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Section 21

CONSTRUCTION AND HOUSING

This section presents statistics on construction activity and costs, the size and composition of the housing inventory, occupancy of housing units and office buildings, home sales, and residential financing. Related series are included in Sections 6 (land use) and 14 (prices).

compiled by state and county agencies (primarily the Hawaii State Department of Business, Economic Development & Tourism; Hawaii State Department of Commerce and Consumer Affairs; Hawaii State Department of Taxation; the Hawaii Housing Finance and Development Corporation; the Hawaii Public Housing Authority; the Hawaii Bureau of Conveyances; and the four county building departments) and local real estate companies. Persons interested in figures for earlier periods should consult *Historical Statistics of Hawaii*, Section 15.

Table 21.01-- NUMBER AND VALUE OF BUILDING PERMITS, BY COUNTY: 2006 TO 2019

| Year | State total 1/ | City and County of Honolulu | Hawaii County | Kauai County 1/ | Maui County |
|---------------------------------|----------------|-----------------------------|---------------|-----------------|-------------|
| Number issued 2/ | | | | | |
| 2006 | 24,117 | 16,019 | 5,184 | 510 | 2,404 |
| 2007 | 21,248 | 13,954 | 4,580 | 518 | 2,196 |
| 2008 | 21,164 | 15,001 | 4,324 | 232 | 1,607 |
| 2009 | 18,154 | 13,794 | 2,990 | 240 | 1,130 |
| 2010 | 18,197 | 14,254 | 2,756 | 171 | 1,016 |
| 2011 | 21,523 | 17,712 | 2,603 | 132 | 1,076 |
| 2012 | 35,136 | 29,142 | 4,590 | 235 | 1,169 |
| 2013 | 32,246 | 26,568 | 4,320 | 158 | 1,200 |
| 2014 | 24,806 | 18,541 | 4,811 | 187 | 1,267 |
| 2015 | 27,051 | 20,146 | 5,426 | 199 | 1,280 |
| 2016 | 21,783 | 16,983 | 3,393 | 229 | 1,178 |
| 2017 | 19,286 | 14,759 | 2,943 | 236 | 1,348 |
| 2018 | 18,813 | 13,835 | 3,514 | 232 | 1,232 |
| 2019 | 21,074 | 16,405 | 3,186 | 176 | 1,307 |
| Estimated value 2/ (\$1,000) | | | | | |
| 2006 | 3,770,051 | 1,625,328 | 926,019 | 239,294 | 979,412 |
| 2007 | 3,585,447 | 1,676,232 | 912,529 | 268,915 | 727,772 |
| 2008 | 2,906,578 | 1,481,272 | 704,317 | 277,149 | 443,840 |
| 2009 | 1,998,908 | 1,247,196 | 309,165 | 218,111 | 224,437 |
| 2010 | 1,980,296 | 1,357,314 | 360,328 | 68,047 | 194,607 |
| 2011 | 1,858,763 | 1,272,923 | 282,638 | 59,520 | 243,683 |
| 2012 | 2,643,840 | 1,769,454 | 427,394 | 79,998 | 366,994 |
| 2013 | 2,720,519 | 1,866,352 | 443,739 | 85,413 | 325,014 |
| 2014 | 3,315,078 | 2,072,202 | 697,063 | 102,195 | 443,617 |
| 2015 | 3,963,607 | 2,436,954 | 689,454 | 105,707 | 731,491 |
| 2016 | 3,240,649 | 2,141,467 | 576,015 | 138,481 | 384,686 |
| 2017 | 3,127,828 | 2,007,815 | 497,218 | 145,266 | 477,528 |
| 2018 | 3,268,292 | 1,985,648 | 578,662 | 144,149 | 559,832 |
| 2019 | 3,221,446 | 2,063,293 | 552,078 | 123,067 | 483,008 |

1/ Prior to 2002, Kauai County data were obtained from the Kauai County Building Department. Beginning in 2002, Kauai County estimates are the sum of monthly U.S. Census Bureau residential data only and may differ from annual model-based Census Bureau data.

2/ Includes residential, hotel, non-residential and additions and alterations permits. Other types of permits such as for demolitions are not included.

Source: County building departments and U.S. Census Bureau, building permits data.

**Table 21.02-- VALUE OF BUILDING PERMITS, BY TYPE, BY COUNTY:
2016 TO 2019**

[In thousands of dollars]

| Category | State total 1/ | City and County of Honolulu | Hawaii County | Kauai County 1/ | Maui County |
|---------------------------|----------------|-----------------------------|---------------|-----------------|-------------|
| 2016 | | | | | |
| Total | 3,240,649 | 2,141,467 | 576,015 | 138,481 | 384,686 |
| Residential | 1,447,978 | 745,437 | 371,084 | 138,481 | 192,976 |
| Hotel | 6,000 | 6,000 | - | (NA) | - |
| Non-residential | 204,952 | 62,303 | 43,070 | (NA) | 99,579 |
| Additions and alterations | 1,581,719 | 1,327,727 | 161,861 | (NA) | 92,131 |
| 2017 | | | | | |
| Total | 3,127,828 | 2,007,815 | 497,218 | 145,266 | 477,528 |
| Residential | 1,504,674 | 869,555 | 279,915 | 145,266 | 209,937 |
| Hotel | 15,700 | 15,700 | - | (NA) | - |
| Non-residential | 380,150 | 211,720 | 48,693 | (NA) | 119,738 |
| Additions and alterations | 1,227,303 | 910,840 | 168,610 | (NA) | 147,853 |
| 2018 | | | | | |
| Total | 3,268,292 | 1,985,648 | 578,662 | 144,149 | 559,832 |
| Residential | 1,395,836 | 679,700 | 331,599 | 144,149 | 240,388 |
| Hotel | 69,718 | - | 2,200 | (NA) | 67,518 |
| Non-residential | 332,443 | 129,844 | 64,926 | (NA) | 137,673 |
| Additions and alterations | 1,470,295 | 1,176,104 | 179,937 | (NA) | 114,253 |
| 2019 | | | | | |
| Total | 3,221,446 | 2,063,293 | 552,078 | 123,067 | 483,008 |
| Residential | 1,211,631 | 593,090 | 277,418 | 123,067 | 218,056 |
| Hotel | 71,108 | 24,883 | - | (NA) | 46,225 |
| Non-residential | 281,609 | 122,296 | 83,524 | (NA) | 75,789 |
| Additions and alterations | 1,657,098 | 1,323,024 | 191,136 | (NA) | 142,938 |

NA Not available.

1/ Totals do not include hotel, non-residential and additions/alterations data for Kauai County. Only Kauai County residential data was available from the U.S. Census Bureau. Kauai County estimates are the sum of monthly U.S. Census Bureau residential data only and may differ from annual model-based Census Bureau data.

Source: County building departments and U.S. Census Bureau, building permits data.

**Table 21.03-- ACCEPTED VALUE PER HOUSING UNIT, BY COUNTY:
2018 AND 2019**

[Excludes building permits for additions, alterations and repair. "Per value" is the cost of construction for which building permits are issued]

| Type of structure | State total | City and County of Honolulu | Hawaii County | Kauai County | Maui County |
|-------------------|-------------|-----------------------------|---------------|--------------|-------------|
| 2018 | | | | | |
| One-family | 364,466 | 386,648 | 317,138 | 540,097 | 361,321 |
| Two-family | 352,754 | 381,061 | 208,512 | 372,119 | 247,936 |
| Multi-family 1/ | 202,934 | 196,354 | 65,833 | 208,374 | 225,589 |
| 2019 | | | | | |
| One-family | 394,104 | 406,128 | 353,955 | 703,923 | 332,582 |
| Two-family | 453,271 | 506,858 | - | 249,005 | 232,205 |
| Multi-family | 225,226 | 210,758 | 125,000 | - | 338,293 |

1/ Hawaii County estimate based on one permit issued for a 6-unit apartment.

Source: County building departments and U.S. Census Bureau, building permits data.

**Table 21.04-- GENERAL EXCISE TAX BASE FOR CONTRACTING,
BY TAXATION DISTRICT: 1997 TO 2019**

[Data are on a cash basis accounting. 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. Taxation districts cover the same areas as counties]

| Year | State total | Oahu | Maui | Hawaii | Kauai |
|------|---------------|---------------|-------------|-------------|-------------|
| 1997 | 2,944,426,975 | 2,550,529,925 | 161,468,800 | 165,146,225 | 67,282,025 |
| 1998 | 3,015,976,700 | 2,570,586,400 | 193,365,375 | 180,875,700 | 71,149,225 |
| 1999 | 2,991,200,575 | 2,377,630,700 | 259,711,650 | 263,906,725 | 89,951,500 |
| 2000 | 3,613,485,025 | 2,800,712,550 | 326,777,275 | 367,672,100 | 118,323,100 |
| 2001 | 3,766,403,750 | 2,832,649,550 | 360,568,625 | 446,027,500 | 127,158,075 |
| 2002 | 4,274,955,575 | 3,266,988,350 | 364,438,350 | 501,577,600 | 141,951,275 |
| 2003 | 4,536,323,150 | 3,406,143,325 | 425,070,200 | 550,418,975 | 154,690,650 |
| 2004 | 4,921,512,300 | 3,754,257,925 | 452,890,850 | 533,308,625 | 181,054,900 |
| 2005 | 6,023,996,950 | 4,528,358,950 | 608,407,100 | 661,365,400 | 225,865,500 |
| 2006 | 7,223,333,825 | 5,405,648,475 | 728,682,550 | 789,189,250 | 299,813,550 |
| 2007 | 8,072,911,800 | 6,060,562,900 | 828,132,400 | 863,832,825 | 320,383,675 |
| 2008 | 7,987,126,150 | 6,108,692,775 | 750,457,450 | 785,465,450 | 342,510,475 |
| 2009 | 6,641,660,400 | 5,266,870,075 | 574,894,650 | 533,871,075 | 266,024,600 |
| 2010 | 5,589,766,225 | 4,435,203,750 | 500,098,600 | 439,744,725 | 214,719,150 |
| 2011 | 5,837,444,675 | 4,701,571,600 | 485,970,550 | 439,583,975 | 210,318,550 |
| 2012 | 7,006,133,075 | 5,727,310,125 | 584,092,725 | 474,661,300 | 220,068,925 |
| 2013 | 7,329,960,150 | 5,981,165,975 | 603,158,925 | 526,519,650 | 219,115,600 |
| 2014 | 7,024,043,900 | 5,611,443,525 | 662,255,275 | 546,117,525 | 204,227,575 |
| 2015 | 8,112,237,975 | 6,477,255,450 | 747,761,100 | 662,853,275 | 224,368,150 |
| 2016 | 8,288,207,150 | 6,571,972,725 | 801,753,300 | 665,740,700 | 248,740,425 |
| 2017 | 8,384,358,050 | 6,708,683,775 | 796,437,725 | 624,410,250 | 254,826,300 |
| 2018 | 9,455,622,425 | (1/) | (1/) | (1/) | (1/) |
| 2019 | 9,609,275,775 | (1/) | (1/) | (1/) | (1/) |

1/ The Hawaii State Department of Taxation ceased publication of the district (county) detail reports as they were based on the address of the taxpayer and may not have accurately represented where the tax liabilities were actually incurred. In January 2018, DoTx initiated an additional report, "General Excise and Use Tax Liability by District" which will be compiled in a forthcoming Data Book table.

Source: Hawaii State Department of Taxation, General Excise and Use Tax Collections (annual calendar year summary) <http://tax.hawaii.gov/stats/a5_3txcolrptarchive/> accessed September 24, 2020.

Table 21.05-- GENERAL CONSTRUCTION STATISTICS (NAICS 23): 2012

[Includes establishments with payroll. Statistics based on the 2012 North American Industry Classification System (NAICS) which replaced the 2007 NAICS used in the 2007 Economic Census]

| Measure | Amount |
|--|-----------|
| Number of establishments | 2,378 |
| Total number of employees | 27,541 |
| Construction workers | |
| Number in 1/ | |
| March | 18,389 |
| June | 19,524 |
| September | 19,785 |
| December | 20,000 |
| Average | 19,425 |
| Other employees | |
| Number in 1/ | |
| March | 8,292 |
| June | 8,078 |
| September | 8,024 |
| December | 8,072 |
| Average | 8,116 |
| Annual payroll (\$1,000) | 1,564,321 |
| Total fringe benefits (\$1,000) | 511,941 |
| Annual wages (\$1,000) | |
| Construction workers | 1,036,189 |
| Other employees | 528,133 |
| Annual hours (1,000) | |
| Construction workers | 34,525 |
| Total selected costs (\$1,000) | 4,208,435 |
| Materials, components, and supplies | 2,234,407 |
| Construction work subcontracted out to others | 1,892,121 |
| Selected power, fuels, and lubricants | 81,907 |
| Purchased electricity | 13,787 |
| Natural gas and manufactured gas | 985 |
| Gasoline and diesel fuel | 65,013 |
| On-highway use of gasoline and diesel fuel | 46,812 |
| Off-highway use of gasoline and diesel fuel | 18,201 |
| All other fuels and lubricants | 2,122 |
| Value of business done (\$1,000) | 7,938,958 |
| Construction work 2/ | 7,814,295 |
| Construction work on government owned projects | 2,542,142 |
| Federally owned projects | 960,585 |
| State & locally owned projects | 1,581,557 |
| Construction work on privately owned projects | 5,272,153 |
| Other business done | 124,663 |

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Table 21.05-- GENERAL CONSTRUCTION STATISTICS (NAICS 23): 2012 -- Con.

| Measure | Amount |
|--|-----------|
| Value of construction work subcontracted in from others (\$1,000) | 1,833,024 |
| Net value of construction work (\$1,000) | 5,922,174 |
| Value added (\$1,000) | 3,730,523 |
| Total capital expenditures (\$1,000) | 77,545 |
| Total retirements of depreciable assets (\$1,000) | 39,054 |
| Gross value of depreciable assets (acquisition costs), end-of-year (\$1,000) | 1,528,467 |
| Total depreciation during year (\$1,000) | 165,929 |
| Total rental payments or lease payments (\$1,000) 3/ | 107,568 |
| Buildings and other structures | 67,012 |
| Machinery and equipment rentals | 40,556 |
| Total other expenses (\$1,000) | 553,148 |
| Temporary staff and leased employee expenses | 22,742 |
| Expensed computer hardware and other equipment | 7,585 |
| Expensed purchases of software | 1,755 |
| Data processing and other purchased computer services | 7,116 |
| Communication services | 18,717 |
| Repair and maintenance services of buildings and/or machinery | 27,042 |
| Refuse removal (including hazardous waste) services | 8,426 |
| Advertising and promotional services | 11,250 |
| Purchased professional and technical services | 45,728 |
| Taxes and license fees | 125,996 |
| All other operating expenses | 276,791 |

1/ Pay period including the 12th of the month.

2/ In the 1987, 1992, and 1997 censuses, the value of construction work was collected to measure actual construction activity done during the year. Studies have shown that respondents were not able to accurately report these data. In 2007 and 2012, receipts, billings, or sales for construction work was collected. This item includes receipts, billings, or sales for construction work done by building contractors, heavy and civil engineering construction contractors, and specialty trade contractors. Included are new construction, additions, alterations or reconstruction, and maintenance and repair construction work.

3/ Includes the total rental costs for renting and/or leasing construction machinery and equipment, transportation equipment, production equipment, office equipment, furniture and fixtures, scaffolding, office space, and buildings. It excludes costs for the rental of land. It also excludes costs under agreements that in effect are conditional sales contracts such as capital leases. Such costs are included in capital expenditures.

Source: U.S. Census Bureau, 2012 Economic Census, Construction: Geographic Area Series, Detailed Statistics for the State: 2012 <<http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml?ts=445347674499>> accessed April 27, 2015.

