































Section 21: Construction and Housing



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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).

The principal sources for these data are the U.S. Census Bureau, various series 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 Housing and Community Development Corporation of Hawaii; 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. National statistics appear in Section 25 of the *Statistical Abstract of the United States: 1999*.

**Table 21.01-- NUMBER AND VALUE OF BUILDING PERMITS, BY COUNTIES:
1995 TO 1999**

Year	State total	City and County of Honolulu	Hawaii County	Kauai County	Maui County
NUMBER ISSUED					
1995	17,231	11,956	2,707	1,054	1,514
1996	16,062	10,859	2,612	931	1,660
1997	16,444	11,140	2,514	1,040	1,750
1998	16,058	10,677	2,639	972	1,770
1999	1/ 17,381	1/ 11,449	2,850	1,199	1,883
ESTIMATED VALUE (\$1,000)					
1995	1,531,317	980,703	267,108	78,918	204,588
1996	1,117,760	698,697	171,017	101,981	146,065
1997	1,179,182	772,825	155,776	97,807	152,773
1998	1,054,281	624,226	178,220	88,196	163,638
1999	1/ 1,320,218	1/ 706,358	243,852	140,846	229,162

1/ Revised.

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:
1997 TO 1999**

[In thousands of dollars]

Category	State total	City and County of Honolulu	Hawaii County	Kauai County	Maui County
1997					
Total	1,179,182	772,825	155,776	97,807	152,773
Residential	542,481	323,468	83,690	48,468	86,855
Hotel	19,262	-	-	19,262	-
Non-residential	245,228	167,165	34,749	14,878	28,437
Additions and alterations	372,210	282,193	37,337	15,199	37,482
1998					
Total	1,054,281	624,226	178,220	88,196	163,638
Residential	485,504	222,054	121,452	50,707	91,291
Hotel	4,935	-	-	-	4,935
Non-residential	200,690	132,362	20,744	14,851	32,733
Additions and alterations	363,152	269,810	36,024	22,637	34,680
1999					
Total	1/ 1,320,218	1/ 706,358	243,852	140,846	229,162
Residential	1/ 628,778	1/ 241,989	181,203	81,955	123,632
Hotel	50,700	50,700	-	-	-
Non-residential	1/ 255,477	1/ 152,084	27,485	15,420	60,488
Additions and alterations	1/ 385,263	1/ 261,585	35,164	43,471	45,042

1/ Revised.

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 OF STRUCTURE, FOR BUILDING PERMITS ISSUED BY THE CITY AND COUNTY OF HONOLULU: 1994 TO 1999

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

Type of structure	1994	1995	1996	1997	1998	1999
One-family	145,044	135,304	149,807	151,064	151,049	157,762
Two-family	152,011	140,721	139,824	141,816	152,019	140,481
Multi-family	75,413	92,092	100,344	123,611	75,343	79,813

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

**Table 21.04-- GENERAL EXCISE TAX BASE FOR CONTRACTING:
1989 TO 1999**

[In thousands of dollars. Data are on a cash basis accounting]

Year 1/	Amount	Year 1/	Amount	Year 1/	Amount
1989	3,112,846	1993	3,803,605	1997	2,944,427
1990	4,003,650	1994	3,322,339	1998	3,015,977
1991	4,334,051	1995	3,133,510	1999	2,991,201
1992	4,012,688	1996	3,285,106		

1/ 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 ended November 30.

Source: Hawaii State Department of Taxation, *General Excise and Use Tax Base* (annual).

**Table 21.05-- GENERAL CONSTRUCTION STATISTICS FOR
ESTABLISHMENTS WITH PAYROLL: 1997**

[Excludes establishments without payroll. Statistics based on the North American Industry Classification System (NAICS) which replaced the Standard Industrial Classification (SIC) system used in earlier Economic Censuses. Less than half of the industries in the construction sector of NAICS have comparable industries in the SIC system. Therefore, comparability between the 1992 and the 1997 data is difficult]

Measure	Amount
Number of establishments	2,335
Number of proprietors and working partners 1/	748
Number of employees:	
Total	21,791
Construction workers	15,195
January to March	15,183
April to June	14,946
July to September	15,447
October to December	15,204
Payroll (\$1,000):	
All employees	845,169
Construction workers	551,358
Value of construction work (\$1,000) 2/	3,902,053
Value of construction work on government owned projects	1,415,032
Value of construction work on privately owned projects	520,473
Net value of construction work (\$1,000)	2,769,537
Value added (\$1,000)	1,801,322
Cost of materials, components, supplies, and fuels (\$1,000)	1,052,870
Cost of construction work subcontracted out to others (\$1,000)	1,132,516
Rental cost of machinery, equipment, and buildings (\$1,000)	65,356
Capital expenditures, other than land (\$1,000)	48,623
End-of-year gross book value of depreciable assets (\$1,000)	654,661

1/ Data shown are based on crediting each sole proprietorship establishment with one active proprietor and each partnership establishment with two working partners.

