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).

The principal sources for these data are the U.S. Bureau of the Census, various series compiled by state and county agencies (primarily the Hawaii Housing Authority, Hawaii State Department of Business, Economic Development & Tourism, Department of Commerce and Consumer Affairs, Department of Taxation, and Bureau of Conveyances, and the four county building departments), the construction cost indexes prepared by the First Hawaiian Bank, and the Honolulu Board of Realtors reports on Multiple Listing Service activity. Many of these series are summarized in the Bank of Hawaii's *Construction in Hawaii*, issued annually. Persons interested in figures for earlier periods should consult *Historical Statistics of Hawaii*, Section 15. National statistics appear in Section 25 of the *Statistical Abstract of the United States: 1997*.

Year	State total	City and County of Honolulu	Hawaii County	Kauai County	Maui County
NUMBER ISSUED					
1993 1994 1995 1996 1997	20,296 20,329 17,231 16,062 16,444	13,123 14,634 11,956 10,859 11,140	4,015 2,662 2,707 2,612 2,514	1,122 1,220 1,054 931 1,040	2,035 1,813 1,514 1,660 1,750
ESTIMATED VALUE (\$1,000)					
1993 1994 1995 1996 1997	1,496,485 1,612,899 1,531,317 1,117,760 1,179,182	959,041 1,073,264 980,703 698,697 772,825	248,236 181,059 267,108 171,017 155,776	86,032 164,681 78,918 101,981 97,807	203,177 193,894 204,588 146,065 152,773

Table 21.01-- NUMBER AND VALUE OF BUILDING PERMITS, BY COUNTIES: 1993 TO 1997

Source: Calculated by Hawaii State Department of Business, Economic Development & Tourism from Monthly Cooperative Report of Local Construction submitted to F.W. Dodge Division, McGraw-Hill Information Systems Company by each county.

Table 21.02-- VALUE OF BUILDING PERMITS, BY TYPE, BY COUNTIES: 1995 TO 1997

Category	State total	City and County of Honolulu	Hawaii County	Kauai County	Maui County
1995					
Total	1,531,317	980,703	267,108	78,918	204,588
Residential Hotel Non-residential Additions and alterations	745,520 106,537 261,795 417,465	515,331 250 159,867 305,256	117,897 44,832 37,965 66,414	45,790 240 16,534 16,354	66,503 61,215 47,430 29,441
1996 (revised)					
Total	1,117,760	698,697	171,017	101,981	146,065
Residential Hotel Non-residential Additions and alterations	487,030 504 252,259 377,967	269,937 - 152,830 275,930	80,697 - 39,752 50,569	55,629 504 28,038 17,810	80,767 - 31,640 33,658
1997					
Total	1,179,182	772,825	155,776	97,807	152,773
Residential Hotel Non-residential Additions and alterations	542,481 19,262 245,228 372,210	323,468 - 167,165 282,193	83,690 - 34,749 37,337	48,468 19,262 14,878 15,199	86,855 - 28,437 37,482

[In thousands of dollars]

Source: Calculated by Hawaii State Department of Business, Economic Development & Tourism from *Monthly Cooperative Report of Local Construction* submitted to F.W. Dodge Division, McGraw-Hill Information Systems Company by each county.

Table 21.03-- ESTIMATED VALUE PER HOUSING UNIT, BY TYPE OFSTRUCTURE, FOR BUILDING PERMITS ISSUED BY THE CITY ANDCOUNTY OF HONOLULU: 1992 TO 1997

Type of structure	1992	1993	1994	1995	1996	1997
One-family	135,278	146,639	145,044	135,304	149,807	151,064
Two-family	152,278	143,210	152,011	140,721	139,824	141,816
Multi-family	88,251	77,506	75,413	92,092	100,344	123,611

[In dollars. Excludes building permits for additions, alterations and repair]

1/ Revised.

Source: City and County of Honolulu Department of Buildings, Summary of Building Permits (annual).

Table 21.05-- SUMMARY STATISTICS FOR CONSTRUCTION INDUSTRIESAND SUBDIVIDERS AND DEVELOPERS:1977 TO 1992

Subject	1977	1982	1987	1992
Number of establishments in business during year	1,732	1,861	1,891	2,481
Proprietors and working partners	530	396	456	963
All employees	20,792	18,665	21,706	32,394
Construction workers, average	15,784	13,953	16,582	24,651
Other employees, March	5,032	4,711	4,861	7,835
Payroll (\$1,000,000)	323.4	409.7	606.9	1,112.5
Value of business done (\$1,000,000)	1,435.2	1,853.3	2,963.1	4,950.5
Value added (\$1,000,000)	636.2	855.2	1,288.7	2,148.3

[Excludes establishments without payroll]

Source: U.S. Bureau of the Census, 1992 Census of Construction Industries, Pacific States, CC92-A-9 (May 1996), Hawaii table 3.

Table 21.06-- GENERAL STATISTICS FOR CONSTRUCTION INDUSTRIESAND SUBDIVIDERS AND DEVELOPERS, BY GEOGRAPHIC AREA: 1992

Subject	State total	Oahu	Other islands
Number of establishments in business during year	2,481	1,545	936
All employees, average	32,394	25,559	6,835
Capital expend. other than land (mil. dol.)	69.6	50.2	19.4
Cost of construction work subcontracted to others (mil. dol.)	1,281.6	1,060.6	221.0
Cost of materials, components, supplies, and fuels (mil. dol.)	1,520.6	1,199.1	321.5
Net value of construction work (mil. dol.)	3,551.6	2,842.6	709.1
Payroll, all employees (mil. dol.)	1,112.5	912.3	200.1
Value added (mil. dol.)	2,148.3	1,722.7	425.6
Value of construction work (mil. dol.)	4,833.2	3,903.2	930.0

[Excludes establishments without payroll]

Source: U.S. Bureau of the Census, 1992 Census of Construction Industries, Pacific States, CC92-A-9 (May 1996), Hawaii tables 2 and 11.