Table 21.06-- CHARACTERISTICS OF THE CONSTRUCTION INDUSTRY (NAICS 23): 2012

[Includes establishments with payroll. Statistics based on the 2012 North American Industry Classification System (NAICS) which replaced the 2007 NAICS used in the 2007 Economic Census]

| NAICS code | Kind of business | Estab-lish-ments | No. of employees | | Annual payroll - all employees (\$1,000) | Annual wages - construction workers (\$1,000) | Value of construction work (\$1,000) 3/ |
|------------|---|------------------|------------------|--------------------------------|--|---|---|
| | | | All 1/ | Con-struction workers (avg) 2/ | | | |
| 23 | Total | 2,378 | 27,541 | 19,425 | 1,564,321 | 1,036,189 | 7,814,295 |
| 236 | Construction of buildings | 713 | 7,523 | 4,769 | 450,076 | 250,635 | 3,491,956 |
| 236115 | New single-family housing construction (except for-sale builders) | 213 | 1,259 | 909 | 57,684 | 37,965 | 362,072 |
| 236116 | New multifamily housing construction (except for-sale builders) | 17 | 210 | 120 | 13,483 | 5,610 | 98,138 |
| 236117 | New housing for-sale builders | 74 | 479 | 102 | 32,239 | 6,643 | 609,615 |
| 236118 | Residential remodelers | 208 | 891 | 626 | 34,825 | 23,426 | 131,527 |
| 236210 | Industrial building construction | 4 | 24 | 19 | 1,323 | 943 | 3,188 |
| 236220 | Commercial and institutional building construction | 197 | 4,661 | 2,994 | 310,522 | 176,049 | 2,287,415 |
| 237 | Heavy and civil engineering construction | 105 | 2,639 | 1,714 | 181,249 | 119,842 | 828,345 |
| 237110 | Water and sewer line and related structures construction | 29 | 708 | 448 | 49,844 | 36,325 | 198,597 |
| 237120 | Oil and gas pipeline and related structures construction | 3 | 59 | (D) | (D) | (D) | 7,487 |
| 237130 | Power and communication line and related structures construction | 18 | 341 | 300 | 22,275 | 19,081 | 115,813 |
| 237210 | Land subdivision | 12 | 98 | (D) | (D) | (D) | 53,025 |
| 237310 | Highway, street, & bridge construction | 36 | 1,143 | 743 | 87,955 | 52,784 | 389,040 |
| 237990 | Other heavy and civil engineering construction | 7 | 290 | 131 | 13,081 | (D) | 64,384 |
| 238 | Specialty trade contractors | 1,559 | 17,379 | 12,942 | 932,997 | 665,711 | 3,493,993 |
| 238110 | Pour concrete foundation and structure contractors | 48 | 620 | 511 | 28,839 | 21,873 | 113,955 |
| 238120 | Structural steel and precast concrete contractors | 20 | 409 | 277 | 24,905 | 16,586 | 89,000 |
| 238130 | Framing contractors | 31 | 666 | 551 | 37,268 | 33,526 | 118,980 |
| 238140 | Masonry contractors | 39 | 316 | 289 | 10,614 | 9,178 | 32,374 |
| 238150 | Glass and glazing contractors | 32 | 313 | 180 | 16,000 | 8,737 | 47,973 |
| 238160 | Roofing contractors | 91 | 991 | 813 | 35,761 | 25,480 | 155,849 |
| 238170 | Siding contractors | 15 | 109 | 84 | 4,683 | 3,475 | 13,498 |
| 238190 | Other foundation, structure & building exterior contractors | 16 | 61 | 39 | 2,916 | 1,692 | 10,980 |
| 238210 | Electrical contractors and other wiring installation contractors | 329 | 3,060 | 2,373 | 183,249 | 138,024 | 699,276 |
| 238220 | Plumbing, heating and air-conditioning contractors | 302 | 3,869 | 2,753 | 232,173 | 156,807 | 983,355 |
| 238290 | Other building equipment contractors | 25 | 620 | 312 | 49,092 | 27,397 | 148,859 |
| 238310 | Drywall and insulation contractors | 33 | 1,170 | 935 | 57,970 | 41,844 | 153,746 |
| 238320 | Painting and wall covering contractors | 137 | 1,445 | 994 | 64,225 | 46,848 | 180,454 |
| 238330 | Flooring contractors | 72 | 424 | 321 | 15,468 | 10,993 | 67,983 |

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Table 21.06-- CHARACTERISTICS OF THE CONSTRUCTION INDUSTRY (NAICS 23): 2012 -- Con.

| NAICS code | Kind of business | Estab-lish-ments | No. of employees | | Annual payroll - all employees (\$1,000) | Annual wages - construction workers (\$1,000) | Value of construction work (\$1,000) 3/ |
|------------|---------------------------------------|------------------|------------------|--------------------------------|--|---|---|
| | | | All 1/ | Con-struction workers (avg) 2/ | | | |
| 238 | Specialty trade contractors (con.) | | | | | | |
| 238340 | Tile and terrazzo contractors | 43 | 301 | 252 | 14,792 | 11,534 | 42,402 |
| 238350 | Finish carpentry contractors | 154 | 739 | 470 | 32,892 | 22,165 | 196,546 |
| 238390 | Other building finishing contractors | 14 | 302 | 266 | 12,026 | 9,172 | 41,778 |
| 238910 | Site preparation contractors | 82 | 1,232 | 1,009 | 74,323 | 56,462 | 285,234 |
| 238990 | All other specialty trade contractors | 77 | 732 | 511 | 35,801 | 23,919 | 111,754 |

D Withheld to avoid disclosing data of individual companies.

1/ Includes all permanent full-time and part-time nonleased individuals on the payrolls of construction establishments during any part of the pay period which included the 12th of March, June, September, and December. Excluded are subcontractors and their employees, temporary staffing obtained from a staffing service, and proprietors and partners of unincorporated businesses.

2/ Includes all nonleased payroll workers (up through the working supervisory level) directly engaged in construction operations, such as painters, carpenters, plumbers, and electricians. Supervisory employees above the working foreman level are excluded from this category and are included in the other employees category. The average number of nonleased construction workers is the sum of establishment averages of nonleased construction workers who were on the payroll during the pay periods including the 12th of March, June, September and December.

3/ Receipts, billings, or sales for construction work was collected in 2007 and 2012. This item includes receipts, billings, or sales for construction work done by building contractors, heavy and civil engineering construction contractors, and specialty trade contractors. Included are new construction, additions, alterations or reconstruction, and maintenance and repair construction work.

Source: U.S. Census Bureau, 2012 Economic Census, Construction: Geographic Area Series, Detailed Statistics for the State: 2012 <<https://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml>> accessed April 27, 2015.

Table 21.07-- PRIVATE RESIDENTIAL UNITS CONSTRUCTION AND DEMOLITION AUTHORIZED BY PERMITS, BY COUNTY: 2012 TO 2019

| Category and year authorized | State total | City and County of Honolulu | Other counties | | | |
|--------------------------------|-------------|-----------------------------|----------------|--------|-------|------|
| | | | Total | Hawaii | Kauai | Maui |
| New single family units | | | | | | |
| 2012 | (NA) | 950 | (NA) | 456 | (NA) | 251 |
| 2013 | (NA) | 1,070 | (NA) | 735 | (NA) | 329 |
| 2014 | (NA) | 809 | (NA) | (NA) | 178 | 331 |
| 2015 | 2,241 | 892 | 1,349 | 812 | 201 | 336 |
| 2016 | 1,990 | 716 | 1,274 | 736 | 273 | 265 |
| 2017 1/ | 2,496 | 864 | 1,632 | 764 | 384 | 494 |
| 2018 | 2,457 | 847 | 1,610 | 1,038 | 198 | 374 |
| 2019 | 2,272 | 830 | 1,442 | 757 | 171 | 514 |
| New duplex units | | | | | | |
| 2012 | (NA) | 85 | (NA) | 4 | (NA) | 6 |
| 2013 | (NA) | 104 | (NA) | 2 | (NA) | 4 |
| 2014 | (NA) | 110 | (NA) | (NA) | 10 | 14 |
| 2015 | 176 | 124 | 52 | 32 | - | 20 |
| 2016 | 298 | 236 | 62 | 20 | 2 | 40 |
| 2017 | 373 | 285 | 88 | 7 | 34 | 47 |
| 2018 | 385 | 334 | 51 | 7 | 16 | 28 |
| 2019 | (NA) | 303 | (NA) | (NA) | 5 | 8 |
| New apartment units | | | | | | |
| 2012 | (NA) | 1,037 | (NA) | 59 | (NA) | 249 |
| 2013 | (NA) | 1,505 | (NA) | - | (NA) | 16 |
| 2014 | (NA) | 900 | (NA) | (NA) | 325 | - |
| 2015 | 2,865 | 2,707 | 158 | - | - | 158 |
| 2016 | 1,816 | 1,728 | 88 | 85 | - | 3 |
| 2017 | 2,155 | 1,589 | 566 | 25 | 137 | 404 |
| 2018 | 2,002 | 1,408 | 594 | 6 | 150 | 438 |
| 2019 | (NA) | 1,173 | (NA) | (NA) | 3 | 132 |
| Units demolished | | | | | | |
| 2012 | (NA) | 293 | (NA) | 27 | (NA) | 26 |
| 2013 | (NA) | 277 | (NA) | 35 | (NA) | 30 |
| 2014 | (NA) | 364 | (NA) | (NA) | 9 | 44 |
| 2015 | 423 | 329 | 94 | 54 | 11 | 29 |
| 2016 | 421 | 385 | 36 | 33 | 3 | - |
| 2017 | 406 | 329 | 77 | 40 | 11 | 26 |
| 2018 | (NA) | 239 | (NA) | 754 | (NA) | 32 |
| 2019 | 373 | 266 | 107 | 41 | 25 | 41 |

NA Not available.

1/ Maui County revised from previous *Data Book*.

Source: City and County of Honolulu, Department of Planning and Permitting, "Monthly Bulletin - Building Permits" (annual calendar year data) <<http://www.honoluluodpp.org/ReportsNotices/CalendarYearBulletins.aspx>> and records; County of Hawaii, Department of Public Works, Building Division "Yearly Building Permits - Hawaii County" (annual databases) <<http://records.co.hawaii.hi.us/Weblink8/1/>> and records; County of Kauai, Department of Public Works, Building Division, records; and County of Maui, Department of Public Works, Development Services Administration, records.

Table 21.08-- REVENUES OF TOP CONTRACTORS: 2016 TO 2019

[In millions of dollars. Contractors with the highest Hawaii revenues based on 2019 survey responses. List represents only those companies that responded to requests for information]

| Rank | Contractor | 1/ 2016 | 2017 | 2018 | 2019 |
|------|---|---------|-------|-------|-------|
| 1 | Hawaiian Dredging Construction Co. Inc. | 695.0 | 589.0 | 550.0 | 514.0 |
| 2 | Nan Inc. | 302.5 | 302.9 | 327.5 | 388.0 |
| 3 | Hensel Phelps Construction Co. | 340.0 | 214.0 | 285.0 | 379.2 |
| 4 | Kiewit Infrastructure West Co. | (2/) | 162.0 | 165.0 | 298.5 |
| 5 | Dorvin D. Leis Co. Inc. | 144.0 | 150.9 | 185.2 | 185.0 |
| 6 | Nordic PCL Construction Inc. | 436.9 | 206.7 | 301.0 | 170.0 |
| 7 | Albert C. Kobayashi Inc. | 414.0 | 355.4 | 180.5 | 163.0 |
| 8 | Swinerton Builders | 240.0 | 120.0 | 224.0 | 158.8 |
| 9 | Unlimited Construction Services Inc. | 88.7 | 117.0 | 152.4 | 130.8 |
| 10 | Royal Contracting Co. Ltd. | 61.8 | 102.2 | 83.2 | 96.8 |
| 11 | Wasa Electrical Services Inc. | 92.9 | 100.8 | 87.3 | 90.0 |
| 12 | Allied Builders System | 92.4 | 60.5 | 68.2 | 89.7 |
| 13 | Layton Construction Co. LLC | 221.8 | 254.0 | 158.2 | 83.2 |
| 14 | Arita Poulson General Contracting LLC | 25.0 | 60.9 | 52.1 | 77.5 |
| 15 | Maryl Group Construction, Inc. | (2/) | 44.4 | 35.0 | 74.0 |
| 16 | Group Builders Inc. | 92.8 | 82.1 | 56.2 | 66.0 |
| 17 | Isemoto Contracting Co. Ltd. | 83.4 | 74.7 | 84.5 | 63.8 |
| 18 | Coastal Construction Co. Inc. | 61.9 | 57.5 | 57.2 | 60.0 |
| 19 | Alakai Mechanical Corp. | 88.6 | 81.1 | 58.7 | 59.2 |
| 20 | Shioi Construction Inc. | 68.7 | 66.0 | 52.0 | 59.0 |
| 21 | Ralph S. Inouye Co. Ltd | 66.4 | 66.9 | 52.8 | 56.1 |
| 22 | Metzler Contracting Co. LLC | (2/) | (2/) | (2/) | 49.4 |
| 23 | Honolulu Builders LLC | 31.8 | 24.8 | 47.2 | 42.3 |
| 24 | Healy Tibbitts Builders Inc. | 27.1 | 40.9 | 33.6 | 39.7 |
| 25 | Constructors Hawaii Inc. | (2/) | 20.0 | 26.3 | 36.5 |

1/ Figures furnished in 2017 by the 2016 Top 25 listees.

2/ Not ranked.

Source: *Building Industry*, "Hawaii's Top 25 Contractors" (July 2017) pp. 33 and 49 and "Hawaii's Top 25 Contractors 2018" (July 2018) pp. 33 and 53 <<http://www.tradepublishing.com/building-industry-hawaii/>> accessed July 13, 2018; and "Hawaii's Top Contractors 2019" (July 2019) pp. 31 and 45 <<https://www.tradepublishing.com/wp-content/uploads/2019/07/BI0719.pdf>> accessed July 3, 2019; "Hawaii's Top 25 Contractors" (July 2020) pp. 21 <<https://tradepublishing.com/>> accessed July 8, 2020.

Table 21.09-- HONOLULU CONSTRUCTION COST INDEXES: 1990 TO 2019

[January 1992=100. Data are annual averages]

| Year | Single-family residence | | | High-rise building | | |
|------|-------------------------|-------------------|----------|--------------------|-------------------|----------|
| | All components | Materials' prices | Labor 1/ | All components | Materials' prices | Labor 1/ |
| 1990 | 95.1 | 96.2 | 93.9 | 95.4 | 98.0 | 92.9 |
| 1991 | 98.4 | 99.5 | 97.2 | 99.2 | 101.6 | 97.1 |
| 1992 | 102.7 | 103.8 | 101.4 | 99.5 | 97.1 | 101.5 |
| 1993 | 111.5 | 116.0 | 106.2 | 104.0 | 100.7 | 106.8 |
| 1994 | 121.2 | 129.4 | 111.7 | 109.9 | 107.0 | 112.5 |
| 1995 | 118.2 | 119.9 | 116.1 | 114.1 | 110.8 | 117.1 |
| 1996 | 125.6 | 129.1 | 121.3 | 116.9 | 110.9 | 122.1 |
| 1997 | 129.3 | 132.7 | 125.3 | 119.3 | 111.8 | 126.0 |
| 1998 | 129.2 | 131.4 | 126.5 | 119.4 | 111.4 | 127.4 |
| 1999 | 129.8 | (NA) | (NA) | 121.1 | 111.4 | 131.3 |
| 2000 | 135.2 | (NA) | (NA) | 126.6 | (NA) | (NA) |
| 2001 | 142.6 | (NA) | (NA) | 134.1 | (NA) | (NA) |
| 2002 | 149.9 | (NA) | (NA) | 139.5 | (NA) | (NA) |
| 2003 | 154.7 | (NA) | (NA) | 143.7 | (NA) | (NA) |
| 2004 | 163.1 | (NA) | (NA) | 151.6 | (NA) | (NA) |
| 2005 | 175.1 | (NA) | (NA) | 159.5 | (NA) | (NA) |
| 2006 | 192.4 | (NA) | (NA) | 174.2 | (NA) | (NA) |
| 2007 | 207.6 | (NA) | (NA) | 188.0 | (NA) | (NA) |
| 2008 | 219.2 | (NA) | (NA) | 199.1 | (NA) | (NA) |
| 2009 | 222.3 | (NA) | (NA) | 202.5 | (NA) | (NA) |
| 2010 | 221.6 | (NA) | (NA) | 201.9 | (NA) | (NA) |
| 2011 | 226.2 | (NA) | (NA) | 206.7 | (NA) | (NA) |
| 2012 | 232.2 | (NA) | (NA) | 213.1 | (NA) | (NA) |
| 2013 | 243.9 | (NA) | (NA) | 224.0 | (NA) | (NA) |
| 2014 | 260.3 | (NA) | (NA) | 239.3 | (NA) | (NA) |
| 2015 | 273.6 | (NA) | (NA) | 250.8 | (NA) | (NA) |
| 2016 | 278.6 | (NA) | (NA) | 254.4 | (NA) | (NA) |
| 2017 | 281.0 | (NA) | (NA) | 255.8 | (NA) | (NA) |
| 2018 | 2/ 282.1 | (NA) | (NA) | 257.1 | (NA) | (NA) |
| 2019 | 290.7 | (NA) | (NA) | 264.2 | (NA) | (NA) |

NA Not available.

