----------|
| | | Average | average | annual | Annual |
| NAICS | | establish- | employ- | wages | wages per |
| code | Industry | ments | ment | (\$1,000) | employee |
| | - | 4 4 4 4 | 40.550 | 004.400 | 54.504 |
| | Total | 1,144 | 12,552 | 684,400 | 54,524 |
| 311 | Food | 414 | 5,946 | 246,233 | 41,414 |
| 3112 | Grain and oilseed milling | 4 | 32 | 773 | 23,911 |
| 3113 | Sugar & confectionery product | 37 | 620 | 25,429 | 40,997 |
| 3114 | Fruit & vegetable preserving & specialty | 25 | 258 | 11,398 | 44,107 |
| 3115 | Dairy product | 24 | 447 | 22,013 | 49,219 |
| 3116 | Animal slaughtering & processing | 25 | 512 | 23,713 | 46,337 |
| 3118 | Bakeries & tortilla | 170 | 2,257 | 87,284 | 38,675 |
| 3119 | Other food | 126 | 1,777 | 73,678 | 41,454 |
| 312 | Beverage and tobacco product | 51 | 1,155 | 65,688 | 56,894 |
| 314 | Textile product mills | 28 | 162 | 8,326 | 51,260 |
| 3141 | Textile furnishings mills | 4 | 83 | 4,517 | 54,698 |
| 3149 | Other textile product mills | 24 | 80 | 3,808 | 47,704 |
| 315 | Apparel | 56 | 313 | 12,001 | 38,322 |
| 3152 | Cut and sew apparel | 52 | 309 | 11,843 | 38,317 |
| 3159 | Apparel accessories and other apparel | 4 | 4 | 158 | 38,658 |
| 316 | Leather and allied product | 9 | 74 | 2,981 | 40,427 |
| 3169 | Other leather and allied product | 5 | 29 | 1,745 | 59,817 |
| 3212 | Veneer, plywood & engineered wood | | | | |
| | product | 6 | 98 | 4,574 | 46,555 |
| 322 | Paper | 3 | 86 | 4,936 | 57,286 |
| 323 | Printing & related support activities | 106 | 561 | 23,285 | 41,482 |
| 325 | Chemical | 58 | 412 | 25,884 | 62,787 |
| 3251 | Basic chemical | 18 | 213 | 14,910 | 70,084 |
| 3253 | Pesticide, fertilizer, and other agriculture | | | | |
| | chemical | 6 | 74 | 3,828 | 51,842 |
| 3256 | Soap, cleaning compound & toiletry | 23 | 108 | 4,755 | 43,956 |
| 326 | Plastics & rubber products | 20 | 259 | 16,201 | 62,554 |
| 327 | Nonmetallic mineral product | 48 | 740 | 65,822 | 88,978 |
| 3273 | Cement & concrete product | 22 | 608 | 57,698 | 94,859 |
| 3279 | Other nonmetallic mineral products | 16 | 84 | 5,267 | 62,514 |
| 332 | Fabricated metal product | 48 | 299 | 20,097 | 67,325 |
| 3323 | Architectural and structural metals | 31 | 188 | 13,230 | 70,248 |
| 3328 | Coating, engraving & heat treating metals | 6 | 21 | 1,075 | 51,411 |
| | | | | | |

Continued on next page.

Table 22.05-- MANUFACTURING EMPLOYMENT AND WAGES (NAICS 31-33), BY SELECTED NAICS CODE: 2023 -- Con.

| NAICS code | Industry | Average establish- ments | Annual average employ- ment | Total annual wages (\$1,000) | Annual wages per employee |
|---------------|--|--------------------------------|--------------------------------------|---------------------------------------|---------------------------------|
| 334 | Computer & electronic product | 19 | 218 | 19,822 | 90,788 |
| 3344 | Semiconductor and other electronic | | | -,- | , |
| | component | 4 | 24 | 2,320 | 96,659 |
| 3345 | Navigational, measuring, electromedical, | | | | |
| | and control instruments | 6 | 177 | 15,421 | 86,921 |
| 3346 | Reproducing magnetic and optical media | 6 | 8 | 1,162 | 154,983 |
| 336 | Transportation equipment | 31 | 621 | 56,594 | 91,208 |
| 3366 | Ship & boat building | 23 | 614 | 55,633 | 90,594 |
| 337 | Furniture & related product | 58 | 342 | 18,302 | 53,581 |
| 3371 | Household and institutional furniture | 48 | 279 | 14,829 | 53,087 |
| 339 | Miscellaneous | 156 | 776 | 36,441 | 46,940 |
| 3391 | Medical equipment & supplies | 30 | 167 | 8,492 | 50,824 |
| 3399 | Other miscellaneous | 127 | 609 | 27,950 | 45,875 |