2/ Includes subgroups not shown separately.

Source: U.S. Census Bureau, *1997 Economic Census, Geographic Area Series, Construction, Hawaii*, EC97C23A-HI (March 2000), Table 1,2 and 3, at <http://www.census.gov/prod/ec97/97c23-hi.pdf>.

Table 21.06-- CHARACTERISTICS OF THE CONSTRUCTION INDUSTRIES: 1997

[Excludes establishments without payroll. Statistics based on the North American Industry Classification System (NAICS) which replaced the Standard Industrial Classification (SIC) system used in earlier Economic Censuses. Less than half of the industries in the construction sector of NAICS have comparable industries in the SIC system. Therefore, comparability between the 1992 and the 1997 data is difficult]

NAICS code	Kind of business	Estab-lish-ments	No. of employees		Payroll (\$1,000)		Value of construct-ion work (\$1,000)
			All	Con-struction workers	All employ-ees	Con-struction workers	
23	Total	2,335	21,791	15,195	845,169	551,358	3,902,053
233	Building, development, & general contracting	813	(D)	(D)	(D)	162,708	2,049,401
2331	Land subdivision & land development	54	637	170	22,942	4,481	140,644
2332	Residential building construction	543	3,224	2,102	101,494	53,851	645,185
23321	Single-family housing construction	510	3,028	1,979	94,250	50,354	(S)
23322	Multifamily housing construction	33	196	123	7,243	3,497	52,695
2333	Nonresidential building construction	216	(D)	(D)	(D)	104,376	1,263,572
234	Heavy construction 1/	142	(D)	(D)	(D)	75,721	467,460
2341	Highway, street, bridge & tunnel construct.	52	1,041	(D)	(D)	(D)	(D)
235	Special trade contractors	1,380	11,654	8,689	433,718	312,929	1,385,192
2351	Plumbing, heating, & air-conditioning contractors	243	1,976	1,337	78,869	53,728	262,209
2352	Painting & wall covering contractors	166	1,262	986	47,794	33,441	112,265
2353	Electrical contractors	269	2,172	1,663	87,945	66,572	282,201
2354	Masonry, drywall, insulation, & tile contractors	211	1,767	1,453	62,777	50,612	179,307
2355	Carpentry & floor contractors	121	897	640	31,790	22,502	126,589
2356	Roofing, siding, & sheet metal contractors	128	1,119	806	32,613	20,317	140,447
2357	Concrete contractors	44	449	345	15,410	10,598	45,635
2358	Water well drilling contractors	10	36	21	1,212	709	4,153
2359	Other special trade contractors	188	1,976	1,437	75,307	54,449	232,386

D Withheld to avoid disclosing data of individual companies.

S Withheld because estimates did not meet publication standards.

1/ Includes subgroups not shown separately.

Source: U.S. Census Bureau, *1997 Economic Census, Geographic Area Series, Construction: Hawaii*, EC97C23A-HI (March 2000), Table 1, at <http://www.census.gov/prod/ec97/97c23-hi.pdf>.

**Table 21.07-- PRIVATE RESIDENTIAL CONSTRUCTION AND DEMOLITION
AUTHORIZED BY PERMITS, BY COUNTIES: 1994 TO 1999**

Category and year authorized	State total	City and County of Honolulu	Other counties			
			Total	Hawaii	Kauai 1/	Maui
New 1-family dwellings:						
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
1997	2,648	1,141	1,507	649	284	574
1998	2,825	1,238	1,587	773	251	563
1999	(NA)	1,442	(NA)	1,044	259	(NA)
New duplex units:						
1994	141	80	61	16	15	30
1995	112	64	48	10	21	17
1996	48	34	14	6	1	7
1997	43	38	5	4	-	1
1998	98	54	44	20	2	22
1999	(NA)	27	(NA)	6	2	(NA)
New apartments:						
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
1997	960	856	104	65	15	24
1998	555	496	59	52	1	6
1999	(NA)	570	(NA)	221	28	(NA)
Units demolished: 2/						
1994	(NA)	553	(NA)	67	23	(NA)
1995	1,161	855	306	66	172	68
1996	594	346	248	41	98	109
1997	484	392	92	35	17	40
1998	557	439	118	46	30	42
1999	(NA)	338	(NA)	60	21	(NA)

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/ All county figures, except for Maui County, exclude 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: 1989 TO 1999

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

Year	Single-family residence			High-rise building		
	All components	Materials' prices	Labor 1/	All components	Materials' prices	Labor 1/
1989	90.5	90.9	90.0	89.4	89.7	88.8
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	99.4	97.1	101.5
1993	111.5	116.0	106.2	103.9	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	125.5	129.1	121.3	116.9	110.9	122.1
1997 2/	129.3	132.7	125.3	119.3	111.8	126.0
1998 2/	129.0	131.4	126.5	119.4	111.4	127.4
1999 2/	129.8	131.4	130.9	121.0	111.4	131.3

1/ Wages and benefits.