1/ Wages and benefits.

2/ Revised from previous *Data Book*.

Source: First Hawaiian Bank, Research Department, records; Hawaii State Department of Business, Economic Development & Tourism, Research and Economic Analysis Division, *Quarterly Statistical and Economic Report - 1st Quarter* <<http://dbedt.hawaii.gov/economic/qser/>> accessed April 16, 2020 and records.

Table 21.10-- CONDOMINIUM ASSOCIATIONS REGISTERED WITH THE STATE OF HAWAII AND APARTMENTS REPRESENTED: 1990 TO 2019

[Fiscal year ending June 30. Biennial registration was started in June 1997]

| Year | Condominium associations registered | Apartments represented | Year | Condominium associations registered | Apartments represented |
|---------|-------------------------------------|------------------------|------|-------------------------------------|------------------------|
| 1990 | 201 | 20,066 | 2005 | 1,501 | 138,334 |
| 1991 | 809 | 74,916 | 2006 | 1,546 | 142,171 |
| 1992 | 968 | 87,127 | 2007 | 1,565 | 145,124 |
| 1993 | 1,049 | 91,424 | 2008 | 1,601 | 151,238 |
| 1994 | 1,114 | 95,827 | 2009 | 1,629 | 153,856 |
| 1995 | 1,171 | 101,628 | 2010 | 1,634 | 154,625 |
| 1996 | 1,249 | 107,580 | 2011 | 1,670 | 156,511 |
| 1997 | 1,277 | 106,052 | 2012 | 1,649 | 156,846 |
| 1998 1/ | 1,339 | 112,832 | 2013 | 1,668 | 158,294 |
| 1999 | 1,361 | 114,449 | 2014 | 1,591 | 151,320 |
| 2000 | 1,389 | 116,750 | 2015 | 1,693 | 160,854 |
| 2001 | 1,419 | 118,209 | 2016 | 1,646 | 158,865 |
| 2002 | 1,439 | 133,276 | 2017 | 1,709 | 170,100 |
| 2003 | 1,456 | 134,444 | 2018 | 1,559 | 154,525 |
| 2004 | 1,469 | 135,708 | 2019 | 1,560 | 156,532 |

1/ The first biennial registration, for the July 1, 1997 through June 30, 1999 biennium, was due on June 30, 1997. As a result, registrations were received in both the 1997 and 1998 fiscal years. The numbers reported here show the number of associations and apartments that registered for the biennium and include registrations received during each fiscal year.

Source: Hawaii State Department of Commerce and Consumer Affairs, Professional and Vocational Licensing Division, Real Estate Branch, *Annual Report Real Estate Commission* (annual) <<http://cca.hawaii.gov/reb/reports/>> accessed April 17, 2020 and other annuals.

Table 21.11-- CONDOMINIUM PROJECTS REGISTERED WITH THE STATE OF HAWAII: 1994 TO 2018

[Fiscal year ending June 30. Registration is required only for projects that are being offered for sale, whether they are new or are already existing. In mixed use condominium projects, the predominant use is reported. This is done to prevent the multiple counting of a project filing]

| Year | Projects | Individual units | Year | Projects | Individual units |
|------|----------|------------------|------|----------|------------------|
| 1994 | 228 | 4,229 | 2007 | 459 | 11,157 |
| 1995 | 255 | 4,654 | 2008 | 417 | 9,128 |
| 1996 | 188 | 2,150 | 2009 | 347 | 6,504 |
| 1997 | 201 | 2,765 | 2010 | 272 | 7,210 |
| 1998 | 226 | 2,025 | 2011 | 250 | 5,347 |
| 1999 | 211 | 2,363 | 2012 | 210 | 5,827 |
| 2000 | 225 | 1,693 | 2013 | 234 | 8,464 |
| 2001 | 210 | 2,918 | 2014 | 261 | 6,715 |
| 2002 | 201 | 3,094 | 2015 | 253 | 10,652 |
| 2003 | 301 | 4,705 | 2016 | 277 | 7,322 |
| 2004 | 411 | 10,106 | 2017 | 232 | 7,971 |
| 2005 | 469 | 15,695 | 2018 | 251 | 4,673 |
| 2006 | 543 | 11,243 | | | |

Source: Hawaii State Department of Commerce and Consumer Affairs, Professional and Vocational Licensing Division, Real Estate Branch, *Annual Report Real Estate Commission* (annual) <<http://cca.hawaii.gov/reb/reports/>> accessed January 25, 2019.

Table 21.12-- NEW CONDOMINIUM PROJECTS, BY TYPE: 2014 TO 2019

[Fiscal years ending June 30. In mixed use condominium projects, the predominant use is reported. This is done to prevent the multiple counting of a project filing]

| Type of project | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 |
|--------------------------|------|------|------|------|------|------|
| All types | 153 | 160 | 163 | 139 | 141 | (NA) |
| Total residential 1/ | 121 | 125 | 139 | 116 | 110 | (NA) |
| Commercial and other | 9 | 9 | 4 | 4 | 4 | (NA) |
| Agricultural | 23 | 26 | 20 | 19 | 27 | (NA) |
| New residential projects | | | | | | |
| by size 1/ | 115 | 125 | 139 | 116 | 130 | 108 |
| 2 units or fewer | 25 | 34 | 58 | 30 | 33 | 37 |
| 3 to 15 units | 47 | 34 | 39 | 39 | 17 | 35 |
| 16 to 50 units | 8 | 10 | 13 | 15 | 45 | 7 |
| More than 50 units | 35 | 47 | 29 | 32 | 35 | 29 |

NA Not available.

1/ The "Total residential" figure was obtained from the "Condominium Project Filings" table in the source and may differ from the total figure shown in the "New Residential Projects - By Size" table of the source. The "Total residential" figures which is from the "Condominium Project Filings" table of the source reflects the total number of projects received which includes projects that were eventually withdrawn or returned. The table with new residential projects by size figures, however, reflect only the projects that had an issuance of the developer's public report.

Source: Hawaii State Department of Commerce and Consumer Affairs, Professional and Vocational Licensing Division, Real Estate Branch, *2019 Annual Report Real Estate Commission* <<http://cca.hawaii.gov/reb/reports/>> accessed May 27, 2020.

**Table 21.13-- HOUSING UNITS CONVERTED TO CONDOMINIUM UNITS:
1994 TO 2018**

[Fiscal year ending June 30. Previous *Data Book* tables containing these data were titled "Housing Units Converted From Rental Units to Condominium Units" and "Condominium Units". Data contained in this table reflect the number of housing units converted to condominium units. This conversion is not exclusively from rental units to condominium units, but includes all types of units that were converted to condominium units during the current fiscal year]

| Year | Projects | Individual units | Year | Projects | Individual units |
|------|----------|------------------|------|----------|------------------|
| 1994 | 73 | 491 | 2007 | 157 | 903 |
| 1995 | 89 | 1,060 | 2008 | 132 | 664 |
| 1996 | 74 | 386 | 2009 | 112 | 1,592 |
| 1997 | 66 | 981 | 2010 | 89 | 618 |
| 1998 | 54 | 665 | 2011 | 79 | 575 |
| 1999 | 73 | 368 | 2012 | 64 | 219 |
| 2000 | 55 | 342 | 2013 | 75 | 553 |
| 2001 | 44 | 454 | 2014 | 75 | 633 |
| 2002 | 58 | 591 | 2015 | 71 | 596 |
| 2003 | 92 | 740 | 2016 | 76 | 365 |
| 2004 | 116 | 1,422 | 2017 | 62 | 332 |
| 2005 | 135 | 2,347 | 2018 | 91 | 481 |
| 2006 | 164 | 1,177 | | | |

Source: Hawaii State Department of Commerce and Consumer Affairs, Professional and Vocational Licensing Division, Real Estate Branch, *Annual Report Real Estate Commission* (annual) <<http://cca.hawaii.gov/reb/reports/>> accessed January 26, 2019.

**Table 21.14-- TIMESHARE PROPERTIES AND UNITS, BY ISLAND:
2017 TO 2019**

| Subject | State total | Oahu | Hawaii | Kauai | Maui | Molokai | Lanai |
|------------------------|-------------|-------|--------|-------|-------|---------|-------|
| 2017 | | | | | | | |
| Properties 1/ | 73 | 16 | 15 | 19 | 22 | 1 | - |
| Registered units 2/ 3/ | 10,978 | 3,325 | 1,928 | 2,330 | 3,388 | 7 | - |
| Operated units 3/ 4/ | 11,062 | 3,329 | 1,801 | 2,546 | 3,379 | 7 | - |
| 2018 | | | | | | | |
| Properties 1/ | 77 | 19 | 17 | 17 | 23 | 1 | - |
| Registered units 2/ | 11,327 | 3,659 | 1,928 | 2,322 | 3,411 | 7 | - |
| Operated units 4/ | 11,923 | 3,731 | 1,823 | 2,714 | 3,648 | 7 | - |
| 2019 | | | | | | | |
| Properties 1/ | 87 | 20 | 18 | 19 | 29 | 1 | - |
| Registered units 2/ | 11,408 | 3,659 | 2,000 | 2,324 | 3,418 | 7 | - |
| Operated units 4/ | 12,090 | 3,782 | 1,893 | 2,753 | 3,655 | 7 | - |

1/ Includes any property which contains one or more operated timeshare units. Data were obtained directly from the Hawaii Tourism Authority summary information on properties with operated units. For the data years prior to 2013, the *Data Book* tables included any property with registered timeshare units. Therefore, *Data Book* tables with data prior to 2013 are not comparable to those displaying data from 2013 and onward.

2/ The number of units registered included those that were available for sale in a timeshare program (as well as those already sold in such a program).

3/ 'State Total', 'Oahu', 'Hawaii', 'Kauai' and 'Maui' revised from previous *Data Book*.

4/ There was a change in the reporting procedure from the 2009 data and onward. The number of units operated represented the units that were in use. Certain timeshares properties have the ability to split a given registered timeshare unit into more than one operated visitor unit (i.e. it may be possible for a two-bedroom unit to be rented as two keys: one studio unit and one 1-bedroom unit). Operated units were defined as number of salable keys that were operated for visitor use. In some cases, the number of operating units exceed the number of registered units for a given timeshare property. This change in reporting procedure resulted in a higher inventory count for certain timeshare properties, but did not necessarily reflect a change in the physical plant.

Source: Hawaii Tourism Authority, Tourism Research, *Visitor Plant Inventory* (annual)
<<https://www.hawaiitourismauthority.org/research/>> accessed May 11, 2020.

Table 21.15-- HOME EXEMPTIONS CLAIMED: 2014 TO 2020

[Fiscal year ending June 30]

| Tenure and county | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |
|----------------------------|---------|---------|---------|---------|---------|---------|---------|
| Total Owner-occupied 1/ | | | | | | | |
| State total | 217,768 | 217,108 | 217,439 | 218,805 | 220,618 | 223,713 | 225,997 |
| Honolulu | 140,865 | 140,582 | 140,950 | 142,015 | 143,280 | 145,446 | 146,892 |
| Maui | 25,681 | 25,431 | 25,364 | 25,310 | 25,053 | 24,726 | 25,082 |
| Hawaii | 38,856 | 38,720 | 38,599 | 38,749 | 39,432 | 40,588 | 40,877 |
| Kauai | 12,366 | 12,375 | 12,526 | 12,731 | 12,853 | 12,953 | 13,146 |
| Fee simple | | | | | | | |
| State total | 212,433 | 212,010 | 212,486 | 214,002 | 215,939 | 219,188 | 221,448 |
| Honolulu | 136,641 | 136,524 | 137,025 | 138,232 | 139,607 | 141,829 | 143,331 |
| Maui | 24,953 | 24,755 | 24,724 | 24,673 | 24,432 | 24,122 | 24,492 |
| Hawaii | 38,692 | 38,576 | 38,466 | 38,632 | 39,331 | 40,588 | 40,791 |
| Kauai | 12,147 | 12,155 | 12,271 | 12,465 | 12,569 | 12,649 | 12,834 |
| Leasehold | | | | | | | |
| State total | 5,335 | 5,098 | 4,953 | 4,803 | 4,679 | 4,525 | 4,549 |
| Honolulu | 4,224 | 4,058 | 3,925 | 3,783 | 3,673 | 3,617 | 3,561 |
| Maui | 728 | 676 | 640 | 637 | 621 | 604 | 590 |
| Hawaii | 164 | 144 | 133 | 117 | 101 | - | 86 |
| Kauai | 219 | 220 | 255 | 266 | 284 | 304 | 312 |

1/ "Owner-occupied" is the sum of the "fee simple" and "leasehold" home exemptions categories.

Source: City and County of Honolulu, Budget and Fiscal Services Department, Real Property Assessment Division, *Real Property Tax Valuations, Tax Rates & Exemptions, State of Hawaii*, "Number and Amount of Exemption by Type and County" (annual) <<https://www.realpropertyhonolulu.com/rpa-report/>> accessed April 20, 2020 and records.

Table 21.16-- SELECTED HOUSING CHARACTERISTICS, BY COUNTY: 2010

| Subject | State total | City and County of Honolulu | Hawaii County | Kauai County | Maui County 1/ |
|--|--------------------|------------------------------------|----------------------|---------------------|-----------------------|
| All housing units | 519,508 | 336,899 | 82,324 | 29,793 | 70,492 |
| Occupied housing units | 455,338 | 311,047 | 67,096 | 23,240 | 53,955 |
| Owner-occupied housing units | 262,682 | 174,387 | 44,271 | 13,968 | 30,056 |
| Renter-occupied housing units | 192,656 | 136,660 | 22,825 | 9,272 | 23,899 |
| Average household size | | | | | |
| Owner-occupied housing units | 3.02 | 3.11 | 2.69 | 2.96 | 3.02 |
| Renter-occupied housing units | 2.72 | 2.75 | 2.73 | 2.64 | 2.57 |
| Vacant housing units | 64,170 | 25,852 | 15,228 | 6,553 | 16,537 |
| For rent | 16,441 | 8,633 | 2,995 | 1,312 | 3,501 |
| Rented, not occupied | 954 | 625 | 101 | 61 | 167 |
| For sale only | 4,277 | 1,941 | 1,338 | 251 | 747 |
| Sold, not occupied | 1,151 | 645 | 289 | 51 | 166 |
| For seasonal, recreational, or occasional use 2/ | 30,079 | 8,799 | 7,135 | 4,172 | 9,973 |
| All other vacants | 11,268 | 5,209 | 3,370 | 706 | 1,983 |
| Homeowner vacancy rate (percent) | 1.60 | 1.10 | 2.90 | 1.80 | 2.41 |
| Rental vacancy rate (percent) | 7.80 | 5.90 | 11.60 | 12.30 | 12.70 |
| Owner-occupied | 262,682 | 174,387 | 44,271 | 13,968 | 30,056 |
| Family households | 198,891 | 134,249 | 31,369 | 10,754 | 22,519 |
| Husband-wife family | 155,722 | 104,825 | 24,627 | 8,443 | 17,827 |
| Other family | 43,169 | 29,424 | 6,742 | 2,311 | 4,692 |
| Nonfamily households | 63,791 | 40,138 | 12,902 | 3,214 | 7,537 |
| Renter-occupied | 192,656 | 136,660 | 22,825 | 9,272 | 23,899 |
| Family households | 115,016 | 83,593 | 13,038 | 5,393 | 12,992 |
| Husband-wife family | 74,354 | 56,347 | 7,207 | 3,211 | 7,589 |
| Other family | 40,662 | 27,246 | 5,831 | 2,182 | 5,403 |
| Nonfamily household | 77,640 | 53,067 | 9,787 | 3,879 | 10,907 |

1/ Maui County includes Kalawao County. Kalawao County had 113 housing units, 1 owner-occupied housing unit and 68 renter-occupied housing units.

2/ Used or intended for use only in certain seasons or for weekends or other occasional use throughout the year. Seasonal units include those used for summer or winter sports or recreation, such as beach cottages and hunting cabins. Seasonal units also may include quarters for such workers as herders and loggers. Interval ownership units, sometimes called shared-ownership or time-sharing condominiums, also are included here.