				Other c	ounties	
Category and year authorized	State total	City and County of Honolulu	Total	Hawaii	Kauai 1/	Maui
New 1-family dwellings:						
1991	4,634	1,202	3,432	2,309	471	652
1992	4,477	1,803	2,674	1,501	425	748
1993	4,586	1,913	2,673	1,539	474	660
1994	4,419	2,439	1,980	858	433	689
1995	3,831	2,090	1,741	908	312	521
1996	2,736	1,125	1,611	700	303	608
New duplex units:						
1991	147	48	99	44	12	43
1992	168	96	72	22	30	20
1993	136	62	74	26	4	44
1994	141	80	61	16	15	30
1995	112	64	48	10	21	17
1996	48	34	14	6	1	7
New apartments:						
1991	5,031	3,473	1,558	565	6	987
1992	3,090	2,356	734	449	125	160
1993	2,576	2,146	430	152	110	168
1994	2,907	2,206	701	76	223	402
1995	2,570	2,390	180	80	87	13
1996	1,093	997	96	63	17	16
Units demolished: 2/						
1991	875	779	96	39	6	51
1992	728	598	130	55	11	64
1993	631	547	84	51	33	(NA)
1994	643	553	90	67	23	(NA)
1995	1,161	855	306	66	172	68
1996	594	346	248	41	98	109

Table 21.07-- PRIVATE RESIDENTIAL CONSTRUCTION AND DEMOLITIONAUTHORIZED BY PERMITS, BY COUNTIES: 1991 TO 1996

NA Not available.

1/ Kauai County figures for 1995 and 1996 include all permits previously processed through the FEMA's Office of Emergency Permitting which dealt with Hurricane Iniki damage. The FEMA office closed on June 15, 1995. Prior data for the FEMA office were not included in this table.

2/ Excludes units destroyed by fire, volcanic activity, high winds, and other disasters.

Source: Compiled from County building departments by the Hawaii State Department of Business, Economic Development & Tourism.

Table 21.08-- HONOLULU CONSTRUCTION COST INDEXES: 1987 TO 1997

	Singl	e-family resid	ence	High-rise building			
Year	All components	Materials prices	Labor 1/	All components	Materials prices	Labor 1/	
1987	82.1	82.0	82.2	81.0	81.3	80.5	
1988	86.7	88.3	84.8	84.6	86.1	83.1	
1989	90.5	90.9	90.0	89.4	89.7	88.8	
1989	90.5 95.1	96.2	90.0 93.9	95.4	98.0	92.9	
1990	98.4	90.2 99.5	93.9 97.2	99.2	101.6	92.9 97.1	
1991	102.7	103.8	97.2 101.4	99.2 99.4	97.1	101.5	
1993	111.5	116.0	101.4	103.9	100.7	101.5	
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	125.5	129.1	121.3	116.9	110.9	122.1	
1997 2/	129.3	132.7	125.3	119.3	111.8	126.0	

[January 1992=100. Data are annual averages unless otherwise specified. Reindexed in 1992]

1/ Wages and benefits.

2/ Excludes December data.

Source: First Hawaiian Bank, Research Department, records.

Table 21.09-- CONDOMINIUM ASSOCIATIONS REGISTERED: FISCAL YEARS 1990 TO 1997

Fiscal year	Associations registered	Units represented	Fiscal year	Associations registered	Units represented
1990	201	20,066	1994	1,114	95,827
1991	809	74,916	1995	999	85,296
1992	968	87,127	1996	1,161	101,629
1993	1,049	91,424	1997	1,277	106,052

Source: Hawaii Real Estate Commission, Hawaii Condominium Bulletin, Spring 1998, p. 5.

Table 21.10-- CONDOMINIUM PROJECTS REGISTERED WITH THE STATE OFHAWAII: 1993 TO 1997

Subject	1993 1/	1994 1/	1995	1996	1997
Projects	218	228	255	183	179
Individual units	3,477	4,229	4,654	2,216	2,777

[Fiscal years ended June 30]

1/ Revised.

Source: Hawaii State Department of Commerce and Consumer Affairs, Professional and Vocational Licensing Division, Real Estate Commission, records.

Type of project	1993	1994	1995	1996	1997
All types	95	95	102	78	87
Residential 2 units or fewer 3 to 15 units 16 to 50 units More than 50 units Commercial and other Agricultural	60 23 4 16 17 6 29	52 12 5 12 23 4 39	60 23 8 13 16 17 25	37 15 7 5 10 21 20	37 11 15 7 4 18 32

Table 21.11-- NEW CONDOMINIUM PROJECTS, BY TYPE: FISCAL YEARS 1993 TO 1997

Source: Hawaii Real Estate Commission, Hawaii Condominium Bulletin, Spring 1998, p. 6.

Table 21.12-- HOUSING UNITS CONVERTED FROM RENTAL UNITS TO
CONDOMINIUM UNITS: 1993 TO 1997

Subject	1993 1/	1994 1/	1995	1996	1997
Projects	62	73	89	58	47
Housing units	469	491	1,060	476	1,048

[Fiscal years ended June 30]

1/ Revised.

Source: Hawaii State Department of Commerce and Consumer Affairs, Professional and Vocational Licensing Division, Real Estate Commission, records.

Table 21.13-- TIME-SHARE PROPERTIES AND UNITS, BY ISLANDS: 1997

Subject	State total	Hawaii	Kauai	Maui	Molokai	Oahu
Properties	55	9	15	22	1	8
Units 1/	3,017	550	1,101	712	7	647

1/ Number of units registered which have been designated for sale as timeshare.

Source: Hawaii Visitors & Convention Bureau, 1997 Visitor Plant Inventory, pp. 55-56.

Table 21.14-- TENURE AND CONTROL OF HOUSING UNITS: ANNUALLY,1980 TO 1995

		Owner-occu	pied units 2/	Renter-oc	cupied and va	cant units
Year	All housing units 1/	Land owned	Land leased	Private 3/	Federal 1/	State and County 1/
1980	334,235	100,478	36,986	170,963	19,437	6,371
1981	341,764	104,677	37,413	173,644	19,427	6,603
1982	346,726	106,147	37,372	177,325	19,392	6,490
1983	349,996	108,761	35,586	179,831	19,304	6,514
1984	354,484	111,767	35,545	181,034	19,294	6,844
1985	358,581	114,548	35,681	182,050	19,280	7,022
1986	363,416	117,090	35,811	184,343	19,264	6,908
1987	369,425	121,019	35,959	186,109	19,265	7,073
1988	375,434	126,563	33,579	188,851	19,394	7,047
1989	382,052	132,691	30,996	191,657	19,421	7,287
1990	389,810	138,520	29,047	195,601	19,245	7,397
1991	398,325	141,846	26,915	202,266	19,358	7,940
1992	407,606	146,631	24,599	208,226	19,697	8,453
1993	413,830	152,147	20,393	213,140	(NA)	(NA)
1994	420,748	159,527	17,308	215,763	(NA)	(NA)
1995	430,417	166,953	14,037	218,981	21,069	9,377

[Data include some condominium units occupied or intended for occupancy by nonresidents]

NA Not available.