2/ Preliminary.

Source: First Hawaiian Bank, Research Department, records; Hawaii State Department of Business, Economic Development & Tourism, records.

**Table 21.09-- CONDOMINIUM ASSOCIATIONS AND APARTMENTS
REGISTERED: FISCAL YEARS 1990 TO 1999**

Fiscal year	Associations registered	Apartments represented	Fiscal year	Associations registered	Apartments represented
1990	201	20,066	1995	999	85,296
1991	809	74,916	1996	1,161	101,629
1992	968	87,127	1997	1,277	106,052
1993	1,049	91,424	1998 1/	1,339	112,832
1994	1,114	95,827	1999	1,361	114,449

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 in the 1997 fiscal year.

Source: Hawaii Real Estate Commission, *1999 Annual Report*, p. 16 at <http://www.state.hi.us/hirec/publ.htm>.

Table 21.10-- CONDOMINIUM PROJECTS REGISTERED WITH THE STATE OF HAWAII: 1995 TO 1999

[Fiscal years ended June 30]

Subject	1995	1996	1997	1998	1999
Projects	255	183	179	226	211
Individual units	4,654	2,216	2,777	2,022	2,363

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

**Table 21.11-- NEW CONDOMINIUM PROJECTS, BY TYPE:
FISCAL YEARS 1995 TO 1999**

Type of project	1995 1/	1996 1/	1997 1/	1998	1999
All types	109	85	92	117	85
Residential	66	42	40	84	47
2 units or fewer	23	15	11	52	13
3 to 15 units	8	7	15	19	18
16 to 50 units	13	5	7	10	11
More than 50 units	16	10	4	3	5
Commercial and other	25	16	25	5	11
Agricultural	18	27	27	28	27

1/ Overall and category totals differ from those reported earlier due in part to the change in the database management system. Subcategory figures for residential, however, were not adjusted accordingly and therefore remain the same and do not add up to the residential total.

Source: Hawaii Real Estate Commission, *1999 Annual Report*, pp. 14 and 16 at <http://www.state.hi.us/hirec/publ.htm>.

**Table 21.12-- HOUSING UNITS CONVERTED FROM RENTAL UNITS TO
CONDOMINIUM UNITS: 1995 TO 1999**

[Fiscal years ended June 30]

Subject	1995	1996	1997	1998	1999
Projects	89	58	47	36	73
Housing units	1,060	476	1,048	629	368

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: 1999

Subject	State total	Hawaii	Kauai	Maui	Oahu
Properties	53	8	18	20	7
Registered units 1/	3,716	768	1,537	778	633
Operated units 2/	3,524	768	1,537	637	582

1/ Number of units registered which have been designated for sale as timeshare. This includes units not yet available for sale, currently available for sale or have already been sold.

2/ Number of units operated which have been sold or are available for sale as timeshare.

Source: Hawaii Department of Business, Economic Development & Tourism, Research and Economic Analysis Division, *1999 Visitor Plant Inventory*, pp. 56-57.

**Table 21.14-- NUMBER OF TAXPAYERS CLAIMING HOME EXEMPTIONS:
1994 TO 1999**

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

Tenure and county	1994	1995	1996	1997	1998	1999
TOTAL OWNER-OCCUPIED						
State total	176,835	180,990	184,662	185,208	188,570	189,954
Honolulu	125,529	127,496	129,542	128,489	130,823	130,959
Maui	17,191	17,960	18,449	18,903	19,166	19,537
Hawaii	24,768	25,783	26,899	27,912	28,536	29,293
Kauai	9,347	9,751	9,772	9,904	10,045	10,165
FEE SIMPLE						
State total	159,527	166,953	171,767	173,237	176,973	178,933
Honolulu	109,915	115,217	118,304	118,157	120,843	121,560
Maui	16,472	17,242	17,695	18,161	18,437	18,828
Hawaii	24,121	25,131	26,250	27,260	27,881	28,615
Kauai	9,019	9,363	9,518	9,659	9,812	9,930
LEASEHOLD						
State total	17,308	14,037	12,895	11,971	11,597	11,021
Honolulu	15,614	12,279	11,238	10,332	9,980	9,399
Maui	719	718	754	742	729	709
Hawaii	647	652	649	652	655	678
Kauai	328	388	254	245	233	235

Source: City and County of Honolulu, Department of Finance, Real Property Assessment Division, *Real Property Tax Valuations, Tax Rates & Exemptions, State of Hawaii* (annual).