Source: U.S. Census Bureau, 2010 Census "DP-1 - Hawaii Profile of General 2010 Demographic Profile Data" (May 19, 2011) <<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>> accessed May 19, 2011 and 2010 Census Summary File 1 (June 16, 2011) <<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>> accessed July 11, 2011.

Table 21.17-- SUMMARY HOUSING CHARACTERISTICS, BY COUNTY: 2014-2018

[Based on a sample and subject to sampling variability. Average of the 5-year period 2014 to 2018]

| Characteristic | State total | City and County of Honolulu | Hawaii County | Kalawao County | Kauai County | Maui County |
|--|--------------------|------------------------------------|----------------------|-----------------------|---------------------|--------------------|
| All housing units | 539,053 | 348,497 | 87,101 | 92 | 30,793 | 72,570 |
| Occupied | 456,782 | 311,525 | 68,412 | 47 | 22,524 | 54,274 |
| Vacant | 82,271 | 36,972 | 18,689 | 45 | 8,269 | 18,296 |
| Percent | | | | | | |
| Homeowner vacancy rate | 1.3 | 0.9 | 2.3 | (X) | 2.2 | 1.7 |
| Renter vacancy rate | 10 | 5.2 | 10.0 | 14.8 | 16.2 | 28.0 |
| Units in structure | | | | | | |
| 1 unit, detached | 287,112 | 156,034 | 67,935 | 84 | 21,650 | 41,409 |
| 1 unit, attached | 48,624 | 40,292 | 2,601 | 0 | 1,411 | 4,320 |
| 2 units | 11,526 | 6,150 | 1,840 | 0 | 1,172 | 2,364 |
| 3 or more units | 190,471 | 145,429 | 14,385 | 8 | 6,539 | 24,110 |
| Mobile home, boat, RV, van, etc | 1,320 | 592 | 340 | 0 | 21 | 367 |
| Tenure | | | | | | |
| Owner-occupied | 266,362 | 173,697 | 45,767 | 2 | 14,211 | 32,685 |
| Renter-occupied | 190,420 | 137,828 | 22,645 | 45 | 8,313 | 21,589 |
| Average household size of unit | | | | | | |
| Owner-occupied | 3.15 | 3.24 | 2.77 | (NA) | 3.18 | 3.16 |
| Renter-occupied | 2.84 | 2.81 | 2.98 | 1.36 | 3.06 | 2.75 |
| Median number of rooms | 4.6 | 4.6 | 4.9 | 3.2 | 4.7 | 4.2 |
| Percent | | | | | | |
| Structure built 2010 or later | 3.8 | 4.2 | 3.2 | 0.0 | 2.2 | 3.1 |
| Structure built 2000 to 2009 | 13.5 | 10.6 | 21.6 | 2.2 | 13.8 | 17.2 |
| Structure built 1990 to 1999 | 14.0 | 11.7 | 19.3 | 4.3 | 19.6 | 16.7 |
| Structure built 1940 to 1989 | 65.2 | 70.1 | 52.1 | 54.3 | 61.1 | 59.2 |
| Structure built before 1940 | 3.5 | 3.4 | 3.7 | 39.1 | 3.3 | 3.9 |
| Lacking complete plumbing | 0.7 | 0.4 | 1.9 | 0.0 | 0.3 | 0.5 |
| Lacking complete kitchen facilities | 1.6 | 1.4 | 2.6 | 0.0 | 1.3 | 1.7 |
| With no telephone service | 2.2 | 2.1 | 2.3 | 17.0 | 2.9 | 2.4 |
| Percent householder moved | | | | | | |
| Into unit 2010 or later | 44.5 | 45.8 | 41.6 | 53.1 | 36.8 | 44.2 |
| Into unit 2000 to 2009 | 23.5 | 22.1 | 27.7 | 29.8 | 25.0 | 25.9 |
| Into unit 1990 to 1999 | 12.5 | 11.8 | 13.6 | 12.8 | 16.5 | 13.2 |
| Into unit before 1990 | 19.4 | 20.2 | 17.0 | 4.3 | 21.8 | 16.7 |
| Percent of units with occupants per room of 1.51 or more | 3.5 | 3.6 | 2.8 | 0.0 | 2.3 | 3.9 |

Continued on next page.

**Table 21.17-- SUMMARY HOUSING CHARACTERISTICS, BY COUNTY:
2014-2018 -- Con.**

| Characteristic | State total | City and County of Honolulu | Hawaii County | Kalawao County | Kauai County | Maui County |
|---|-------------|-----------------------------|---------------|----------------|--------------|-------------|
| Median value (dollars) for owner-occupied units | 587,700 | 649,800 | 333,600 | (NA) | 546,000 | 599,500 |
| Selected monthly owner costs | | | | | | |
| Housing units with a mortgage | 174,326 | 117,352 | 26,402 | - | 8,410 | 22,162 |
| Median (dollars) | 2,350 | 2,527 | 1,634 | (X) | 2,218 | 2,354 |
| Housing units without a mortgage | 92,036 | 56,345 | 19,365 | 2 | 5,801 | 10,523 |
| Median (dollars) | 519 | 590 | 321 | (NA) | 489 | 456 |
| Selected monthly owner costs as a percentage of household income (SMOCAPI) 1/ | | | | | | |
| Housing units with a mortgage (excluding units where SMOCAPI cannot be computed) | 173,274 | 116,747 | 26,158 | - | 8,350 | 22,019 |
| Monthly costs were 35 percent or more of household income | 51,605 | 33,426 | 7,749 | - | 2,836 | 7,594 |
| Housing units without a mortgage (excluding units where SMOCAPI cannot be computed) | 90,611 | 55,723 | 18,876 | 2 | 5,681 | 10,329 |
| Monthly costs were 35 percent or more of household income | 8,614 | 5,493 | 1,686 | - | 625 | 810 |
| Gross rent | | | | | | |
| Occupied units paying rent | 178,148 | 130,927 | 19,850 | 23 | 7,427 | 19,921 |
| Median(dollars) | 1,566 | 1,703 | 1,168 | 863 | 1,333 | 1,406 |
| Gross rent as a percentage of household income (GRAPI) | | | | | | |
| Occupied units paying rent (excluding units where GRAPI cannot be computed) | 174,956 | 128,733 | 19,181 | 23 | 7,306 | 19,713 |
| Monthly costs were 35 percent or more of household income | 80,798 | 62,139 | 8,214 | 2 | 2,736 | 7,707 |

NA Not available.

X Not applicable.

1/ Selected monthly owner costs as a percentage of household income (SMOCAPI) is the computed ratio of selected monthly owner costs to monthly household income. The ratio was computed separately for each unit and rounded to the nearest whole percentage. In prior years, the data are tabulated for all owner-occupied units. It is now restricted to only those units where SMOCAPI is computed, that is SMOC and household income are valid values. It provides information on the monthly housing cost expenses for owners.

Source: U.S. Census Bureau, 2014-2018 American Community Survey 5-Year Estimates, "DP04 Selected Housing Characteristics" <<https://data.census.gov>> accessed December 30, 2019.

Table 21.18-- TENURE BY AGE OF HOUSEHOLDER: 2000 AND 2010

| Subject | April 1, 2000 | April 1, 2010 | Percent change |
|---|---------------|---------------|----------------|
| Total housing units | 460,542 | 519,508 | 12.8 |
| Households by age of householder, total | 403,240 | 455,338 | 12.9 |
| Owner-occupied housing units | 227,888 | 262,682 | 15.3 |
| 15 to 24 years | 1,667 | 1,892 | 13.5 |
| 25 to 34 years | 17,239 | 16,752 | -2.8 |
| 35 to 44 years | 43,073 | 36,459 | -15.4 |
| 45 to 54 years | 56,886 | 57,404 | 0.9 |
| 55 to 64 years | 41,370 | 66,267 | 60.2 |
| 65 years and over | 67,653 | 83,908 | 24.0 |
| 65 to 74 years | 35,461 | 42,574 | 20.1 |
| 75 to 84 years | 25,824 | 28,781 | 11.5 |
| 85 years and over | 6,368 | 12,553 | 97.1 |
| Renter-occupied housing units | 175,352 | 192,656 | 9.9 |
| 15 to 24 years | 14,657 | 14,705 | 0.3 |
| 25 to 34 years | 43,668 | 44,670 | 2.3 |
| 35 to 44 years | 45,181 | 39,337 | -12.9 |
| 45 to 54 years | 32,856 | 36,589 | 11.4 |
| 55 to 64 years | 16,564 | 28,383 | 71.4 |
| 65 years and over | 22,426 | 28,972 | 29.2 |
| 65 to 74 years | 11,835 | 14,743 | 24.6 |
| 75 to 84 years | 8,133 | 9,620 | 18.3 |
| 85 years and over | 2,458 | 4,609 | 87.5 |

Source: U.S. Census Bureau, Census 2000 Summary File 1 Hawaii (July 25, 2001) <<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>> accessed June 20, 2011 and 2010 Census Summary File 1 Hawaii (June 16, 2011) <<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>> accessed June 20, 2011.

**Table 21.19-- CHARACTERISTICS OF HOUSING UNITS AND HOUSEHOLDS,
FOR THE STATE, 2016 AND 2019, AND COUNTY, 2019**

| Subject | State | | County, 2019 | | | |
|--|-----------|---------|--------------|--------|--------|--------|
| | 2016 | 2019 | Honolulu | Maui | Hawaii | Kauai |
| Total households | 462,876 | 455,502 | 311,451 | 54,434 | 67,054 | 22,563 |
| Tenure (percent) | | | | | | |
| Own | 57 | 58 | 56 | 59 | 67 | 63 |
| Rent | 43 | 42 | 44 | 41 | 33 | 37 |
| Unit size (bedrooms) (percent) | | | | | | |
| Studio or 1 bedroom | 16 | 18 | 19 | 16 | 17 | 14 |
| 2 bedrooms | 25 | 24 | 24 | 25 | 21 | 19 |
| 3 bedrooms | 36 | 35 | 33 | 38 | 42 | 49 |
| 4+ bedrooms | 23 | 23 | 24 | 20 | 20 | 18 |
| Crowded (percent) 1/ | 10.5 | 13.6 | 14.1 | 13.8 | 11.5 | 12.2 |
| Doubled up (percent) 2/ | 12.0 | 13.0 | 13.3 | 14.1 | 10.3 | 14.5 |
| Median household income (dollars) | 3/ 72,821 | 74,983 | 95,455 | 74,451 | 59,503 | 74,527 |
| Average monthly mortgage payment (dollars) | 1,987 | 2,108 | 2,275 | 2,063 | 1,483 | 2,134 |
| Average monthly rent (dollars) | 1,554 | 1,717 | 1,818 | 1,644 | 1,210 | 1,543 |
| Monthly shelter payment as percent of monthly household income | | | | | | |
| No shelter payment | 21.4 | 17.3 | 17.0 | 14.5 | 21.1 | 17.2 |
| Under 30 percent | 36.8 | 43.2 | 44.1 | 43.3 | 41.0 | 38.3 |
| 30 to 40 percent | 11.3 | 9.7 | 9.7 | 10.5 | 8.8 | 10.5 |
| Over 40 percent | 24.6 | 23.1 | 23.1 | 23.8 | 21.8 | 24.5 |
| Not enough information | 5.9 | 6.7 | 6.1 | 7.8 | 7.3 | 9.4 |
| Household type (percent) | | | | | | |
| Single member | 23.9 | 23.9 | 23.5 | 23.9 | 25.9 | 23.3 |
| Married, no children | 21.6 | 21.1 | 20.4 | 20.3 | 23.4 | 25.7 |
| Parent(s) and children | 13.8 | 12.7 | 12.6 | 12.9 | 13.0 | 13.1 |
| Unrelated roommates | 5.7 | 6.6 | 5.9 | 8.1 | 9.0 | 5.6 |
| Other 4/ | 34.4 | 35.3 | 37.3 | 34.5 | 27.8 | 32.1 |
| Undetermined | 0.2 | 0.3 | 0.2 | 0.3 | 0.7 | 0.1 |

1/ Based on more than 2 persons per bedroom.

2/ Housing units that are occupied by two or more families or groups of persons who are not related by

3/ Revised from previous *Data Book*.

4/ Other household types include a mixture of related and unrelated individuals.

Source: SMS Research & Marketing Services, Inc., *Hawai'i Housing Planning Study, 2019* (December 2019) <https://dbedt.hawaii.gov/hhfdc/files/2020/02/State_HHPS2019_Report-FINAL-Dec.-2019-Rev.-02102020.pdf> accessed April 20, 2020.

Table 21.20-- HOUSING UNITS, BY COUNTY: 2007 TO 2019

| Year | State total | Honolulu | Hawaii | Kauai | Maui 1/ |
|---|-------------|----------|--------|--------|---------|
| 2007: July 1 2/ | 507,743 | 333,338 | 78,331 | 28,667 | 67,407 |
| 2008: July 1 2/ | 514,132 | 335,640 | 80,371 | 29,159 | 68,962 |
| 2009: July 1 2/ | 517,829 | 336,525 | 81,806 | 29,508 | 69,990 |
| 2010: April 1 | 519,508 | 336,899 | 82,324 | 29,793 | 70,492 |
| 2010: April 1 estimates base 3/ | 519,513 | 336,899 | 82,320 | 29,797 | 70,497 |
| 2010: July 1 3/ | 520,088 | 337,111 | 82,476 | 29,917 | 70,584 |
| 2011: July 1 3/ | 523,213 | 338,800 | 83,515 | 30,072 | 70,826 |
| 2012: July 1 3/ | 525,678 | 340,338 | 84,158 | 30,178 | 71,004 |
| 2013: July 1 3/ | 528,391 | 341,878 | 84,748 | 30,292 | 71,473 |
| 2014: July 1 3/ | 531,961 | 344,309 | 85,428 | 30,434 | 71,790 |
| 2015: July 1 3/ | 534,723 | 345,694 | 86,329 | 30,609 | 72,091 |
| 2016: July 1 3/ | 539,757 | 349,261 | 87,152 | 30,794 | 72,550 |
| 2017: July 1 3/ | 542,815 | 350,724 | 88,073 | 30,943 | 73,075 |
| 2018: July 1 3/ | 545,974 | 352,490 | 88,365 | 31,232 | 73,887 |
| 2019: July 1 3/ | 550,273 | 354,677 | 89,346 | 31,577 | 74,673 |
| Share of state total April 1, 2010 estimates base | 100.0 | 64.8 | 15.8 | 5.7 | 13.6 |
| July 1, 2019 | 100.0 | 64.5 | 16.2 | 5.7 | 13.6 |
| July 1, 2010 to July 1, 2019 Percent change | 5.9 | 5.3 | 8.5 | 6.0 | 5.9 |
| Average annual | 0.6 | 0.6 | 0.9 | 0.6 | 0.6 |

1/ Maui County including Kalawao County.

2/ Housing unit estimates for 2007 through 2009 were revised on October 9, 2012 based upon the April 1, 2010 Census figures.

3/ Housing unit estimates are based on revisions released in May 2020 and may differ from figures in previous *Data Books*. The estimates are based on the 2010 Census and reflect changes to the April 1, 2010 housing units due to the Count Question Resolution program and geographic program revisions.