1/ As of April 1.

2/ As indicated by the number of taxpayers claiming home exemptions as of January 1. The number of owner-occupied housing units reported by the U.S. Census of Housing is somewhat higher than the corresponding number based on taxpayer home exemptions, chiefly because of differences in definitions.

3/ Calculated as a residual after accounting for the known components, some of which pertain to dates other than April 1, and thus not attributable to any specific date.

Source: Hawaii State Department of Business, Economic Development & Tourism, *Housing Unit Estimates for Hawaii*, 1980-1995 (Statistical Report 230, September 1996).

Table 21.15--HOUSING UNITS STANDING, BY COUNTIES: ANNUALLY,1980 TO 1995

			Other counties					
Year	State total	City and County of Honolulu	Total	Hawaii	Kauai	Maui 1/		
1980 1981 1982 1983 1984 1985 1986 1987 1988 1989	334,235 341,764 346,726 349,996 354,484 358,581 363,416 369,425 375,434 282,052	252,038 254,815 256,689 259,149 262,337 265,412 268,551 272,134 275,520 278,101	82,197 86,949 90,037 90,847 92,147 93,169 94,865 97,291 99,914 103,861	34,215 36,041 37,453 38,264 39,164 40,054 41,006 42,022 43,397 45,520	14,828 16,021 16,476 16,044 16,318 16,428 16,556 16,690 16,871	33,154 34,887 36,108 36,539 36,665 36,687 37,303 38,579 39,646 41,168		
1999 1991 1992 1993 1994 1995	382,052 389,810 398,325 407,606 413,830 420,748 430,417	278,191 281,683 284,835 288,805 293,020 296,699 303,653	108,127 113,490 118,801 120,810 124,049 126,764	45,520 48,253 50,579 53,421 55,396 57,204 58,143	17,173 17,613 18,649 19,439 18,195 18,758 19,470	42,261 44,262 45,941 47,219 48,087 49,151		

[As of April 1. Data include some condominium units occupied or intended for occupancy by nonresidents]

1/ Including Kalawao County.

Source: Hawaii State Department of Business, Economic Development & Tourism, *Housing Unit Estimates for Hawaii, 1980-1995* (Statistical Report 230, September 1996).

Table 21.16-- TENURE AND CONTROL OF HOUSING, BY COUNTIES:1993 TO 1995

		Owner-occupied units 2/			ter-occupied vacant units	
Year and county	All housing units 1/	Land owned	Land leased	Private 3/	Federal 1/	State and County 1/
1993						
State total	413,830	152,147	20,393	213,140	19,697	8,453
City & Co. of Honolulu County of Hawaii County of Kauai County of Maui 4/	293,020 55,396 18,195 47,219	104,570 23,155 8,697 15,725	18,642 645 399 707	143,856 30,420 8,702 30,162	19,618 8 65 6	6,334 1,168 332 619
1994						
State total	420,748	159,527	17,308	215,763	19,697	8,453
City & Co. of Honolulu County of Hawaii County of Kauai County of Maui 4/	296,699 57,204 18,758 48,087	109,915 24,121 9,019 16,472	15,614 647 328 719	145,218 31,260 9,014 30,271	19,618 8 65 6	6,334 1,168 332 619
1995						
State total	430,417	166,953	14,037	218,981	21,069	9,377
City & Co. of Honolulu County of Hawaii County of Kauai County of Maui 4/	303,653 58,143 19,470 49,151	115,217 25,131 9,363 17,242	12,279 652 388 718	148,110 31,161 9,204 30,506	20,977 8 78 6	7,070 1,191 437 679

[Some condominium units occupied by nonresidents are included in these estimates]

1/ As of April 1. Governmental units for 1993 and 1994 are based on 1992 data.

2/ As of January 1. Based on the number of taxpayers claiming home exemptions, rather than on the census tabulations on tenure.

3/ Calculated as a residual and not attributable to any specific month.

4/ Includes Kalawao County (95 units in 1995).

Source: Hawaii State Department of Business, Economic Development & Tourism, *Housing Unit Estimates for Hawaii, 1980-1995* (Statistical Report 230, September 1996).

Table 21.17-- NUMBER OF TAXPAYERS CLAIMING HOME EXEMPTIONS:1992 TO 1997

Tenure and county	1992	1993	1994	1995	1996	1997
TOTAL OWNER-OCCUPIED						
State total Honolulu Maui Hawaii Kauai	171,230 123,082 15,970 23,336 8,842	172,540 123,212 16,432 23,800 9,096	176,835 125,529 17,191 24,768 9,347	180,990 127,496 17,960 25,783 9,751	184,662 129,542 18,449 26,899 9,772	185,208 128,489 18,903 27,912 9,904
FEE SIMPLE						
State total Honolulu Maui Hawaii Kauai	146,631 101,036 14,971 22,169 8,455	152,147 104,570 15,725 23,155 8,697	159,527 109,915 16,472 24,121 9,019	166,953 115,217 17,242 25,131 9,363	171,767 118,304 17,695 26,250 9,518	173,237 118,157 18,161 27,260 9,659
LEASEHOLD						
State total Honolulu Maui Hawaii Kauai	24,599 22,046 999 1,167 387	20,393 18,642 707 645 399	17,308 15,614 719 647 328	14,037 12,279 718 652 388	12,895 11,238 754 649 254	11,971 10,332 742 652 245

[As of January 1. Based on number of taxpayers claiming home exemptions]

1/ For a comparison of 1990 and earlier data on owner occupancy from the Census of Housing, see

DBEDT's Statistical Report 223, "Housing Unit Estimates for Hawaii, 1980-1991" (January 1992), table 9. Source: City and County of Honolulu, Department of Finance, Real Property Assessment Division, *Real Property Tax Valuations, Tax Rates & Exemptions, State of Hawaii* (annual).