Source: U.S. Bureau of Labor Statistics, *Quarterly Census of Employment and Wages* https://data.bls.gov/cew/apps/data_views/data_views.htm#tab=Tables accessed July 6, 2024.

Table 22.06-- GENERAL EXCISE TAX BASE FOR MANUFACTURING: 1987 TO 2023

[In thousands of dollars. Data exclude sugar processing, pineapple canning, and petroleum refining, and are on a cash basis accounting. Manufactured goods shipped out of State were exempted from the general excise tax by Act 239, SLH 1987, effective January 1, 1988. Calendar year in which reported, including "prior years" reports. Income received in December is reported the following January, hence these annual totals generally refer to income received in the 12-month period ending November 30]

| Year | Tax base | Year | Tax base | Year | Tax base |
|------|----------|------|----------|------|----------|
| 1987 | 595,140 | 2000 | 586,039 | 2013 | 655,222 |
| 1988 | 629,303 | 2001 | 611,292 | 2014 | 701,988 |
| 1989 | 630,997 | 2002 | 612,658 | 2015 | 750,372 |
| 1990 | 728,387 | 2003 | 638,863 | 2016 | 689,126 |
| 1991 | 714,407 | 2004 | 642,245 | 2017 | 733,105 |
| 1992 | 714,470 | 2005 | 738,573 | 2018 | 607,793 |
| 1993 | 717,423 | 2006 | 781,626 | 2019 | 587,979 |
| 1994 | 618,238 | 2007 | 766,208 | 2020 | 558,052 |
| 1995 | 614,771 | 2008 | 795,352 | 2021 | 446,034 |
| 1996 | 622,889 | 2009 | 752,237 | 2022 | 473,407 |
| 1997 | 581,259 | 2010 | 708,787 | 2023 | 449,998 |
| 1998 | 535,371 | 2011 | 695,442 | | |
| 1999 | 585,305 | 2012 | 646,969 | | |
| 1 | | | | | |

Source: Hawaii State Department of Taxation, "General Excise and Use Tax Base" (annual). Beginning in 1997, Full Monthly Tax Reports By Year https://tax.hawaii.gov/stats/a5_3txcolrpt/ accessed July 24, 2024.

Table 22.07-- 25 LARGEST INDUSTRIAL AND HIGH-TECHNOLOGY PARKS, BY ISLAND: 2010 TO 2013

[Since the 2013-2014 edition, the Book of Lists does not include Industrial & Technology Parks]

| Subject | State total | Hawaii | Maui | Molokai | Oahu | Kauai |
|--|--|---------------------------------------|------------------------------------|------------------------------------|--|---------------------------------|
| 2010 | | | | | | |
| Number of parks Total acres Developed acres Number of tenants 1/ Number of owners 2/ | 25 4,983.52 2,932.10 1,125 537 | 4 1,864.22 569.50 207 111 | 5 777.30 205.30 20 194 | 1 16.50 6.70 (NA) 9 | 13 2,256.50 2,081.60 883 213 | 2 69.00 69.00 15 10 |
| 2011 | | | | | | |
| Number of parks Total acres Developed acres Number of tenants 3/ Number of owners 4/ | 25 4,753.38 2,917.68 733 438 | 4 1,864.00 609.00 216 111 | 5 701.30 251.30 20 145 | 1 16.50 6.70 (NA) 9 | 13 2,102.58 1,981.68 482 163 | 2 69.00 69.00 15 10 |
| 2012 | | | | | | |
| Number of parks Total acres Developed acres Number of tenants 3/ Number of owners 5/ | 25 4,748.88 2,927.38 721 377 | 4 1,864.00 614.00 212 111 | 5 701.30 251.30 20 90 | 1 16.50 (NA) (NA) (NA) | 13 2,098.08 1,993.08 474 166 | 2 69.00 69.00 15 10 |
| 2013 6/ | | | | | | |
| Number of parks Total acres Developed acres Number of tenants 7/ Number of owners 5/ | 25 4,907.20 3,021.70 691 408 | 4 1,864.00 614.00 212 111 | 5 701.30 251.30 20 90 | 1 16.50 (NA) (NA) (NA) | 13 2,256.40 2,087.40 444 197 | 2 69.00 69.00 15 10 |

NA Not available.