Source: U.S. Census Bureau, "Table 2. Intercensal Estimates of Housing Units for Counties of Hawaii: April 1, 2000 to July 1, 2010" <<http://www.census.gov/popest/data/intercensal/housing/tables/HU-EST00INT-02/HU-EST00INT-02-15.xls>> accessed May 28, 2013; U.S. Census Bureau, Population Division "Annual Estimates of Housing Units for the United States, Regions, Divisions, States, and Counties: April 1, 2010 to July 1, 2019" (May 2020) <<https://www.census.gov/programs-surveys/popest.html>> accessed May 21, 2020; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 21.21-- NUMBER OF HOUSING UNITS IN OAHU NEIGHBORHOODS:
2010 AND 2014-2018**

| Neighborhood area 1/ (see maps) | 2010 2/ | 2014-2018 3/ | Percent change |
|---|---------|--------------|-------------------|
| Oahu total | 340,906 | 348,497 | 2.23 |
| 1 Hawaii Kai | 11,462 | 11,421 | -0.36 |
| 2 Kuliouou-Kalani Iki | 5,765 | 5,962 | 3.42 |
| 3 Waialae-Kahala | 4,261 | 4,141 | -2.82 |
| 4 Kaimuki | 7,042 | 6,974 | -0.97 |
| 5 Diamond Head/Kapahulu/St. Louis Heights | 8,285 | 8,736 | 5.44 |
| 6 Palolo | 4,324 | 4,626 | 6.98 |
| 7 Manoa | 7,667 | 7,701 | 0.44 |
| 8 McCully/Moilili | 14,382 | 14,272 | -0.76 |
| 9 Waikiki | 19,196 | 19,323 | 0.66 |
| 10 Makiki/Lower Punchbowl/Tantalus | 16,708 | 17,298 | 3.53 |
| 11 Ala Moana/Kakaako | 12,583 | 13,944 | 10.82 |
| 12 Nuuanu/Punchbowl | 6,837 | 7,033 | 2.87 |
| 13 Downtown | 8,208 | 7,884 | -3.95 |
| 14 Liliha/Kapalama | 7,019 | 7,093 | 1.05 |
| 15 Kalihi-Palama | 11,523 | 11,619 | 0.83 |
| 16 Kalihi Valley | 4,186 | 4,654 | 11.18 |
| 17 Moanalua | 3,468 | 3,385 | -2.39 |
| 18 Aliamanu/Salt Lake/Foster Village | 13,208 | 12,846 | -2.74 |
| 19 Airport Area | 6,492 | 6,661 | 2.60 |
| 20 Aiea | 10,461 | 13,545 | 29.48 |
| 21 Pearl City | 15,079 | 12,219 | -18.97 |
| 22 Waipahu | 18,704 | 19,750 | 5.59 |
| 23 Ewa | 18,868 | 20,199 | 7.05 |
| 24 Waianae Coast 4/ | 13,333 | 7,705 | (4/) |
| 25 Mililani/Waipio/Melemanu | 12,569 | 10,981 | -12.63 |
| 26 Wahiawa | 12,305 | 13,171 | 7.04 |
| 27 North Shore | 6,677 | 6,675 | -0.03 |
| 28 Koolauloa | 4,532 | 4,632 | 2.21 |
| 29 Kahaluu | 4,620 | 4,473 | -3.18 |
| 30 Kaneohe | 11,474 | 12,823 | 11.76 |
| 31 Kailua | 15,768 | 14,043 | -10.94 |
| 32 Waimanalo | 2,987 | 2,524 | -15.50 |
| 33 Mokapu | 2,388 | 2,737 | 14.61 |
| 34 Makakilo/Kapolei/Honokai Hale | 11,254 | 14,476 | 28.63 |
| 35 Mililani Mauka-Launani Valley | 7,271 | 7,183 | -1.21 |
| 36 Nanakuli-Maili 4/ | (4/) | 5,788 | (4/) |

Continued on next page.

**Table 21.21-- NUMBER OF HOUSING UNITS IN OAHU NEIGHBORHOODS:
2010 AND 2014-2018 -- Con.**

1/ Data in this table pertain to neighborhood areas whose boundaries are very close but do not match exactly to the Neighborhood Board boundaries. Neighborhood Board numbers are displayed next to the Neighborhood Board names.

2/ As of June 30. Estimated housing units based on traffic zones.

3/ Based on the Census Bureau's 2014-2018 American Community Survey 5-year estimates. Data are a sample and are subject to sampling variability. Figures displayed describe the average housing units in Hawaii between the years 2014 and 2018.

4/ Waianae Coast Neighborhood (Board No. 24) was amended on January 28, 2008 to provide for the creation of Nanakuli-Mailii Neighborhood (Board No. 36). However, census blocks used to approximate the new boundaries were not available until 2011.

Source: City and County of Honolulu, Neighborhood Plan 2008 (April 2013) <https://www.honolulu.gov/rep/site/nco/nco_docs/2013_RNP_Print.pdf> accessed March 8, 2019; City and County of Honolulu Planning and Permitting Department, Planning Division, records; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 21.22-- HOUSING CHARACTERISTICS OF OAHU NEIGHBORHOODS:
2014-2018**

[Based on the Census Bureau's 2014-2018 American Community Survey 5-year estimate.

Data are a sample and are subject to sampling variability. Figures displayed describe the average population characteristics in Hawaii between the years 2014 and 2018.

Homeowner vacancy rates and rental vacancy rates are rounded figures]

| Neighborhood area 1/ (see maps) | Total housing units | Occupied | | Home- ownership rate (%) | Vacancy rate (%) | |
|---|---------------------------|----------|---------|--------------------------------|------------------|--------|
| | | Owner | Renter | | Owner | Rental |
| Oahu total | 348,497 | 173,697 | 137,828 | 55.8 | 0.9 | 5.2 |
| 1 Hawaii Kai | 11,421 | 8,516 | 1,890 | 81.8 | 0.9 | 6.0 |
| 2 Kuliouou-Kalani Iki | 5,962 | 4,602 | 599 | 88.5 | 0.0 | 4.3 |
| 3 Waialae-Kahala | 4,141 | 2,617 | 1,030 | 71.8 | 1.6 | 3.7 |
| 4 Kaimuki | 6,974 | 4,112 | 2,048 | 66.8 | 0.2 | 6.0 |
| 5 Diamond Head/Kapahulu/ St. Louis Heights | 8,736 | 4,013 | 3,399 | 54.1 | 3.1 | 4.3 |
| 6 Palolo | 4,626 | 2,369 | 1,804 | 56.8 | 0.8 | 8.1 |
| 7 Manoa | 7,701 | 4,186 | 2,750 | 60.4 | 0.8 | 8.8 |
| 8 McCully/Moiliili | 14,272 | 3,717 | 8,983 | 29.3 | 1.8 | 5.9 |
| 9 Waikiki | 19,323 | 4,034 | 6,339 | 38.9 | 4.2 | 22.4 |
| 10 Makiki/Lower Punchbowl/Tantalus | 17,298 | 7,037 | 8,900 | 44.2 | 2.1 | 5.0 |
| 11 Ala Moana/Kakaako | 13,944 | 3,988 | 7,108 | 35.9 | 1.8 | 5.0 |
| 12 Nuuanu/Punchbowl | 7,033 | 3,658 | 2,686 | 57.7 | 0.8 | 8.3 |
| 13 Downtown | 7,884 | 2,226 | 4,798 | 31.7 | 0.2 | 6.5 |
| 14 Liliha/Kapalama | 7,093 | 3,720 | 2,751 | 57.5 | 0.2 | 1.3 |
| 15 Kalihi-Palama | 11,619 | 3,124 | 7,873 | 28.4 | 0.0 | 3.7 |
| 16 Kalihi Valley | 4,654 | 2,496 | 1,895 | 56.8 | 1.9 | 3.4 |
| 17 Moanalua | 3,385 | 1,566 | 1,562 | 50.1 | 2.4 | 2.9 |
| 18 Aliamanu/Salt Lake/ Foster Village | 12,846 | 6,250 | 5,888 | 51.5 | 0.8 | 1.1 |
| 19 Airport | 6,661 | 38 | 6,114 | 0.6 | 0.0 | 4.4 |
| 20 Aiea | 13,545 | 8,128 | 4,646 | 63.6 | 1.2 | 2.1 |
| 21 Pearl City | 12,219 | 7,754 | 3,946 | 66.3 | 0.6 | 4.9 |
| 22 Waipahu | 19,750 | 12,146 | 6,704 | 64.4 | 0.0 | 5.3 |
| 23 Ewa | 20,199 | 13,239 | 5,952 | 69.0 | 0.7 | 3.4 |
| 24 Waianae Coast 2/ | 7,705 | 3,344 | 3,091 | 52.0 | 0.9 | 3.9 |
| 25 Mililani/Waipio/Melemanu | 10,981 | 7,675 | 2,973 | 72.1 | 0.6 | 4.4 |
| 26 Wahiawa | 13,171 | 3,443 | 8,728 | 28.3 | 0.0 | 2.0 |
| 27 North Shore | 6,675 | 2,792 | 2,795 | 50.0 | 3.3 | 0.5 |
| 28 Koolauloa | 4,632 | 1,836 | 1,659 | 52.5 | 0.9 | 4.8 |
| 29 Kahaluu | 4,473 | 3,192 | 954 | 77.0 | 1.5 | 2.5 |
| 30 Kaneohe | 12,823 | 8,922 | 3,209 | 73.5 | 0.4 | 3.7 |

Continued on next page.

**Table 21.22-- HOUSING CHARACTERISTICS OF OAHU NEIGHBORHOODS:
2014-2018 -- Con.**

| Neighborhood area 1/ (see maps) | Total housing units | Occupied | | Home- ownership rate (%) | Vacancy rate (%) | |
|--------------------------------------|---------------------------|----------|--------|--------------------------------|------------------|--------|
| | | Owner | Renter | | Owner | Rental |
| 31 Kailua | 14,043 | 9,435 | 3,705 | 71.8 | 0.2 | 4.0 |
| 32 Waimanalo | 2,524 | 1,660 | 692 | 70.6 | 0.2 | 2.1 |
| 33 Mokapu | 2,737 | 9 | 2,539 | 0.4 | 0.0 | 1.7 |
| 34 Makakilo/Kapolei/ Honokai Hale | 14,476 | 8,811 | 4,400 | 66.7 | 1.2 | 5.5 |
| 35 Mililani Mauka-Launani Valley | 7,183 | 5,298 | 1,539 | 77.5 | 0.0 | 1.9 |
| 36 Nanakuli-Mailii 2/ | 5,788 | 3,744 | 1,879 | 66.6 | 0.0 | 0.0 |

1/ Data in this table pertain to neighborhood areas whose boundaries are very close but do not match exactly to the Neighborhood Board boundaries. Neighborhood Board numbers are displayed next to the Neighborhood Board names.

2/ Waianae Coast Neighborhood (Board No. 24) was amended on January 28, 2008 to provide for the creation of Nanakuli-Mailii Neighborhood (Board No. 36). However, census blocks used to approximate the new boundaries were not available until 2011.

Source: City and County of Honolulu Planning and Permitting Department, Planning Division, records; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 21.23-- VACANCY AND HOMEOWNERSHIP RATES, FOR THE STATE, URBAN HONOLULU MSA, THE UNITED STATES, AND INSIDE THE 75 LARGEST MSAs: 2001 TO 2019

| Year | Rental vacancy rate | | Homeowner vacancy rate | | Gross vacancy rate 2/ | | Year-round vacancy rate 3/ | | Homeownership rate | |
|------|---------------------|-----------------------|------------------------|-----------------------|-----------------------|-----------------------|----------------------------|-----------------------|--------------------|-----------------------|
| | State | Urban Honolulu MSA 1/ | State | Urban Honolulu MSA 1/ | State | Urban Honolulu MSA 1/ | State | Urban Honolulu MSA 1/ | State | Urban Honolulu MSA 1/ |
| 2001 | 8.2 | 8.0 | 0.8 | 0.6 | (NA) | (NA) | (NA) | (NA) | 55.5 | 55.4 |
| 2002 | 7.3 | 5.5 | 0.9 | 1.0 | (NA) | (NA) | (NA) | (NA) | 57.9 | 57.0 |
| 2003 | 8.9 | 7.0 | 1.2 | 0.9 | (NA) | (NA) | (NA) | (NA) | 58.3 | 56.9 |
| 2004 | 7.7 | 5.8 | 1.3 | 1.1 | (NA) | (NA) | (NA) | (NA) | 60.6 | 59.4 |
| 2005 | 5.1 | 3.9 | 0.6 | 0.6 | 14.1 | 9.3 | 13.9 | 9.0 | 59.8 | 58.0 |
| 2006 | 5.5 | 3.9 | 1.0 | 0.8 | 15.5 | 10.4 | 13.8 | 9.0 | 59.9 | 58.4 |
| 2007 | 6.3 | 5.1 | 1.7 | 1.2 | 16.2 | 10.1 | 14.8 | 8.7 | 60.1 | 58.8 |
| 2008 | 7.2 | 5.1 | 1.7 | 1.0 | 16.1 | 9.9 | 14.6 | 8.6 | 59.1 | 57.2 |
| 2009 | 9.2 | 6.9 | 1.9 | 0.8 | 16.8 | 10.9 | 15.1 | 9.4 | 59.5 | 57.6 |
| 2010 | 8.1 | 7.2 | 1.9 | 1.0 | 17.8 | 11.5 | 16.4 | 10.0 | 56.1 | 54.9 |
| 2011 | 9.4 | 6.9 | 2.2 | 0.7 | 18.4 | 12.1 | 17.2 | 10.9 | 55.4 | 54.1 |
| 2012 | 10.2 | 6.3 | 2.3 | 1.3 | 16.8 | 10.2 | 15.8 | 8.8 | 57.2 | 56.1 |
| 2013 | 10.1 | 6.0 | 1.8 | 0.9 | 17.4 | 10.9 | 15.8 | 8.6 | 57.3 | 57.9 |
| 2014 | 8.3 | 5.6 | 1.6 | 1.1 | 18.0 | 12.3 | 16.2 | 10.2 | 58.4 | 58.2 |
| 2015 | 8.7 | 7.4 | 1.5 | 1.3 | 16.1 | 11.9 | 14.4 | 10.2 | 59.3 | 59.6 |
| 2016 | 10.6 | 9.4 | 1.4 | 1.1 | 17.1 | 13.7 | 15.8 | 12.5 | 57.7 | 57.9 |
| 2017 | 8.7 | 8.0 | 1.3 | 0.9 | 17.5 | 13.9 | 16.2 | 12.4 | 55.9 | 53.8 |
| 2018 | 8.5 | 6.5 | 1.7 | 1.4 | 17.8 | 14.0 | 16.8 | 12.9 | 59.5 | 57.7 |
| 2019 | 7.4 | 5.7 | 1.6 | 1.8 | 16.0 | 11.7 | 15.2 | 10.9 | 60.0 | 59.0 |

| Year | U.S | Inside lgst. 75 MSA | U.S | Inside lgst. 75 MSA | U.S | Inside lgst. 75 MSA | U.S | Inside lgst. 75 MSA | U.S | Inside lgst. 75 MSA |
|------|-----|---------------------|-----|---------------------|------|---------------------|-----|---------------------|------|---------------------|
| 2019 | 6.7 | 6.5 | 1.4 | 1.3 | 12.0 | 10.4 | 9.5 | 8.7 | 64.6 | 63.1 |

NA Not available.

1/ The Honolulu Metropolitan Statistical Area (MSA) consists of the City and County of Honolulu. The metropolitan data for 2004 and earlier are based on 1990 metropolitan/nonmetropolitan definitions; the 2005 to 2014 data are based on 2000 metropolitan/nonmetropolitan definitions; and the 2015 and later data are based on 2010 metropolitan/nonmetropolitan definitions. In 2010, Honolulu MSA was renamed to Urban Honolulu MSA.

2/ Percentage of the total housing inventory that is vacant. The percentage numerator is all vacant units, while the percentage denominator is the sum of all occupied and vacant housing units.

3/ Percentage of the total housing inventory, excluding seasonal rentals, that is vacant. The percentage numerator is all year-round vacant units, while the percentage denominator is the sum of all year round vacant units and occupied units.

Source: U.S. Census Bureau, *Housing Vacancies and Homeownership Annual Statistics: 2019*, Tables 3, 4, 5, 5a, 6, 7, 8, 15, 16, and 23 <<http://www.census.gov/housing/hvs/>> accessed April 24, 2020.

Table 21.24-- BUILDING VACANCY RATES FOR COMPETITIVE OFFICE SPACE FOR THE METROPOLITAN HONOLULU OFFICE MARKET, BY SUBMARKET: 2006 TO 2019

[The size of the Metropolitan Honolulu Office Market survey varies each year]

| Vacancy rate 1/ | Downtown 2/ | Suburban 3/ | Multi-class tenants |
|-----------------|-------------|-------------|---------------------|
| 2006 | 7.3 | 7.9 | 104 |
| 2007 | 10.1 | 7.2 | 104 |
| 2008 | 9.6 | 8.1 | 100 |
| 2009 | 10.5 | 10.2 | 100 |
| 2010 | 15.1 | 12.3 | 100 |
| 2011 | 16.1 | 15.1 | 100 |
| 2012 | 15.1 | 14.8 | 93 |
| 2013 | 13.7 | 13.5 | 93 |
| 2014 | 14.5 | 15.4 | 94 |
| 2015 | 15.9 | 13.5 | 93 |
| 2016 | 16.0 | 12.0 | 93 |
| 2017 | 18.7 | 11.2 | 93 |
| 2018 | 17.5 | 9.5 | 94 |
| 2019 | 11.0 | 6.0 | 94 |

1/ The vacancy rates are for Class A and Class B buildings which were included in the survey. Class A buildings are those in excellent locations which have high-quality tenants, high-quality finish, are well-maintained, are professionally managed, and are usually new, or old buildings that are competitive with new buildings. Class B buildings are those in good locations that are professionally managed and have fairly high-quality construction and tenancy. Class B buildings generally show very little functional obsolescence and deterioration.