				Other c	ounties	
Category and year	State total	City and County of Honolulu	Total	Hawaii	Kauai	Maui 1/
RESIDENT 2 /						
1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 NONRESIDENT 3/	336,882 336,777 340,417 347,529 354,314 362,912 370,682 378,438 384,961 392,749 399,501	255,450 256,396 258,713 262,898 267,885 272,272 276,618 280,167 280,672 285,200 289,864	81,432 80,381 81,704 84,631 86,429 90,640 94,064 98,271 104,289 107,549 109,637	37,262 37,775 38,954 39,920 41,043 43,502 46,138 48,178 51,087 53,176 54,721	14,720 14,352 13,982 14,059 14,016 14,139 15,047 16,114 16,752 16,526 15,878	29,450 28,254 28,768 30,652 31,370 32,999 32,879 33,979 36,450 37,847 39,038
1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994	17,602 21,804 22,999 21,896 21,120 19,140 19,128 19,887 22,645 21,081 21,247	6,887 9,016 9,838 9,236 7,635 5,919 5,065 4,668 8,133 7,820 6,835	$\begin{array}{c} 10,715\\ 12,788\\ 13,161\\ 12,660\\ 13,485\\ 13,221\\ 14,063\\ 15,219\\ 14,512\\ 13,261\\ 14,412 \end{array}$	1,902 2,279 2,052 2,102 2,354 2,018 2,115 2,401 2,334 2,220 2,483	1,598 2,076 2,574 2,631 2,855 3,034 2,566 2,535 2,687 1,669 2,880	7,215 8,433 8,535 7,927 8,276 8,169 9,382 10,283 9,491 9,372 9,049

Table 21.18-- RESIDENT AND NONRESIDENT HOUSING UNITS,BY COUNTIES: ANNUALLY, 1984 TO 1994

1/ Includes Kalawao.

2/ Estimated as of April 1. Includes all housing units other than condominium units in rental pools and intended for transient occupancy.

3/ Condominium units in rental pools and intended for transient occupancy, based on survey data from the Hawaii Visitors Bureau. Includes condo/hotel units.

Source: Hawaii State Department of Business, Economic Development & Tourism, *Housing Unit Estimates for Hawaii, 1980-1995* (Statistical Report 230, September 1996), and Hawaii Visitors Bureau, *Visitor Plant Inventory Report* (annual).

Table 21.19-- SELECTED HOUSING CHARACTERISTICS, BY COUNTIES: 1990

Subject	State total 1/	Honolulu	Hawaii	Kauai	Maui
ALL HOUSING UNITS					
All housing units	389,810	281,683	48,253	17,613	42,160
Units in structure:					
1 unit, detached	202,990	126,553	36,622	13,934	25,781
1 unit, attached	34,041	28,914	1,399	1,158	2,569
2 to 4 units	24,182	19,384	2,150	1,053	1,595
5 to 9 units	22,258	18,285	1,642	446	1,885
10 or more units	100,238	84,378	5,561	647	9,652
Mobile home, boat, other	6,101	4,169	879	375	678
Mean number of rooms	4.4	4.4	4.6	4.6	4.2
OCCUPIED HOUSING UNITS					
Total	356,267	265,304	41,461	16,295	33,145
With 1.01 or more persons per room	56,708	43,526	5,155	2,613	5,411
VACANT HOUSING UNITS					
Total	33,543	16,379	6,792	1,318	9,015
For seasonal, recreational, or	10.000	4 400	2.045	222	E 044
occasional use	12,806 0.8	4,462 0.6	2,045 1.5	333 0.7	5,944 1.5
Homeowner vacancy rate Rental vacancy rate	0.8 5.4	0.8 4.3	10.3	4.3	9.9
	5.4	4.5	10.5	4.5	5.5
OWNER-OCCUPIED HOUSING UNITS					
Total	191,911	137,910	25,336	9,582	19,083
1 unit, detached or attached	153,596	103,716	24,063	9,042	16,775
Percent of all occupied units	53.9	52.0	61.1	58.8	57.6
Persons per unit	3.19	3.23	2.93	3.28	3.23
Mean number of rooms	5.2	5.3	5.2	5.2	5.0

[Data include some condominium units used or intended for use by transients]

Continued on next page.

Table 21.19-- SELECTED HOUSING CHARACTERISTICS, BY COUNTIES:1990 -- Con.

Subject	State total 1/	Honolulu	Hawaii	Kauai	Maui
VALUE OF SPECIFIED OWNER- OCCUPIED HOUSING UNITS 2/					
Total Less than \$100,000 \$100,000 to \$199,999 \$200,000 to \$299,999 \$300,000 or more Lower quartile (dollars) Median (dollars) Upper quartile (dollars)	144,431 16,450 37,825 39,679 50,477 156,800 245,300 358,800	98,541 4,056 19,781 30,702 44,002 202,700 283,600 391,500	21,910 9,414 8,159 2,500 1,837 77,000 113,000 176,400	8,414 1,164 4,028 1,854 1,368 122,000 171,500 254,800	15,566 1,816 5,857 4,623 3,270 141,500 202,100 284,300
RENTER-OCCUPIED HOUSING UNITS					
Total 1 unit, detached or attached Persons per unit Mean number of rooms	164,356 71,634 2.78 3.7	127,394 47,233 2.80 3.6	16,125 9,877 2.76 3.8	6,713 5,039 2.85 3.9	14,062 9,423 2.66 3.6
CONTRACT RENT OF SPECIFIED RENTER-OCCUPIED UNITS 3/					
Total Less than \$250 \$250 to \$499 \$500 to \$749 \$750 to \$999 \$1,000 or more Lower quartile (dollars) Median (dollars) Upper quartile (dollars)	139,266 15,119 36,779 43,763 25,164 18,441 401 599 837	107,256 9,653 27,231 35,258 20,019 15,095 423 615 854	13,941 2,841 5,797 3,154 1,414 735 288 428 626	5,822 1,253 1,392 1,473 1,092 612 301 532 807	12,243 1,368 2,359 3,878 2,639 1,999 434 658 899

1/ Includes Kalawao County (101 housing units), not shown separately.

2/ House and lot. Data limited to one-family houses on less than 10 acres without a business or medical office on the property.

3/ Excludes one-family houses on 10 acres or more.

Source: U.S. Bureau of the Census, *1990 Census of Population and Housing, Summary Population and Housing Characteristics, Hawaii,* 1990 CPH-1-13 (August 1991), tables 8, 10, and 12.