^{1/} Data on number of tenants not available for 8 parks: 4 on Maui, 1 on Molokai, 2 on Oahu and 1 on Kauai.

^{2/} Data on number of owners not available for 3 parks: 1 on Maui, 1 on Oahu and 1 on Kauai.

^{3/} Data on number of tenants not available for 9 parks: 4 on Maui, 1 on Molokai, 3 on Oahu and 1 on Kauai.

^{4/} Data on number of owners not available for 7 parks: 2 on Maui, 4 on Oahu and 1 on Kauai.

^{5/} Data on number of owners not available for 9 parks: 3 on Maui, 1 on Molokai, 4 on Oahu and 1 on Kauai.

^{6/} Data revised from original list published in Vol. 51, No. 33 (October 11, 2013), p. 18.

^{7/} Data on number of tenants not available for 10 parks: 4 on Maui, 1 on Mokokai, 4 on Oahu and 1 on Kauai. Source: *Pacific Business News*, Vol. 47, No. 46 (January 8, 2010), p. 15; Vol. 48, No. 47 (January 14, 2011), p. 16; Vol. 50, No. 32 (October 5, 2012), p. 18; Vol. 51, No. 33 (October 11, 2013), p. 18; and *Book of Lists* (2014) Vol. 51, No. 43 (December 20, 2013), p. 76.

Table 22.08-- PINEAPPLE COMPANIES AND CANNERIES, AND SUGAR COMPANIES AND MILLS, 1955 TO 2023; AND BY ISLAND: 2023

| | Pinea (end of cann | apple iing season) | | gar nber 31) |
|--------------|-----------------------|-----------------------|--------------|-----------------|
| Year | Companies | Canneries | Companies 1/ | Mills |
| 1955 | 10 | 8 | 28 | 26 |
| 1960 | 8 | 9 | 27 | 27 |
| 1965 | 6 | 6 | 25 | 27 |
| 1970 | 4 | 4 | 23 | 26 |
| 1975 | 3 | 3 | 16 | 17 |
| 1980 | 3 | 3 | 15 | 14 |
| 1985 | 3 | 2 | 14 | 12 |
| 1990 | 4 | 2 | 12 | 12 |
| 1995 2000 | 3 3 | 1 1 | 8 | 10 4 |
| 2005 | 3 | 1 | 2 | 2 |
| 2003 | 3 | ' | 2 | 2 |
| 2008 | 2 | - | 2 | 2 |
| 2009 | 2 | - | 1 | 1 |
| 2010 2011 | 2/ 2 2/ 2 | - | 1 1 | 1 |
| 2011 | 2/ 2 | - | 1 | 1 |
| 2013 | 2/ 2 | _ | 1 | 1 |
| 2014 | 2/ 2 | - | 1 | 1 |
| 2015 | 2/ 2 | - | 1 | 1 |
| 2016 | 2/ 2 | - | 3/ 1 | 3/ 1 |
| 2017 | 2/ 2 | - | - | - |
| 2018 | 2/ 2 | - | - | - |
| 2019 | 2/ 2 | - | - | - |
| 2020 | 2/ 2 | - | - | - |
| 2021 | 2/ 2 | - | - | - |
| 2022 | 2/ 2 | - | - | - |
| 2023 | 2/ 2 | - | - | - |
| ISLAND: 2023 | | | | |
| Hawaii | _ | _ | _ | _ |
| Maui | 1 | - | - | - |
| Oahu | 1 | - | - | - |
| Kauai | - | - | - | - |
| | | | | |

^{1/} In operation; excludes cooperatives.

^{2/} Includes Dole Food Company Hawaii and Maui Gold Pineapple Company, might exclude smaller diversified farms.