2/ Downtown is comprised of the Central Business District Submarket. Buildings surveyed in Downtown are generally 40,000 square feet and above.

3/ Suburban is comprised of eight submarkets: Kapiolani Corridor (Ala Moana, Kakaako, Kapiolani); Waikiki; East Oahu (Hawaii Kai to Kahala); East Central Oahu (Kaimuku to Kalihi); West Central Oahu (Mapunapuna to Pearl City); Leeward (Pearl City to Waipahu); West Oahu (Waipahu to Kapolei); and Windward (Kailua to Kaneohe). Buildings surveyed in the suburban market are generally 20,000 square feet and above.

Source: CBRE Group Inc. "*Hawaii Market Outlook 2020*" <<https://www.cbre.us/research-and-reports/Hawaii-Market-Outlook-2020>> and CBRE Research, records.

Table 21.25--OFFICE, INDUSTRIAL AND RETAIL COMMERCIAL REAL ESTATE STATISTICS FOR OAHU: 2014 TO 2019

[As of December 31]

| Subject | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 |
|------------------------------------|---------|---------|---------|----------|---------|---------|
| Office | | | | | | |
| Vacancy rate (%) 1/ | 13.15 | 12.69 | 12.70 | 12.77 | 12.79 | 9.93 |
| Annual net absorption (sq. ft.) 2/ | -77,711 | 37,935 | 42,103 | -37,898 | -1,863 | 272,429 |
| Average asking base rent (\$) 3/ | 1.64 | 1.67 | 1.69 | 1.69 | 1.76 | 1.67 |
| Average operating expense (\$) 4/ | 1.34 | 1.34 | 1.36 | 1.35 | 1.38 | 1.41 |
| Industrial | | | | | | |
| Vacancy rate (%) 1/ | 2.12 | 1.65 | 1.60 | 1.97 | 2.03 | 2.04 |
| Annual net absorption (sq. ft.) 2/ | 262,706 | 173,186 | 64,582 | -157,222 | -25,997 | -5,368 |
| Average asking base rent (\$) 3/ | 1.10 | 1.13 | 1.21 | 1.30 | 1.21 | 1.21 |
| Average operating expense (\$) 4/ | 0.42 | 0.35 | 0.35 | 0.37 | 0.40 | 0.41 |
| Retail | | | | | | |
| Vacancy rate (%) 1/ | 4.09 | 5.07 | 8.40 | 5.85 | 5.26 | 5.37 |
| Annual net absorption (sq. ft.) 2/ | 12,972 | 461,436 | 502,178 | 453,754 | 358,054 | -41,717 |
| Average asking base rent (\$) 3/ | 3.64 | 3.84 | 3.92 | 4.00 | 4.14 | 4.19 |
| Average operating expense (\$) 4/ | 1.29 | 1.29 | 1.30 | 1.32 | 1.38 | 1.41 |

1/ Total available vacant office space divided by the inventory of multitenant office buildings.

2/ The net change in occupied space over the end of the previous time periods.

3/ Per square feet per month. The mean of the base asking rents for available space.

4/ Per square feet per month. Building operating expenses that are passthrough to the tenant.

Source: Colliers International, "Office Market Summary Report" (Q4 2019), "Industrial Market Year-End" (Q4 2019) and "Retail Market Summary" (Q4 2019) <[https://www2.colliers.com/en/Research#sort=%40fdaterz32xpublished55910%20descending&f:location=\[Hawaii\]](https://www2.colliers.com/en/Research#sort=%40fdaterz32xpublished55910%20descending&f:location=[Hawaii])> accessed April 27, 2020 and records.

**Table 21.26-- STATE GOVERNMENT CAPITAL IMPROVEMENT
PROJECT EXPENDITURES: 1990 TO 2019**

[In thousands of dollars]

| Year | Total expenditures | General obligation bond 1/ | Revenue bond 2/ | General fund (cash) | Special fund | Federal funds 3/ |
|------|--------------------|----------------------------|-----------------|---------------------|--------------|------------------|
| 1990 | 995,163 | 248,379 | 368,502 | 133,529 | 79,998 | 164,755 |
| 1991 | 1,027,189 | 210,022 | 326,414 | 121,108 | 164,915 | 204,730 |
| 1992 | 1,323,450 | 331,720 | 512,432 | 138,867 | 124,605 | 215,826 |
| 1993 | 1,188,315 | 472,515 | 225,431 | 89,917 | 147,351 | 253,101 |
| 1994 | 1,214,487 | 492,048 | 327,980 | 56,662 | 135,440 | 202,357 |
| 1995 | 822,327 | 342,423 | 77,560 | 19,672 | 169,901 | 212,772 |
| 1996 | 720,580 | 286,472 | 66,625 | 6,719 | 165,426 | 195,338 |
| 1997 | 898,496 | 345,440 | 220,496 | 3,181 | 163,130 | 166,249 |
| 1998 | 818,181 | 329,218 | 199,294 | 1,963 | 192,397 | 95,309 |
| 1999 | 626,916 | 293,229 | 35,735 | 348 | 212,446 | 85,159 |
| 2000 | 612,559 | 295,988 | 34,114 | 305 | 179,336 | 102,817 |
| 2001 | 611,167 | 328,885 | 44,123 | 331 | 114,234 | 123,594 |
| 2002 | 654,804 | 387,088 | 45,962 | 133 | 123,084 | 98,538 |
| 2003 | 847,667 | 416,975 | 197,475 | 1 | 119,653 | 113,563 |
| 2004 | 400,707 | 236,176 | -67,498 | 38 | 92,046 | 139,944 |
| 2005 | 765,953 | 337,222 | 98,672 | -973 | 173,610 | 157,422 |
| 2006 | 652,664 | 349,222 | 48,946 | 1,873 | 157,239 | 95,384 |
| 2007 | 1,131,450 | 545,559 | 95,979 | 33,812 | 247,366 | 208,734 |
| 2008 | 980,061 | 387,376 | 165,319 | 53,366 | 137,322 | 236,677 |
| 2009 | 1,102,080 | 507,997 | 114,942 | 24,568 | 223,789 | 230,784 |
| 2010 | 1,052,636 | 496,579 | 106,669 | 5,948 | 213,535 | 229,905 |
| 2011 | 1,004,491 | 517,179 | 95,371 | 2,579 | 182,313 | 207,049 |
| 2012 | 1,300,621 | 557,695 | 264,699 | 645 | 267,253 | 210,329 |
| 2013 | 1,150,213 | 588,437 | 150,063 | 1,970 | 215,374 | 194,369 |
| 2014 | 1,277,887 | 573,308 | 247,380 | 555 | 195,183 | 261,460 |
| 2015 | 1,265,048 | 659,172 | 196,761 | 17 | 158,538 | 250,559 |
| 2016 | 1,159,995 | 641,758 | 142,448 | 4,214 | 180,103 | 191,473 |
| 2017 | 1,311,263 | 740,920 | 196,618 | 82,061 | 138,118 | 153,545 |
| 2018 | 1,636,182 | 729,365 | 420,108 | 22,670 | 205,416 | 258,623 |
| 2019 | 1,447,221 | 675,605 | 411,558 | 5,842 | 96,982 | 257,234 |

1/ Consists of general obligation bonds and reimbursable general obligation bonds.

2/ Consists of revenue bonds and special purpose revenue bonds.

3/ Includes special federal aid: interstate, primary, secondary; and federal funds.

Source: Hawaii State Department of Accounting and General Services, records; calculations by the Hawaii State Department of Business, Economic Development & Tourism as cited in DBEDT's *Quarterly Statistical and Economic Report - 1st Quarter 2020* <<http://dbedt.hawaii.gov/economic/qser>> accessed April 27, 2020.

**Table 21.27-- HAWAII PUBLIC HOUSING AUTHORITY OPERATIONS:
2008 TO 2019**

[Fiscal year ending June 30 unless otherwise specified]

| Year | Total units owned and administered 1/ | Total units occupied, May 31 2/ | Total number of occupants, May 31 2/ | Average rent charged per unit per month (dollars) 2/ 3/ 4/ |
|-------------|--|--|---|---|
| 2008 | 6,195 | 5,649 | 15,778 | 302 |
| 2009 | 6,195 | 5,654 | 14,877 | 303 |
| 2010 | 6,195 | 5,679 | 14,789 | 286 |
| 2011 | 6,195 | 5,634 | 14,702 | 275 |
| 2012 | 5,737 | 5,184 | 13,784 | 266 |
| 2013 | 5,584 | 5,376 | 14,856 | 259 |
| 2014 | 5,584 | 5,356 | 13,827 | 285 |
| 2015 | 5,584 | 5,234 | 13,618 | 294 |
| 2016 | 5,584 | 5,232 | 13,655 | 299 |
| 2017 | 5,584 | 5,221 | 13,731 | 300 |
| 2018 | 5,700 | 5,143 | 13,298 | 366 |
| 2019 | 5,700 | 5,195 | 13,270 | 372 |

1/ Federal low-rent, 4,720; State low-rent, 864.

2/ Data does not include 570 Kuhio Park Terrace units which receive federal subsidies.

3/ Some units pay zero rent; some get a utility allowance greater than the amount of rent that would otherwise be charged. Federal projects only; Federal subsidies received between July and June (fiscal year).

4/ Average rent as of January of the following year.

Source: Hawaii State Department of Human Services, Hawaii Public Housing Authority, records.

**Table 21.28-- CHARACTERISTICS OF THE REAL ESTATE SUBSECTOR
(NAICS 531): 2017**

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

| NAICS code | Kind of business | Estab-lish-ments | Revenue (\$1,000) | Annual payroll (\$1,000) | Paid employ-ees 1/ |
|------------|---|------------------|-------------------|--------------------------|--------------------|
| 531 | Total | 1,650 | 3,204,834 | 517,731 | 9,153 |
| 5311 | Lessors of real estate | 639 | 1,934,351 | 170,217 | 3,310 |
| 53111 | Residential buildings & dwellings | 295 | 627,610 | 64,481 | 1,662 |
| 531110 | Residential buildings & dwellings | 295 | 627,610 | 64,481 | 1,662 |
| 53112 | Nonresidential buildings 2/ | 252 | 1,054,193 | 84,751 | 1,169 |
| 531120 | Nonresidential buildings 2/ | 252 | 1,054,193 | 84,751 | 1,169 |
| 53113 | Miniwarehouses & self-storage units | 57 | 76,489 | 7,281 | 230 |
| 531130 | Miniwarehouses & self-storage units | 57 | 76,489 | 7,281 | 230 |
| 53119 | Other real estate property | 35 | 176,059 | 13,704 | 249 |
| 531190 | Other real estate property | 35 | 176,059 | 13,704 | 249 |
| 5312 | Offices of real estate agents and brokers | 542 | 801,112 | 153,000 | 2,304 |
| 53121 | Offices of real estate agents and brokers | 542 | 801,112 | 153,000 | 2,304 |
| 531210 | Offices of real estate agents and brokers | 542 | 801,112 | 153,000 | 2,304 |
| 5313 | Activities related to real estate | 469 | 469,371 | 194,514 | 3,539 |
| 53131 | Real estate property managers | 337 | 399,459 | 162,368 | 3,096 |
| 531311 | Residential property managers | 240 | 273,981 | 110,805 | 2,334 |
| 531312 | Nonresidential property managers | 97 | 125,478 | 51,563 | 762 |
| 53132 | Offices of real estate appraisers | 65 | 17,791 | 7,494 | 133 |
| 531320 | Offices of real estate appraisers | 65 | 17,791 | 7,494 | 133 |
| 53139 | Other activities related to real estate | 67 | 52,121 | 24,652 | 310 |
| 531390 | Other activities related to real estate | 67 | 52,121 | 24,652 | 310 |

D Withheld to avoid disclosing data for individual companies.

1/ Pay period including March 12.

2/ Except miniwarehouses.

Source: U.S. Census Bureau, 2017 Economic Census, Table EC1751BASIC <<https://data.census.gov>> accessed May 20, 2020.

**Table 21.29-- CHARACTERISTICS OF THE REAL ESTATE SUBSECTOR
(NAICS 531), BY COUNTY AND PLACE: 2017**

[Includes establishments with payroll. Statistics based on the 2017 North American Industry Classification System (NAICS). Due to disclosure agreements, the Census Designated Places (CDPs) may not sum to their appropriate totals]

| Geographic area | Establishments (number) | Revenue (\$1,000) | Annual payroll (\$1,000) | Employees 1/ |
|--------------------------|------------------------------------|------------------------------|-------------------------------------|---------------------|
| State total | 1,650 | 3,204,834 | 517,731 | 9,153 |
| Hawaii County | 212 | 172,167 | 39,299 | 818 |
| Hawaiian Paradise Park | 3 | 667 | 127 | 3 |
| Hilo | 67 | 35,962 | 6,872 | 208 |
| Holualoa | 12 | 3,485 | 1,479 | 33 |
| Kahaluu-Keauhou | (D) | (D) | (D) | (2/) |
| Kailua | 34 | 33,019 | 6,516 | 143 |
| Kalaoa | (D) | (D) | (D) | (2/) |
| Waikoloa Village | 16 | 41,358 | 11,677 | 134 |
| Waimea | 6 | 8,323 | 384 | 9 |
| Balance of Hawaii County | (D) | (D) | 7,423 | (4/) |
| Honolulu County | 1,083 | 2,622,969 | 393,977 | 6,761 |
| Aiea | 12 | 5,459 | 1,032 | 24 |
| East Honolulu | 49 | 23,385 | 5,178 | 91 |
| Ewa Beach | 5 | 3,126 | 283 | 8 |
| Ewa Gentry | 4 | 970 | 469 | 17 |
| Halawa | (D) | (D) | (D) | (3/) |
| Haleiwa | (D) | (D) | (D) | (2/) |
| Kahuku | 5 | 7,566 | 1,213 | 21 |
| Kailua | 47 | 39,358 | 8,660 | 140 |
| Kaneohe | 24 | 20,418 | 3,945 | 102 |
| Kapolei | (D) | (D) | 18,810 | (4/) |
| Ko Olina | (D) | (D) | (D) | (2/) |
| Makakilo | 7 | 742 | 307 | 5 |
| Mililani Mauka | (D) | (D) | (D) | (3/) |

Continued on next page.

**Table 21.29-- CHARACTERISTICS OF THE REAL ESTATE SUBSECTOR
(NAICS 531), BY COUNTY AND PLACE: 2017 -- Con.**

| Geographic area | Establish- ments (number) | Revenue (\$1,000) | Annual payroll (\$1,000) | Employees 1/ |
|----------------------------|--|------------------------------|-------------------------------------|---------------------|
| Honolulu County - Con. | | | | |
| Mililani Town | (D) | (D) | (D) | (3/) |
| Ocean Pointe | 6 | 11,256 | 1,398 | 12 |
| Pearl City | 17 | 7,516 | 1,132 | 44 |
| Pupukea | 4 | 1,587 | (D) | (2/) |
| Urban Honolulu | 725 | 1,508,623 | 275,656 | 4,649 |
| Wahiawa | 14 | 8,004 | 1,514 | 35 |
| Waianae | (D) | (D) | (D) | (3/) |
| Waikele | (D) | (D) | 970 | (2/) |
| Waimalu | 25 | 75,688 | 5,282 | 93 |
| Waipahu | 23 | 20,519 | 3,570 | 92 |
| Waipio | (D) | (D) | (D) | (3/) |
| Balance of Honolulu County | 28 | 115,137 | 17,497 | 266 |
| Kauai County | 114 | 114,427 | 33,227 | 564 |
| Kalaheo | 6 | 4,711 | 1,011 | 17 |
| Kapaa | (D) | (D) | (D) | (3/) |
| Kilauea | (D) | (D) | (D) | (2/) |
| Koloa | 10 | 7,766 | 1,438 | 23 |
| Lihue | 27 | 29,338 | 13,900 | 182 |
| Puhi | (D) | (D) | (D) | (2/) |
| Wailua Homesteads | (D) | (D) | (D) | (2/) |
| Balance of Kauai County | 36 | 53,797 | 11,332 | 247 |
| Maui County | 241 | 295,271 | 51,228 | 1,010 |
| Haiku-Pauwela | (D) | (D) | (D) | (2/) |
| Kaanapali | 12 | 32,939 | 3,317 | 46 |
| Kahului | 21 | 26,453 | 6,386 | 102 |
| Kaunakakai | 6 | 3,372 | 747 | 22 |

Continued on next page.