Table 21.20-- SUMMARY HOUSING CHARACTERISTICS, BY COUNTIES: 1990

Characteristic	State total 1/	Hawaii	Honolulu	Kauai	Maui
	290.910	40.050	201 602	17 610	40.460
All housing units Percent	389,810	48,253	281,683	17,613	42,160
Structure built 1980-1990	20.8	35.1	15.9	32.3	32.5
Structure built before 1940	20.8	10.8	5.8	10.2	6.5
Under 2 bedrooms	26.1	10.8	27.4	10.2	29.2
4 or more bedrooms	13.4	19.5	14.7	10.2	29.2
Condominium	20.8	8.1	23.5	5.1	9.2 23.8
Lacking complete plumbing	20.0	3.6	23.5	1.3	23.0
With public sewer	80.2	27.8	93.6	30.9	72.2
•	1.6	3.4	1.3	1.8	1.4
Lacking complete kitchen facilities	1.0	3.4	1.3	1.0	1.4
All occupied units	356,267	41,461	265,304	16,295	33,145
Percent with no telephone in unit	2.6	5.5	2.1	3.0	3.2
Owner-occupied units	191,894	25,336	137,893	9,582	19,083
Percent householder moved into unit					
1989 to March 1990	9.7	11.1	9.2	9.6	10.9
Before 1970	29.1	24.0	30.7	27.8	25.2
With a mortgage	102,601	12,968	73,972	5,246	10,415
Median monthly costs (dollars)	1,008	669	1,121	828	933
Percent of household income	21.4	20.5	21.5	21.2	22.3
Not mortgaged	44,909	9,280	26,931	3,313	5,385
Median monthly costs (dollars)	170	130	185	152	160
Percent of household income	10.8	10.9	10.7	10.9	11.1
Renter-occupied units	164,373	16,125	127,411	6,713	14,062
Percent householder moved into unit	- ,	-,	,	-, -	,
1989 to March 1990	38.9	42.2	38.1	34.9	44.8
Before 1970	4.1	4.5	4.0	6.9	3.6
Median gross rent (dollars)	650	490	663	618	722
Percent of household income	27.4	27.0	27.6	24.1	27.1

[Data include some condominium units used or intended for use by transients]

1/ Includes Kalawao County (101 housing units), not shown separately.

Source: U.S. Bureau of the Census, 1990 Census of Population and Housing, Summary Social, Economic, and Housing Characteristics, Hawaii, 1990 CPH-5-13 (April 1992), tables 12, 14, and 16.

Table 21.21--CHARACTERISTICS OF HOUSING UNITS, FOR THE STATE,1992 AND 1997, AND COUNTIES, 1997

[Figures may vary significantly between the Housing Inventory study and the Demand Survey. Results from each section were obtained using different criteria, methodologies and data sources]

	The	State		Countie	s, 1997	
			Hono-			
Subject	1992	1997	lulu	Maui	Hawaii	Kauai
HOUSING INVENTORY STUDY						
All units	400,388	442,867	309,473	54,639	54,643	24,112
Type: Single family Condominium Apartment Military Student Cooperative Owner-occupied (percent) Single family Condominium HOUSING DEMAND SURVEY	217,610 109,861 46,116 19,398 4,689 2,714 42.6 63.8 28.8	238,487 125,193 50,512 20,145 4,771 3,759 44.2 65.6 31.5	145,078 92,503 43,732 20,071 4,405 3,684 43.4 68.6 37.7	32,379 18,362 3,768 - 55 75 40.1 59.5 14.4	43,979 8,539 1,814 - 311 - 53.3 63.2 15.4	17,051 5,789 1,198 74 - - 43.7 58.2 10.3
(Excludes military, student, transient, and vacant units)						
Survey base	281,095	376,574	272,234	39,252	46,271	18,817
Owner-occupied (percent) Household income (median) Poor condition (percent)	51.9 \$36,289	57.9 \$39,883	53.8 \$42,234	65.0 \$38,908	72.3 \$31,831	67.1 \$34,891
Owner-occupied Renter-occupied Average monthly mortgage 1/ Average monthly rent 2/ Overcrowded 3/ Percent completed surveys	1.5 6.0 \$800 \$793 22.2 (NA)	3.6 6.3 \$1,319 \$897 10.2 1.4	3.7 6.0 \$1,430 \$928 10.6 0.4	3.3 5.0 \$1,210 \$850 10.4 2.7	4.1 9.6 \$954 \$697 7.9 6.5	3.0 6.7 \$1,151 \$830 9.1 2.1

1/ Excludes responses from households with paid-up mortgages.

2/ Excludes responses from those who occupied their units without payment of cash rent.

3/ Percent with 1.01 or more persons per room.

Source: *Hawaii Housing Policy Study 1997 Update*, prepared by Prudential Locations, Inc., and SMS Research & Marketing Services (Feb. 1998), pp. II-12,29,30; IV-9,10,11,12,13, and 14; *Hawaii Housing Policy Study*, prepared by Locations, Inc. and SMS Research & Marketing Services (May 1993), p. B-3.

Table 21.22-- TENURE AND VALUE OF CONDOMINIUM UNITS,BY COUNTIES: 1990

		(
County	All housing units	Total	Owner- occupied	Renter- occupied	Vacant 1/	Median value 2/ (dollars)
State total	389,810	81,127	35,078	30,450	15,599	191,600
Honolulu Other counties	281,683 108,127	66,264 14,863	32,063 3,015	26,383 4,067	7,818 7,781	195,800 142,400
Hawaii Kalawao Kauai	48,253 101 17,613	3,924 - 900	835 - 267	1,596 - 465	1,493 - 168	125,100 - 127,800
Maui	42,160	10,039	1,913	2,006	6,120	149,700

1/ Includes vacant for seasonal, recreational, or occasional use, time-share units, and units temporarily occupied at the time of enumeration entirely by persons who have a usual place of residence elsewhere.

2/ For owner-occupied condominium housing units only.

Source: U.S. Bureau of the Census, *1990 Census of Housing, Detailed Housing Characteristics, Hawaii,* 1990 CH-2-13 (August 1993), tables 13, 35, and 66.

Table 21.23-- VACANCY AND HOMEOWNERSHIP RATES, FOR THE STATEAND HONOLULU MSA: 1986 TO 1996

	Rental va	cancy rate	Homeowner	vacancy rate	Homeown	ership rate
Year	State total	Honolulu MSA	State total	Honolulu MSA	State total	Honolulu MSA
1000		5.0				50.0
1986	5.7	5.0	0.8	0.9	50.9	50.0
1987	6.5	5.5	1.1	1.1	50.7	50.3
1988	6.3	4.1	0.4	0.5	53.2	52.2
1989	6.6	5.1	1.0	0.7	54.7	52.2
1990	6.6	3.8	0.8	0.7	55.5	52.9
1991	5.8	3.8	1.4	0.9	55.2	53.3
1992	5.8	3.4	2.5	0.9	53.8	52.6
1993	6.8	3.9	1/ 3.0	1.3	52.8	51.9
1994	7.4	1/ 5.0	2.0	1/ 1.4	52.3	1/ 51.5
1995	6.3	5.4	2.0	1.8	50.2	49.1
1996	6.0	4.7	1.4	1.3	50.6	49.1
Standard error	0.9	0.9	0.3	0.4	1.1	1.3
U.S. 1996	7.8	2/ 7.7	1.6	1.5	65.4	63.4

[The Honolulu Metropolitan Statistical Area consists of the City and County of Honolulu]

1/ Revised.