^{3/} Hawaiian Commercial & Sugar Company closed its sugar operation at the end of 2016. Source: Pineapple Growers Association of Hawaii, records; *Hawaiian Sugar Manual* (annual); Dole Food Company, records; Hawaii Agriculture Research Center, records; and Hawaiian Commercial & Sugar Company, records.

Table 22.09-- SUGAR AND MOLASSES PRODUCTION: 1991 TO 2016

| | Cane land (acres) | | | • . | roduced : tons) | |
|---------|-------------------|-------------------|--|------------------|--------------------|--------------------------------------|
| Year | Total area | Harvested area 1/ | Cane used for sugar (short tons) | 96° raw value | Equivalent refined | Molasses produced (short tons) |
| | | | , | | | |
| 1991 | 155,609 | 67,716 | 5,852,668 | 724,100 | 676,744 | 202,214 |
| 1992 | 145,790 | 62,123 | 5,432,286 | 652,304 | 609,643 | 203,739 |
| 1993 | 121,322 | 64,705 | 5,506,072 | 677,405 | 633,103 | 211,658 |
| 1994 | 98,413 | 64,951 | 5,268,859 | 658,538 | 615,470 | 200,835 |
| 1995 | 81,957 | 48,507 | 3,952,347 | 492,346 | 460,147 | 163,305 |
| 1996 | 68,816 | 36,769 | 3,542,460 | 437,262 | 408,665 | 145,369 |
| 1997 | 67,820 | 32,033 | 2,923,594 | 356,917 | 333,575 | 131,173 |
| 1998 | 67,585 | 30,347 | 2,725,744 | 353,893 | 330,748 | 125,909 |
| 1999 | 60,758 | 35,329 | 2,891,499 | 367,532 | 343,495 | 141,481 |
| 2000 | 43,821 | 30,194 | 2,364,357 | 301,165 | 281,469 | 101,329 |
| 2001 | 50,410 | 19,293 | 1,876,613 | 246,203 | 230,101 | 85,894 |
| 2002 | 47,476 | 21,311 | 2,108,810 | 270,084 | 252,421 | 89,885 |
| 2003 | 47,733 | 19,851 | 2,029,761 | 261,009 | 243,939 | 89,631 |
| 2004 | 43,465 | 21,790 | 1,978,821 | 257,866 | 241,002 | 80,466 |
| 2005 | 40,145 | 21,735 | 1,754,581 | 252,342 | 235,839 | 72,675 |
| 2006 | 42,080 | 20,413 | 1,614,691 | 213,185 | 199,243 | 65,505 |
| 2007 | 41,762 | 20,385 | 1,492,357 | 206,008 | 192,535 | 62,231 |
| 2008 | 39,663 | 20,426 | 1,422,296 | 185,171 | 173,061 | 62,278 |
| 2009 | 39,812 | 20,244 | 2/ 973,876 | 176,208 | 164,684 | 2/ 40,631 |
| 2010 | 34,693 | 15,488 | 1,195,345 | 171,949 | 160,704 | 50,161 |
| 2011 | 35,532 | 15,063 | 1,286,373 | 182,582 | 169,801 | 51,106 |
| 2012 | 36,746 | 15,867 | 1,259,453 | 178,549 | 166,872 | 49,300 |
| 2013 | 35,556 | 15,443 | 1,351,087 | 191,351 | 178,837 | 53,365 |
| 2014 | 35,556 | 14,193 | 1,261,235 | 161,525 | 172,828 | 51,615 |
| 2015 | 35,556 | 12,907 | 1,146,996 | 137,556 | 137,556 | 45,605 |
| 2016 3/ | 17,500 | 15,485 | 1,334,442 | 157,391 | 157,391 | 56,599 |

^{1/} The average growth of a crop is 22 to 26 months. Only a portion of the total acreage in cane is harvested each year.

Source: Hawaiian Sugar Planters' Association, *Hawaiian Sugar Manual* (annual), and records; Hawaii Agriculture Research Center, records; and Hawaiian Commercial & Sugar Company, records.

^{2/} Gay & Robinson data not available.

^{3/} Hawaiian Commercial & Sugar Company ended its sugar operation at the end of 2016.