**Table 21.29-- CHARACTERISTICS OF THE REAL ESTATE SUBSECTOR
(NAICS 531), BY COUNTY AND PLACE: 2017 -- Con.**

| Geographic area | Establish- ments (number) | Revenue (\$1,000) | Annual payroll (\$1,000) | Employees 1/ |
|------------------------|--|------------------------------|-------------------------------------|---------------------|
| Maui County - Con. | | | | |
| Kihei | 46 | 37,910 | 7,500 | 205 |
| Kula | 4 | 1,255 | 329 | 13 |
| Lahaina | 34 | 104,459 | 16,415 | 278 |
| Makawao | (D) | (D) | (D) | (2/) |
| Napili-Honokowai | (D) | (D) | (D) | (3/) |
| Paia | (D) | (D) | (D) | (2/) |
| Waihee-Waiehu | (D) | (D) | (D) | (2/) |
| Waikapu | (D) | (D) | (D) | (2/) |
| Wailea | 23 | 33,684 | (D) | (3/) |
| Wailuku | 36 | 22,327 | 6,119 | 120 |
| Balance of Maui County | (D) | (D) | 2,621 | (3/) |

D Withheld to avoid disclosing data for individual companies.

1/ Paid employees, pay period including March 12.

2/ 0 to 19 employees.

3/ 20 to 99 employees.

4/ 100 to 249 employees.

Source: U.S. Census Bureau, 2017 Economic Census, Table EC1751BASIC <<https://data.census.gov>> accessed May 20, 2020.

Table 21.30-- REAL ESTATE LICENSES, ACTIVE AND INACTIVE, BY TYPE OF LICENSE AND LOCATION: FEBRUARY 3, 2020

[Real estate licenses are subject to renewal on or before December 31 of each even-numbered year]

| Type of license | Active | Inactive | Location 1/ | Active | Inactive |
|---|--------|----------|---------------|--------|----------|
| Total | 14,728 | 4,641 | Total | 14,728 | 4,641 |
| Broker | 5,903 | 691 | Oahu | 8,991 | 2,461 |
| Individual | 3,494 | 608 | Hawaii | 1,982 | 473 |
| Sole owner | 804 | 2 | Maui | 2,357 | 580 |
| Corporation or partnership | 720 | 39 | Kauai | 941 | 309 |
| Limited liability corporation/ limited liability partnership | 885 | 42 | Molokai | 38 | 10 |
| | | | Lanai | 11 | 3 |
| | | | U.S. mainland | 404 | 775 |
| Salesman | 8,825 | 3,950 | Foreign | 4 | 14 |
| | | | Other | - | 16 |

1/ Based on address of licensee.

Source: Hawaii State Department of Commerce and Consumer Affairs, Professional and Vocational Licensing Division, *Geographic Report (Current Licenses) as of February 3, 2020*, FY 2020
 <<http://cca.hawaii.gov/pvl/reports/>> accessed May 11, 2020.

Table 21.31-- MULTIPLE LISTING SERVICE LISTINGS AND SALES, FOR OAHU: 1988 TO 2019

[For years 1988 to 2012, data include single family, multi-family, condominium/cooperative, vacant, commercial/industrial, and business opportunities. For 2013 and single thereafter, data include only family and condominium/cooperative listings]

| Year | Number listed | Number sold | Percent sold | Mean sales price (dollars) |
|-------------|----------------------|--------------------|---------------------|-----------------------------------|
| 1988 | 14,548 | 9,886 | 68.0 | 201,000 |
| 1989 | 13,873 | 9,757 | 70.3 | 238,257 |
| 1990 | 17,097 | 9,243 | 54.1 | 319,500 |
| 1991 | 15,280 | 5,682 | 37.2 | 299,599 |
| 1992 | 13,421 | 5,509 | 41.0 | 292,342 |
| 1993 | 13,124 | 5,371 | 40.9 | 297,149 |
| 1994 | 12,655 | 5,759 | 45.5 | 297,428 |
| 1995 | 12,834 | 4,060 | 31.6 | 307,617 |
| 1996 | 12,147 | 3,896 | 32.1 | 300,494 |
| 1997 | 11,868 | 4,313 | 36.3 | 281,785 |
| 1998 | 11,721 | 5,351 | 45.7 | 269,839 |
| 1999 | 11,173 | 6,381 | 57.1 | 265,009 |
| 2000 | 11,797 | 7,404 | 62.8 | 278,814 |
| 2001 | 12,339 | 7,953 | 64.5 | 265,047 |
| 2002 | 13,967 | 9,695 | 69.4 | 286,594 |
| 2003 | 15,464 | 11,831 | 76.5 | 319,964 |
| 2004 | 17,817 | 13,110 | 73.6 | 388,954 |
| 2005 | 19,268 | 13,181 | 68.4 | 492,835 |
| 2006 | 18,905 | 10,823 | 57.2 | 545,137 |
| 2007 | 17,030 | 9,484 | 55.7 | 557,943 |
| 2008 | 16,060 | 6,936 | 43.2 | 563,993 |
| 2009 | 12,540 | 6,205 | 49.5 | 495,340 |
| 2010 | 13,165 | 7,187 | 54.6 | 537,945 |
| 2011 | 12,070 | 7,192 | 59.6 | 519,690 |
| 2012 | 10,746 | 7,760 | 72.2 | 547,816 |
| 2013 | 11,277 | 8,231 | 73.0 | 559,155 |
| 2014 | 12,134 | 8,379 | 69.1 | 588,544 |
| 2015 | 12,511 | 8,644 | 69.1 | 601,301 |
| 2016 | 11,762 | 9,127 | 77.6 | 624,449 |
| 2017 | 12,647 | 9,732 | 77.0 | 648,776 |
| 2018 | 13,145 | 9,288 | 70.7 | 689,726 |
| 2019 | 13,705 | 9,158 | 66.8 | 696,869 |

Source: Honolulu Board of Realtors, Multiple Listing Service records; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 21.32-- MULTIPLE LISTING SERVICE LISTINGS AND SALES, BY TYPE OF PROPERTY, FOR OAHU: 2016 TO 2019

| Year and type of property | Number listed | Number sold | Percent sold | Sales price (dollars) | |
|---------------------------|---------------|-------------|--------------|-----------------------|---------|
| | | | | Median | Mean |
| 2016 | | | | | |
| Total | 11,762 | 9,127 | 77.6 | 525,000 | 624,449 |
| Single family | 4,820 | 3,678 | 76.3 | 735,000 | 891,332 |
| Condominium/cooperative | 6,942 | 5,449 | 78.5 | 390,000 | 447,512 |
| 2017 | | | | | |
| Total | 12,647 | 9,732 | 77.0 | 545,000 | 648,776 |
| Single family | 5,054 | 3,908 | 77.3 | 755,000 | 916,506 |
| Condominium/cooperative | 7,593 | 5,824 | 76.7 | 405,000 | 469,381 |
| 2018 | | | | | |
| Total | 13,145 | 9,288 | 70.7 | 560,000 | 689,726 |
| Single family | 5,199 | 3,609 | 69.4 | 790,000 | 991,420 |
| Condominium/cooperative | 7,946 | 5,679 | 71.5 | 420,000 | 497,974 |
| 2019 | | | | | |
| Total | 13,705 | 9,158 | 66.8 | 588,400 | 696,869 |
| Single family | 5,398 | 3,750 | 69.5 | 789,000 | 953,772 |
| Condominium/cooperative | 8,307 | 5,408 | 65.1 | 425,000 | 519,375 |

Source: Honolulu Board of Realtors, Multiple Listing Service records.

**Table 21.33-- MULTIPLE LISTING SERVICE SINGLE FAMILY HOMES SOLD,
BY SELLING PRICE RANGE, FOR OAHU: 2016 TO 2019**

| Selling price range | 2016 | 2017 | 2018 | 2019 |
|------------------------|---------|---------|---------|---------|
| All properties | 3,678 | 3,908 | 3,609 | 3,750 |
| On leased land | 31 | 33 | 29 | 27 |
| Percent | 0.8 | 0.8 | 0.8 | 0.7 |
| Less than \$100,000 | - | - | - | 2 |
| \$100,000 to \$149,999 | 2 | 3 | 6 | 1 |
| \$150,000 to \$199,999 | 7 | 6 | 4 | 3 |
| \$200,000 to \$249,999 | 15 | 11 | 5 | 4 |
| \$250,000 to \$299,999 | 25 | 21 | 11 | 14 |
| \$300,000 to \$349,999 | 43 | 35 | 31 | 21 |
| \$350,000 to \$399,999 | 67 | 58 | 53 | 34 |
| \$400,000 to \$449,999 | 83 | 73 | 66 | 58 |
| \$450,000 to \$499,999 | 132 | 113 | 86 | 67 |
| \$500,000 to \$549,999 | 204 | 181 | 135 | 140 |
| \$550,000 to \$599,999 | 334 | 288 | 164 | 173 |
| \$600,000 to \$649,999 | 300 | 342 | 280 | 297 |
| \$650,000 to \$699,999 | 369 | 404 | 372 | 422 |
| \$700,000 to \$799,999 | 604 | 699 | 648 | 690 |
| \$800,000 to \$899,999 | 437 | 471 | 474 | 489 |
| \$900,000 to \$999,999 | 244 | 296 | 313 | 384 |
| \$1.0 to \$1.9 million | 667 | 745 | 800 | 799 |
| \$2.0 to \$2.9 million | 96 | 104 | 92 | 94 |
| \$3.0 to \$3.9 million | 25 | 34 | 27 | 27 |
| \$4.0 to \$4.9 million | 9 | 11 | 14 | 11 |
| \$5.0 million or more | 15 | 13 | 28 | 20 |
| Median value (dollars) | 735,000 | 755,000 | 790,000 | 789,000 |
| Mean value (dollars) | 891,332 | 916,506 | 991,420 | 953,772 |

Source: Honolulu Board of Realtors, Multiple Listing Service records.

Table 21.34-- MULTIPLE LISTING SERVICE CONDOMINIUM AND COOPERATIVE UNITS SOLD, BY SELLING PRICE RANGE, FOR OAHU: 2016 TO 2019

| Selling price range | 2016 | 2017 | 2018 | 2019 | | |
|------------------------|---------|---------|---------|---------|------------|-----------|
| | | | | Total | Fee simple | Leasehold |
| All properties | 5,449 | 5,824 | 5,679 | 5,408 | 5,067 | 341 |
| Less than \$50,000 | 21 | 16 | 15 | 13 | - | 13 |
| \$50,000 to \$74,999 | 52 | 33 | 40 | 33 | 8 | 25 |
| \$75,000 to \$99,999 | 78 | 71 | 62 | 48 | 12 | 36 |
| \$100,000 to \$124,999 | 90 | 71 | 66 | 44 | 13 | 31 |
| \$125,000 to \$149,999 | 98 | 94 | 66 | 55 | 26 | 29 |
| \$150,000 to \$174,999 | 154 | 114 | 98 | 81 | 44 | 37 |
| \$175,000 to \$199,999 | 154 | 167 | 146 | 143 | 115 | 28 |
| \$200,000 to \$224,999 | 172 | 208 | 150 | 170 | 139 | 31 |
| \$225,000 to \$249,999 | 198 | 214 | 190 | 181 | 156 | 25 |
| \$250,000 to \$274,999 | 247 | 218 | 195 | 167 | 153 | 14 |
| \$275,000 to \$299,999 | 281 | 253 | 235 | 205 | 192 | 13 |
| \$300,000 to \$349,999 | 683 | 665 | 586 | 516 | 488 | 28 |
| \$350,000 to \$399,999 | 627 | 714 | 727 | 721 | 710 | 11 |
| \$400,000 to \$449,999 | 551 | 589 | 572 | 535 | 525 | 10 |
| \$450,000 to \$499,999 | 487 | 540 | 478 | 425 | 421 | 4 |
| \$500,000 to \$599,999 | 619 | 770 | 858 | 826 | 823 | 3 |
| \$600,000 to \$699,999 | 376 | 428 | 413 | 447 | 444 | 3 |
| \$700,000 to \$799,999 | 170 | 180 | 238 | 248 | 248 | - |
| \$800,000 to \$899,999 | 124 | 147 | 145 | 132 | 132 | - |
| \$900,000 to \$999,999 | 67 | 93 | 113 | 121 | 121 | - |
| \$1,000,000 or more | 200 | 239 | 286 | 297 | 297 | - |
| Median value (dollars) | 390,000 | 405,000 | 420,000 | 425,000 | 445,000 | 174,000 |
| Mean value (dollars) | 447,512 | 469,381 | 497,974 | 519,375 | 541,127 | 194,020 |

Source: Honolulu Board of Realtors, Multiple Listing Service records.

Table 21.35-- MULTIPLE LISTING SERVICE, NUMBER OF SINGLE FAMILY AND CONDOMINIUM SALES, BY COUNTY: 2002 TO 2019

| Category and year | State total | Oahu 1/ | Hawaii | Kauai | Maui |
|-------------------|-------------|----------|--------|-------|-------|
| Single family | | | | | |
| 2002 | 7,380 | 3,885 | 1,932 | 538 | 1,025 |
| 2003 | 8,891 | 4,477 | 2,310 | 676 | 1,428 |
| 2004 | 9,395 | 4,749 | 2,692 | 698 | 1,256 |
| 2005 | 9,401 | 4,616 | 2,757 | 671 | 1,357 |
| 2006 | 7,567 | 3,928 | 2,084 | 477 | 1,078 |
| 2007 | 6,787 | 3,557 | 1,683 | 408 | 1,139 |
| 2008 | 5,031 | 2,694 | 1,148 | 284 | 905 |
| 2009 | 4,870 | 2,643 | 1,247 | 263 | 717 |
| 2010 | 5,647 | 2,964 | 1,510 | 358 | 815 |
| 2011 | 5,748 | 2,868 | 1,620 | 361 | 899 |
| 2012 | 6,036 | 3,062 | 1,611 | 424 | 939 |
| 2013 | 6,665 | 3,346 | 1,886 | 447 | 986 |
| 2014 | 6,689 | 3,390 | 1,885 | 467 | 947 |
| 2015 | 7,181 | 3,584 | 2,018 | 488 | 1,091 |
| 2016 | 7,763 | 3,815 | 2,303 | 568 | 1,077 |
| 2017 | 8,210 | 4,063 | 2,494 | 552 | 1,101 |
| 2018 | 7,767 | 3,708 | 2,329 | 592 | 1,138 |
| 2019 | 7,945 | 3,825 | 2,425 | 579 | 1,116 |
| Condominium | | | | | |
| 2002 | 8,284 | 5,407 | 706 | 472 | 1,699 |
| 2003 | 10,620 | 7,110 | 956 | 535 | 2,019 |
| 2004 | 11,711 | 8,156 | 1,081 | 521 | 1,953 |
| 2005 | 11,938 | 8,041 | 1,166 | 673 | 2,058 |
| 2006 | 8,875 | 6,197 | 750 | 698 | 1,230 |
| 2007 | 7,426 | 5,428 | 519 | 295 | 1,184 |
| 2008 | 5,190 | 3,862 | 371 | 169 | 788 |
| 2009 | 4,827 | 3,497 | 328 | 161 | 841 |
| 2010 | 5,736 | 3,831 | 521 | 235 | 1,149 |
| 2011 | 5,978 | 3,927 | 605 | 289 | 1,157 |
| 2012 | 6,447 | 4,284 | 592 | 318 | 1,253 |
| 2013 | 7,203 | 4,868 | 645 | 351 | 1,339 |
| 2014 | 7,084 | 4,907 | 646 | 327 | 1,204 |
| 2015 | 7,373 | 5,147 | 662 | 365 | 1,199 |
| 2016 | 7,978 | 5,569 | 725 | 373 | 1,311 |
| 2017 | 8,735 | 5,976 | 854 | 451 | 1,454 |
| 2018 | 2/ 8,761 | 2/ 5,795 | 833 | 481 | 1,652 |
| 2019 | 8,337 | 5,456 | 861 | 413 | 1,607 |

1/ May differ from Honolulu Board of Realtors data used in other *Data Book* tables.

2/ Revised from previous *Data Book*.