2/ Rate for all U.S. inside metropolitan areas.

Source: U.S. Bureau of the Census, "Housing Vacancy Survey Annual Statistics: 1996," at http://www.census.gov/hhes/www/housing/hvs/annual96/ann96ind.html.

Table 21.24-- BUILDING VACANCY RATES FOR COMPETITIVE OFFICESPACE FOR HONOLULU, BY LOCATION: 1993 TO 1995

Location	May 1993	Oct. 1993	May 1994	Oct. 1994	May 1995 1/
Downtown	12.8	14.5	15.9	13.7	16.1
Downtown to Waikiki	7.6	5.4	5.7	6.7	7.0
Waikiki	15.4	19.0	28.3	29.1	18.3
Other	6.6	10.5	11.9	11.0	10.3

[Rates are percent of space reported vacant in survey]

1/ Preliminary.

Source: Semi-annual survey by Hastings, Martin, Conboy, Braig & Associates, Ltd.

Subject	1995	1996	1997
Total units owned by HHA, June 30 Occupied	6,170 5,884	6,312 5,994	1/ 6,352 5,876
Population in units, June 30 Per occupied unit	16,378 2.65	16,410 2.55	16,116 2.40
Total assets, June 30 (million dollars)	275	301	308
Operating revenues of HHA, fiscal year: 2/ Gross (\$1,000) Net (\$1,000)	18,543 -466	21,428 2,164	22,469 3,831
Operating revenues per unit per month, fiscal year (dollars) 2/	251	283	295
Rent charged per unit per month, fiscal year (dollars) 2/	204	199	195

Table 21.25-- HAWAII HOUSING AUTHORITY OPERATIONS: 1995 TO 1997

1/ Federal low-rent, 5,182; State low-rent, 594; State elderly, 576.

2/ Federal projects only; revenue amounts include Federal subsidies.

Source: Hawaii Housing Authority, records.

Table 21.26-- REAL ESTATE LICENSES, ACTIVE AND INACTIVE, BY TYPEOF LICENSE AND LOCATION: FEBRUARY 27, 1997

Type of license	Active	Inactive	Location	Active	Inactive
Total	8,985	4,443	Oahu	6,148	3,010
			Hawaii	1,078	436
Broker:			Maui	1,187	355
Individual	3,463	616	Kauai	535	206
Corporation or partnership	1,039	53	Molokai	30	1
			Lanai	4	4
Salesman	4,483	3,774	U.S. mainland	2	390
			Foreign	1	41

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

Source: Hawaii State Department of Commerce and Consumer Affairs, Professional and Vocational Licensing Division, records.

Table 21.27-- MULTIPLE LISTING SERVICE LISTINGS AND SALES, FOROAHU: 1987 TO 1997

Year	Number listed	Number sold	Percent sold	Average sales price (dollars)
1987	12,887	8,855	68.7	188,200
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

[Data include single family, condominium/cooperative, vacant, multi-family, commercial/industrial, business opportunities]

Table 21.28-- MULTIPLE LISTING SERVICE LISTINGS AND SALES, BY TYPEOF PROPERTY, FOR OAHU: 1995 TO 1997

				Sales pric	e (dollars)
Year and type of property	Number listed	Number sold	Percent sold	Mean	Median
1995					
Total	12,834	4,060	31.6	307,617	
Single family Condominium/cooperative Vacant land Multi-family Commercial Business opportunities	4,582 7,175 522 194 129 232	1,642 2,260 84 26 16 32	35.8 31.5 16.1 13.4 12.4 13.8	429,613 206,134 419,342 1,116,500 724,875 55,828	349,000 182,000 305,000 621,500 496,500 43,750
1996				00,020	,
Total	12,147	3,896	32.1	300,494	
Single family Condominium/cooperative Vacant land Multi-family Commercial Business opportunities	4,649 6,441 490 230 146 191	1,749 1,990 91 22 13 31	37.6 30.9 18.6 9.6 8.9 16.2	409,441 202,494 285,986 677,227 653,292 72,000	335,000 175,000 250,000 537,500 425,000 59,500
1997					
Total	11,868	4,313	36.3	281,785	
Single family Condominium/cooperative Vacant land Multi-family Commercial Business opportunities	4,858 6,000 549 203 123 135	2,025 2,100 117 34 21 16	41.7 35.0 21.3 16.7 17.1 11.9	380,507 178,090 348,187 561,957 475,405 62,168	307,000 150,000 239,000 454,500 470,000 34,400

Selling price range	1996	1997
All properties	1,749	2,025
On leased land	42	46
Percent	2.4	2.3
Less than \$100,000	6	17
\$100,000 to \$149,999	32	32
\$150,000 to \$199,999	88	169
\$200,000 to \$249,999	238	378
\$250,000 to \$299,999	306	369
\$300,000 to \$349,999	271	319
\$350,000 to \$399,999	233	207
\$400,000 to \$449,999	146	132
\$450,000 to \$499,999	90	93
\$500,000 to \$549,999	82	64
\$550,000 to \$599,999	50	46
\$600,000 to \$649,999	47	31
\$650,000 to \$699,999	29	30
\$700,000 to \$799,999	37	42
\$800,000 to \$899,999	25	31
\$900,000 to \$999,999	9	15
\$1.0 to \$1.9 million	50	33
\$2.0 to \$2.9 million	6	12
\$3.0 to \$3.9 million	2	2
\$4.0 to \$4.9 million	-	1
\$5.0 million or more	2	2
Median value	\$335,000	\$307,000
Mean value	\$409,441	\$380,507

Table 21.29-- MULTIPLE LISTING SERVICE SINGLE-FAMILY HOUSES SOLD,BY SELLING PRICE RANGE, FOR OAHU: 1996 AND 1997

Table 21.30-- MULTIPLE LISTING SERVICE COOPERATIVE ANDCONDOMINIUM UNITS SOLD, BY SELLING PRICE RANGE, FOR OAHU:1995 TO 1997