Source: Locations Research, records.

Table 21.36-- MULTIPLE LISTING SERVICE, MEDIAN SALES PRICE OF SINGLE FAMILY AND CONDOMINIUM SALES, BY COUNTY: 2002 TO 2019

[In dollars]

| Category and year | State total | Oahu 1/ | Hawaii | Kauai | Maui |
|-------------------|-------------|------------|---------|---------|---------|
| Single family | | | | | |
| 2002 | 310,000 | 335,000 | 193,500 | 327,750 | 375,000 |
| 2003 | 360,000 | 385,000 | 235,000 | 366,375 | 440,000 |
| 2004 | 440,000 | 465,000 | 290,000 | 498,925 | 560,000 |
| 2005 | 560,000 | 590,000 | 385,000 | 639,000 | 678,000 |
| 2006 | 599,133 | 630,000 | 421,250 | 675,000 | 690,000 |
| 2007 | 595,000 | 645,000 | 395,000 | 650,000 | 630,137 |
| 2008 | 560,000 | 625,000 | 345,000 | 615,000 | 575,000 |
| 2009 | 497,750 | 580,000 | 278,800 | 470,000 | 498,106 |
| 2010 | 487,000 | 599,950 | 260,000 | 497,500 | 460,000 |
| 2011 | 470,000 | 579,500 | 246,450 | 455,000 | 432,000 |
| 2012 | 500,000 | 625,000 | 260,000 | 458,750 | 470,000 |
| 2013 | 545,000 | 650,000 | 295,000 | 529,000 | 530,000 |
| 2014 | 575,000 | 673,500 | 315,000 | 533,000 | 570,000 |
| 2015 | 600,000 | 700,000 | 328,750 | 613,500 | 580,000 |
| 2016 | 632,500 | 735,000 | 330,000 | 625,500 | 639,000 |
| 2017 | 660,000 | 760,000 | 350,000 | 660,000 | 695,000 |
| 2018 | 689,000 | 790,000 | 360,000 | 699,500 | 710,000 |
| 2019 | 695,000 | 790,000 | 379,000 | 660,000 | 741,178 |
| Condominium | | | | | |
| 2002 | 165,000 | 153,000 | 165,500 | 210,000 | 207,000 |
| 2003 | 185,000 | 175,000 | 185,000 | 287,000 | 241,000 |
| 2004 | 230,000 | 208,125 | 275,000 | 375,000 | 310,000 |
| 2005 | 299,000 | 269,000 | 369,500 | 435,000 | 385,000 |
| 2006 | 339,000 | 310,000 | 426,498 | 405,000 | 510,000 |
| 2007 | 350,000 | 325,000 | 394,900 | 565,000 | 550,000 |
| 2008 | 347,750 | 325,000 | 370,000 | 545,000 | 549,500 |
| 2009 | 319,000 | 305,000 | 276,550 | 330,000 | 450,000 |
| 2010 | 310,000 | 305,000 | 260,000 | 270,000 | 377,500 |
| 2011 | 290,000 | 300,000 | 212,500 | 237,000 | 310,000 |
| 2012 | 317,500 | 315,000 | 257,750 | 290,000 | 358,000 |
| 2013 | 333,000 | 332,000 | 250,000 | 310,000 | 374,000 |
| 2014 | 351,000 | 350,000 | 280,000 | 346,000 | 415,000 |
| 2015 | 363,000 | 360,000 | 275,000 | 360,000 | 410,000 |
| 2016 | 390,000 | 390,000 | 300,000 | 399,000 | 415,000 |
| 2017 | 409,000 | 410,000 | 312,000 | 435,000 | 445,000 |
| 2018 | 430,000 | 2/ 422,000 | 350,000 | 461,000 | 500,000 |
| 2019 | 443,000 | 425,000 | 362,000 | 574,000 | 515,000 |

1/ May differ from Honolulu Board of Realtors data used in other *Data Book* tables.

2/ Revised from previous *Data Book*.

Source: Locations Research, records.

Table 21.37-- HOME SALES, BY TYPE OF HOME: 2008 TO 2019

| Year | Number of homes | | | Average price of homes (dollars) | | |
|------|-----------------|---------------|--------------|----------------------------------|---------------|--------------|
| | Total | Single family | Condo-minium | Total | Single family | Condo-minium |
| 2008 | 18,813 | 8,842 | 9,971 | 517,829 | 603,676 | 441,703 |
| 2009 | 16,188 | 8,384 | 7,804 | 466,218 | 530,231 | 397,448 |
| 2010 | 21,167 | 11,073 | 10,094 | 486,107 | 535,993 | 431,383 |
| 2011 | 17,092 | 7,626 | 9,466 | 470,407 | 570,928 | 389,425 |
| 2012 | 16,220 | 7,544 | 8,676 | 493,111 | 604,739 | 396,047 |
| 2013 | 17,834 | 8,068 | 9,766 | 541,872 | 682,282 | 425,876 |
| 2014 | 17,713 | 8,075 | 9,638 | 594,440 | 725,920 | 484,281 |
| 2015 | 19,355 | 8,227 | 11,128 | 592,447 | 755,414 | 471,964 |
| 2016 | 19,834 | 8,239 | 11,595 | 655,775 | 771,985 | 573,200 |
| 2017 | 20,474 | 8,340 | 12,134 | 697,634 | 802,613 | 625,480 |
| 2018 | 20,409 | 8,632 | 11,777 | 719,489 | 841,532 | 630,036 |
| 2019 | 20,110 | 9,187 | 10,923 | 672,232 | 796,752 | 567,502 |

Source: Title Guaranty of Hawaii, Inc. based on Hawaii Department of Natural Resources, Bureau of Conveyances data. Calculations by Hawaii Department of Business, Economic Development & Tourism. See also DBEDT's *Quarterly Statistical and Economic Report - 1st Quarter 2020*, Table E-9 <<http://dbedt.hawaii.gov/economic/qser>> accessed May 27, 2020.

Table 21.38-- HOME SALES, BY ORIGIN OF BUYER: 2008 TO 2019

| Year | Number of homes | | | Average price of homes (dollars) | | |
|------|-----------------|-----------------|----------------|----------------------------------|-----------------|----------------|
| | Local buyers | Mainland buyers | Foreign buyers | Local buyers | Mainland buyers | Foreign buyers |
| 2008 | 13,616 | 4,427 | 770 | 467,082 | 653,776 | 633,598 |
| 2009 | 11,426 | 4,163 | 599 | 422,650 | 528,042 | 867,617 |
| 2010 | 14,069 | 6,207 | 891 | 445,632 | 532,752 | 800,285 |
| 2011 | 11,889 | 4,349 | 854 | 433,611 | 507,601 | 793,250 |
| 2012 | 12,017 | 3,406 | 797 | 454,075 | 581,827 | 702,552 |
| 2013 | 13,378 | 3,775 | 681 | 494,544 | 663,508 | 797,359 |
| 2014 | 13,455 | 3,655 | 603 | 533,470 | 757,000 | 969,551 |
| 2015 | 15,077 | 3,698 | 580 | 546,146 | 751,210 | 783,774 |
| 2016 | 15,311 | 3,702 | 821 | 589,614 | 795,652 | 1,258,892 |
| 2017 | 15,835 | 3,917 | 722 | 629,455 | 866,514 | 1,276,758 |
| 2018 | 15,525 | 3,956 | 928 | 650,139 | 867,190 | 1,250,040 |
| 2019 | 15,823 | 3,747 | 540 | 622,960 | 824,451 | 1,059,771 |

Source: Title Guaranty of Hawaii, Inc. based on Hawaii Department of Natural Resources, Bureau of Conveyances data. Calculations by Hawaii Department of Business, Economic Development & Tourism. See also DBEDT's *Quarterly Statistical and Economic Report - 1st Quarter 2020*, Table E-10 <<http://dbedt.hawaii.gov/economic/qser>> accessed May 27, 2020.

**Table 21.39-- HOME SALES, BY ORIGIN OF BUYER, BY COUNTY:
2018 AND 2019**

| Subject | All buyers | Local buyers | Mainland buyers | Foreign buyers |
|--------------------------------------|-------------------|---------------------|------------------------|-----------------------|
| 2018 | | | | |
| Total number of home sales | | | | |
| Statewide | 20,409 | 15,525 | 3,956 | 928 |
| Honolulu County | 12,993 | 11,052 | 1,202 | 739 |
| Hawaii County | 3,412 | 2,002 | 1,329 | 81 |
| Kauai County | 1,176 | 703 | 461 | 12 |
| Maui County | 2,828 | 1,768 | 964 | 96 |
| Average home sale price (dollars) 1/ | | | | |
| Statewide | 719,489 | 650,139 | 867,190 | 1,250,040 |
| Honolulu County | 754,537 | 705,448 | 898,862 | 1,253,924 |
| Hawaii County | 537,563 | 394,462 | 704,015 | 1,343,418 |
| Kauai County | 722,596 | 576,855 | 933,613 | 1,154,042 |
| Maui County | 776,665 | 623,047 | 1,020,893 | 1,153,351 |
| 2019 | | | | |
| Total number of home sales | | | | |
| Statewide | 20,110 | 15,823 | 3,747 | 540 |
| Honolulu County | 12,553 | 10,933 | 1,204 | 416 |
| Hawaii County | 3,889 | 2,404 | 1,419 | 66 |
| Kauai County | 1,148 | 726 | 412 | 10 |
| Maui County | 2,520 | 1,760 | 712 | 48 |
| Average home sale price (dollars) 1/ | | | | |
| Statewide | 672,232 | 622,960 | 824,451 | 1,059,771 |
| Honolulu County | 695,365 | 667,292 | 751,161 | 1,008,848 |
| Hawaii County | 514,905 | 375,371 | 728,322 | 1,008,840 |
| Kauai County | 716,973 | 563,867 | 987,369 | 692,130 |
| Maui County | 779,415 | 648,012 | 1,045,693 | 1,647,725 |

1/ Calculated by dividing the total sales amount by the total number of sales.

Source: Title Guaranty of Hawaii, Inc. based on Hawaii Department of Natural Resources, Bureau of Conveyances data. Calculations by Hawaii Department of Business, Economic Development & Tourism. See also DBEDT's *Quarterly Statistical and Economic Report - 1st Quarter 2020*, Table E-9, E-10, and G-29 to G-36 <<http://dbedt.hawaii.gov/economic/qser>> accessed May 27, 2020.

**Table 21.40-- FORECLOSURE FILINGS, BY JUDICIAL CIRCUIT:
1993 TO 2019**

| Year | State total | First Circuit 1/ | Second Circuit 2/ | Third Circuit 3/ | Fifth Circuit 4/ |
|------|-------------|------------------|-------------------|------------------|------------------|
| 1993 | 1,436 | 950 | 204 | 216 | 66 |
| 1994 | 1,578 | 1,022 | 240 | 222 | 94 |
| 1995 | 1,957 | 1,204 | 317 | 293 | 143 |
| 1996 | 2,800 | 1,828 | 464 | 352 | 156 |
| 1997 | 3,148 | 2,205 | 421 | 362 | 160 |
| 1998 | 3,626 | 2,662 | 422 | 359 | 183 |
| 1999 | 2,934 | 2,135 | 324 | 339 | 136 |
| 2000 | 2,153 | 1,591 | 228 | 251 | 83 |
| 2001 | 1,913 | 1,390 | 197 | 246 | 80 |
| 2002 | 948 | 624 | 110 | 151 | 63 |
| 2003 | 621 | 396 | 78 | 112 | 35 |
| 2004 | 437 | 283 | 51 | 80 | 23 |
| 2005 | 308 | 198 | 47 | 51 | 12 |
| 2006 | 453 | 266 | 59 | 105 | 23 |
| 2007 | 718 | 395 | 101 | 188 | 34 |
| 2008 | 1,363 | 666 | 254 | 359 | 84 |
| 2009 | 1,800 | 786 | 386 | 488 | 140 |
| 2010 | 1,300 | 611 | 280 | 316 | 93 |
| 2011 | 2,657 | 1,171 | 571 | 750 | 165 |
| 2012 | 3,188 | 1,505 | 678 | 860 | 145 |
| 2013 | 3,422 | 1,504 | 728 | 961 | 229 |
| 2014 | 2,084 | 1,026 | 397 | 543 | 118 |
| 2015 | 1,826 | 861 | 357 | 525 | 83 |
| 2016 | 1,734 | 838 | 302 | 506 | 88 |
| 2017 | 1,461 | 689 | 228 | 471 | 73 |
| 2018 | 1,261 | 751 | 163 | 279 | 68 |
| 2019 | 1,198 | 704 | 136 | 308 | 50 |

NA Not available.

1/ City and County of Honolulu.

2/ Maui County includes Kalawao on Molokai.

3/ Hawaii County.

4/ Kauai County.

Source: Office of the Administrative Director of the Courts, records.

Table 21.41-- ELEVATORS, ESCALATORS, AND SIMILAR FACILITIES: 2017

[As of December 31]

| Facility | State total | Oahu | Hawaii | | Maui | Molo-kai | Lanai | Kauai |
|---|-------------|-------|--------|------|------|----------|-------|-------|
| | | | Hilo | Kona | | | | |
| Total | 7,120 | 5,416 | 200 | 356 | 827 | 2 | 25 | 294 |
| Elevators | 5,977 | 4,487 | 158 | 339 | 722 | - | 24 | 247 |
| Hydro (Under 9 stories) | 2,158 | 1,334 | 98 | 197 | 367 | - | 9 | 153 |
| Roped: | 3,819 | 3,153 | 60 | 142 | 355 | - | 15 | 94 |
| Under 9 stories | 1,867 | 1,326 | 51 | 142 | 253 | - | 15 | 80 |
| 9 to 18 stories | 1,124 | 999 | 9 | - | 102 | - | - | 14 |
| 19 to 28 stories | 398 | 398 | - | - | - | - | - | - |
| 29 to 38 stories | 280 | 280 | - | - | - | - | - | - |
| 39 stories or more | 150 | 150 | - | - | - | - | - | - |
| Escalators & moving walks/ speed ramps | 471 | 440 | 5 | - | 24 | - | - | 2 |
| Inclined lifts | 11 | 10 | - | 1 | - | - | - | - |
| Private industrial elevators | 61 | 34 | - | 1 | 14 | - | - | 12 |
| Manlifts | 16 | 9 | - | 3 | 1 | - | - | 3 |
| Handicap/chairlifts | 408 | 304 | 27 | 8 | 43 | 2 | 1 | 23 |
| Dumbwaiters | 176 | 132 | 10 | 4 | 23 | - | - | 7 |

Source: Hawaii State Department of Labor and Industrial Relations, Division of Occupational Safety and Health, Boiler and Elevator Inspection Bureau, records.

Table 21.42-- TALLEST STRUCTURES, BY ISLAND

[Oahu, Kauai and Hawaii counties are updated as of 2018; Maui county is updated as of 2019]

| Island | Structure | Location | Year completed | Height | |
|--------------------|--|---|----------------|----------|------------|
| | | | | Stories | Feet |
| Buildings 1/ | | | | | |
| Hawaii | Bayshore Towers | Hilo | 1970 | 15 | 135 |
| Maui | The Whaler | Kaanapali | 1975 | 12 | 170 |
| Lanai | Manele Hotel | Hulopoe Bay | 1991 | 3 | 48 |
| Molokai | Molokai Light Station | Kalaupapa | 1909 | (NA) | 138 |
| Oahu 2/ Oahu 2/ | First Hawaiian Center Pacifica Honolulu | 999 Bishop Street 1009 Kapiolani Blvd. | 1996 2012 | 27 48 | 430 400 |
| Kauai | Marriott Resort & Beach Club | Lihue | 1959 | 10 | 107 |
| Other structures | | | | | |
| Hawaii | AT&T Tower Ninole | Ninole (Homestead Road) | (NA) | (X) | 210 |
| Maui | (NA) | (NA) | (NA) | (NA) | (NA) |
| Lanai | Storage tanks | Manele Harbor | (NA) | (X) | 50 |
| Molokai | Aeronautical tower | West end of Molokai | (NA) | (X) | 178 |
| Oahu | VLF Antenna | Lualualei | 1972 | (X) | 1,503 |
| Kauai | Communication Engineers Tower | Mana | 1964 | (X) | 400 |

NA Not available.

X Not applicable.

1/ Shown separately for the tallest in feet and also (if different) for the tallest in number of stories.

2/ Not shown are several 400 feet tall buildings with fewer than 48 stories.

Source: County building departments.