			1997		
Selling price range	1995	1996	Total	Fee simple	Lease- hold
All properties	2,260	1,990	2,100	1,398	702
Less than \$50,000 \$50,000 to \$74,999 \$75,000 to \$99,999 \$100,000 to \$124,999 \$125,000 to \$149,999 \$150,000 to \$174,999 \$175,000 to \$174,999 \$200,000 to \$199,999 \$200,000 to \$224,999 \$225,000 to \$224,999 \$225,000 to \$249,999 \$250,000 to \$299,999 \$300,000 to \$399,999 \$400,000 to \$499,999 \$500,000 to \$599,999 \$600,000 to \$699,999 \$700,000 to \$799,999 \$800,000 to \$899,999 \$300,000 to \$899,999 \$1,000,000 or more Median value	17 54 87 167 268 406 377 265 180 114 102 108 39 33 17 13 4 2 7 \$182,000	37 69 124 182 279 299 260 185 138 109 52 140 40 34 11 19 7 1 4 \$175,000	88 173 206 260 301 241 215 145 120 59 45 145 145 46 27 16 3 4 3 3 3 \$150,000	25 73 94 165 209 165 169 121 102 49 39 108 32 22 15 3 3 3 3 1 1 \$169,000	63 100 112 95 92 76 46 24 18 10 6 37 14 5 1 - 1 - 2 \$119,000
Median value Mean value	\$182,000 \$206,134	\$175,000 \$202,494	\$150,000 \$178,090	\$169,000 \$195,493	\$119,000 \$143,432

Table 21.31-- MULTIPLE LISTING SERVICE, NUMBER OF SINGLEFAMILY AND CONDOMINIUM RESALES, BY ISLAND: 1987 TO 1997

		r			
Category and year	State total	Oahu	Hawaii	Kauai	Maui
SINGLE FAMILY					
1987	4,822	3,194	818	290	520
1988	4,656	3,007	869	223	557
1989	4,533	2,923	841	203	566
1990	4,828	2,695	1,231	266	636
1991	3,225	1,817	795	152	461
1992	3,350	1,858	820	264	408
1993	3,216	1,895	761	190	370
1994	3,643	2,150	906	199	388
1995	2,937	1,618	823	142	354
1996	3,133	1,725	805	162	441
1997	3,692	1,993	950	199	550
CONDOMINIUM					
1987	7,135	5,515	285	319	1,016
1988	8,395	6,622	382	270	1,121
1989	8,333	6,467	372	217	1,277
1990	8,528	6,028	674	277	1,549
1991	4,530	3,372	315	158	685
1992	3,967	3,104	264	94	505
1993	3,986	3,166	292	75	453
1994	4,341	3,322	314	138	567
1995	3,120	2,195	282	96	547
1996	3,013	1,969	358	123	563
1997	3,475	2,055	443	144	833
					ļ

Source: Data compiled by Prudential Locations Research from each county's Board of Realtors MLS.

Table 21.32-- MULTIPLE LISTING SERVICE, MEDIAN SALES PRICE OF SINGLE FAMILY AND CONDOMINIUM RESALES, BY ISLAND: 1987 TO 1997

	State				
Category and year	total 1/	Oahu	Hawaii	Kauai	Maui
SINGLE FAMILY					
1987	162,620	185,000	92,000	129,000	155,000
1988	189,743	213,000	115,000	170,000	188,700
1989	236,565	270,000	136,000	204,000	225,000
1990	287,617	355,000	150,000	260,000	280,000
1991	286,026	345,000	165,000	247,500	275,000
1992	281,220	349,000	154,250	185,000	290,000
1993	292,359	350,000	170,000	231,613	280,000
1994	295,982	360,000	165,000	244,500	273,500
1995	280,932	349,000	155,000	250,000	275,000
1996	274,918	334,000	165,000	219,000	265,000
1997	253,675	305,000	155,000	221,000	249,950
CONDOMINIUM					
1987	106,048	105,000	90,000	110,000	115,000
1988	115,116	113,000	90,000	120,000	135,000
1989	136,556	137,000	115,000	140,000	140,000
1990	180,621	189,900	127,000	149,000	173,500
1991	182,913	192,000	137,000	162,500	164,000
1992	186,323	194,000	148,000	155,000	165,000
1993	186,148	192,500	140,000	165,000	175,000
1994	180,950	190,000	125,000	139,500	169,000
1995	172,702	182,000	123,000	150,000	165,000
1996	166,344	173,000	125,175	140,000	175,000
1997	145,570	150,000	125,000	120,000	150,000

[In dollars]

1/ Weighted by the number of resales.

Source: Data compiled by Prudential Locations Research from each county's Board of Realtors MLS.

Table 21.33-- CHARACTERISTICS OF PRIVATE SINGLE-FAMILY ANDMULTI-FAMILY DEVELOPMENTS, FOR OAHU: 1992 TO 1997

	Single-family developments				Multi-family developments 1/		
	-	ge area re feet)					
Year	House	Lot	Units sold	Average price (dollars)	Average living area (sq. ft.)	Units sold	Average price (dollars)
1992 1993 1994 1995 1996 1997	1,390 1,385 1,437 1,350 1,296 1,367	4,657 4,707 5,140 4,530 5,040 4,366	453 1,074 792 902 462 548	316,264 321,775 345,745 301,452 301,745 277,535	1,029 891 914 845 934 905	804 900 1,135 698 608 274	205,606 182,796 209,228 210,448 233,376 202,694

1/ Four stories or less.

Source: Bank of Hawaii, Construction in Hawaii 1998 (1998), pp. 20.

Table 21.34-- MORTGAGES AND AGREEMENTS OF SALE:1992 TO 1997

	Mortgages recorded					
Year	value		Average value (dollars)	Agreements of sale (\$1,000)	Mortgage loans outstanding, Dec. 31, 1/ (\$1,000)	
1992	65,248	12,319,317	188,808	286,428	8,657,335	
1993	69,111	12,632,003	182,778	180,863	9,532,933	
1994	51,076	9,005,637	176,318	144,718	9,921,883	
1995	33,624	6,179,943	183,796	115,644	9,697,000	
1996	34,233	6,329,846	184,905	128,783	9,699,800	
1997	29,947	5,517,668	184,248	108,645	10,242,500	

1/ Data exclude insurance and trust companies, 1995-1997.

Source: Bank of Hawaii, Construction in Hawaii 1998 (1998), p. 31.

Subject	1994	1995
Number insured	692	415
Proposed	243	232
Existing	449	183
Amount (\$1,000)	92,639	59,365
Proposed	31,649	34,250
Existing	60,989	25,115
Averages:		
Age of structure (years)	13.7	14.0
Improved living area (square feet)	1,194	(B)
Lot size (square feet)	4,976	(B)
Number of rooms	5.5	(B)
Market price of site (dollars)	(B)	(B)
Site to value ratio (percent)	(B)	(B)
Site price per square foot (dollars)	(B)	(B)
Construction cost per square foot (dollars)	(B)	(B)
Appraisal value (dollars)	177,155	177,505
Sales price per square foot (dollars)	71.50	(B)
Annual effective income (dollars)	52,970	55,656

Table 21.35-- CHARACTERISTICS OF SINGLE FAMILY HOMES INSUREDUNDER FHA SECTION 203(B): 1994 AND 1995

B Sample under 25.

Source: U.S. Department of Housing and Urban Development, Information Systems Division, FHA Homes - 1994, Sec. 203(b), pp. 31-51, and FHA Homes - 1995, Sec. 203(b), pp. 31-51.

Table 21.36-- NUMBER OF DEEDS FILED AND RECORDED ANDAPPROXIMATE VALUE OF LAND CONVEYED: 1993 TO 1997

[Years ended June 30. Data include leases, agreement of sales assignments, subleases, timeshares, etc., as well as deeds]

Subject	1993	1994	1995	1996	1997
Number of deeds filed and recorded Approximate value of land conveyed (\$1,000)	68,871 7,521,374	69,305 15,812,168	61,821 6,486,476	61,087 6,184,142	61,021 5,862,196

Source: Hawaii State Department of Land and Natural Resources, Bureau of Conveyances, records.

Table 21.37-- APPROXIMATE VALUE OF LAND TRANSFERS, BY COUNTIES: 1995 TO 1997

[In dollars. For calendar years. Totals include leases, agreement of sales assignments, subleases, etc., as well as deeds]

County	1995	1996	1997
State total	6,424,925,450	5,793,252,100	6,298,002,889
Honolulu	4,465,410,200	3,640,154,300	4,042,187,000
Maui	847,727,000	990,129,200	1,057,280,899
Hawaii	849,798,700	786,192,300	851,136,190
Kauai	261,989,550	376,776,300	347,398,800

Source: Hawaii State Department of Land and Natural Resources, Bureau of Conveyances, records.

Table 21.38-- FORECLOSURE FILINGS, BY JUDICIAL CIRCUIT: 1992 TO 1997

Year	State	First	Second	Third	Fifth
	total	Circuit 1/	Circuit 2/	Circuit 3/	Circuit 4/
1992	1,068	671	175	174	48
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

1/ City and County of Honolulu and Kalawao on Molokai.

2/ Maui County excludes Kalawao on Molokai.

3/ Hawaii County.

4/ Kauai County.

Source: The Judiciary, Office of the Administrative Director of the Courts, Statistics Office, records.

Table 21.39-- ELEVATORS, ESCALATORS, AND SIMILAR FACILITIES: DECEMBER 31, 1997

			Hav	waii				
Facility	State total	Oahu	Hilo	Kona	Maui	Molo- kai	Lanai	Kauai
Total								
Elevators	4,800	3,797	120	200	475	-	20	188
Under 9 stories:								
Hydro	1,396	924	59	95	190	-	9	119
Roped	1,575	1,136	50	105	219	-	11	54
9 to 18 stories	1,134	1,042	11	-	66	-	-	15
19 to 28 stories	395	395	-	-	-	-	-	-
29 to 38 stories	214	214	-	-	-	-	-	-
39 stories or more	86	86	-	-	-	-	-	-
Escalators & moving walks/								
speed ramps	386	365	6	-	13	-	-	2
Inclined lifts	8	4	3	1	-	-	-	-
Private industrial elevators	11	1	-	3	7	-	-	-
Manlifts	12	10	-	2	-	-	-	-
Handicap/chairlifts	170	126	19	5	9	-	-	11
Dumbwaiters	333	275	17	2	27	2	2	8
Material lifts	3	-	-	2	1	-	-	-

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

Island and structureLocationYear completedStoriesFeetBUILDINGS 1/IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII				Height	
BUILDINGS 1/Hawaii: Bayshore Towers Maui: Kalana O Maui (County Bldg.) Royal Lahaina Hotel Lanai:Hilo197015135Maui: Kalana O Maui (County Bldg.) Royal Lahaina Hotel Lanai:Hilo19729140Manele Hotel Molokai: Molokai Light Station Oahu:Hulopoe Bay1991348Molokai: Mauru TowerHulopoe Bay1999138Oahu: Waterfront Towers Marriott Resort & Beach Club 2/999 Bishop Street 1330 Ala Moana Blvd.199627438Maui: Mauri: Marriott Resort & Beach Club 2/ LihueLihue195910107OTHER STRUCTURESUpolu Point Wailuku1947625Hawaii: Coast Guard Loran Station Maui: KAIM Radio Tower Kalua Ki KAIM Radio TowerManele Harbor Kalua Koi198150Molokai: KAIM Radio Tower VLF Antenna Kauai:Lualualei19721,503	Island and structure	Location		Storios	Foot
Hawaii: Bayshore Towers Maui:Hilo197015135Kalana O Maui (County Bldg.) Royal Lahaina Hotel Lanai: Manele HotelWailuku Kaanapali19729140Manele Hotel Molokai: Molokai: Molokai: First Hawaiian CenterHulopoe Bay 999 Bishop Street1991348Molokai Light Station First Hawaiian CenterKalaupapa1909138Cahu: First Hawaiian Center999 Bishop Street199627438Nauru Tower1330 Ala Moana Blvd.199145400Waterfront Towers Mauri Marriott Resort & Beach Club 2/Lihue195910107OTHER STRUCTURESUpolu Point1958625Maui: KMVI Radio Tower Lanai: Storage tanksManele Harbor50Molokai: KAIM Radio TowerKalua Koi1981410Oahu: VLF Antenna Kauai:Lualualei19721,503		LOCATION	completed	SIGNES	reel
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Kauai:					
		Lualualei	1972		1,503
Communication Engineers Lower Mana 1964 400			1001		100
	Communication Engineers Tower	Mana	1964		400

Table 21.40-- TALLEST STRUCTURES, BY ISLANDS: MARCH 1998

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

2/ Formerly named the Westin Kauai Hotel.

Source: Compiled by DBEDT from Hawaii County Department of Research and Development, Maui County Department of Public Works, City and County of Honolulu Building Department, and Kauai County Department of Public Works.