Table 21.15-- SELECTED HOUSING CHARACTERISTICS, BY COUNTIES: 1990

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

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 occasional use	12,806	4,462	2,045	333	5,944
Homeowner vacancy rate	0.8	0.6	1.5	0.7	1.5
Rental vacancy rate	5.4	4.3	10.3	4.3	9.9
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

Continued on next page.

**Table 21.15-- SELECTED HOUSING CHARACTERISTICS, BY COUNTIES:
1990 -- Con.**

Subject	State total 1/	Honolulu	Hawaii	Kauai	Maui
VALUE OF SPECIFIED OWNER- OCCUPIED HOUSING UNITS 2/					
Total	144,431	98,541	21,910	8,414	15,566
Less than \$100,000	16,450	4,056	9,414	1,164	1,816
\$100,000 to \$199,999	37,825	19,781	8,159	4,028	5,857
\$200,000 to \$299,999	39,679	30,702	2,500	1,854	4,623
\$300,000 or more	50,477	44,002	1,837	1,368	3,270
Lower quartile (dollars)	156,800	202,700	77,000	122,000	141,500
Median (dollars)	245,300	283,600	113,000	171,500	202,100
Upper quartile (dollars)	358,800	391,500	176,400	254,800	284,300
RENTER-OCCUPIED HOUSING UNITS					
Total	164,356	127,394	16,125	6,713	14,062
1 unit, detached or attached	71,634	47,233	9,877	5,039	9,423
Persons per unit	2.78	2.80	2.76	2.85	2.66
Mean number of rooms	3.7	3.6	3.8	3.9	3.6
CONTRACT RENT OF SPECIFIED RENTER-OCCUPIED UNITS 3/					
Total	139,266	107,256	13,941	5,822	12,243
Less than \$250	15,119	9,653	2,841	1,253	1,368
\$250 to \$499	36,779	27,231	5,797	1,392	2,359
\$500 to \$749	43,763	35,258	3,154	1,473	3,878
\$750 to \$999	25,164	20,019	1,414	1,092	2,639
\$1,000 or more	18,441	15,095	735	612	1,999
Lower quartile (dollars)	401	423	288	301	434
Median (dollars)	599	615	428	532	658
Upper quartile (dollars)	837	854	626	807	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 21.16-- NUMBER OF HOUSING UNITS IN OAHU NEIGHBORHOODS:
1990, 1996, 1997 AND 1998**

Neighborhood Board 1/ (see the neighborhood area maps)	1990	1996	1997	1998	Percent change 1990-1998
Oahu total 1/	281,683	309,549	311,209	312,220	10.8
1 Hawaii Kai	9,234	9,648	9,770	10,012	8.4
2 Kuliouou-Kalani Iki	5,175	5,435	5,489	5,481	5.9
3 Waialae-Kahala	4,014	4,008	4,010	4,001	-0.3
4 Kaimuki	6,383	6,489	6,495	6,480	1.5
5 Diamond Head/Kapahulu/ St. Louis Heights	8,734	8,916	8,916	8,860	1.4
6 Palolo	4,208	4,236	4,236	4,227	0.5
7 Manoa	6,904	7,220	7,219	7,238	4.8
8 McCully/Moiliili	14,046	14,137	14,175	14,145	0.7
9 Waikiki	17,198	18,606	18,460	18,226	6.0
10 Makiki/Lower Punchbowl/ Tantalus	15,328	15,593	15,628	15,987	4.3
11 Ala Moana/Kakaako	6,779	8,797	8,791	9,122	34.6
12 Nuuanu/Punchbowl	5,982	6,104	6,109	6,107	2.1
13 Downtown	5,911	7,171	7,247	7,246	22.6
14 Liliha/Kapalama	6,838	6,930	6,934	6,928	1.3
15 Kalihi-Palama	11,107	11,001	10,993	10,989	-1.1
16 Kalihi Valley	4,146	4,131	4,130	4,121	-0.6
17 Moanalua	3,624	3,758	3,758	3,764	3.9
18 Aliamanu/Salt Lake/ Foster Village	12,217	12,933	12,936	13,090	7.1
19 Airport	5,996	6,235	6,271	6,271	4.6
20 Aiea	10,867	11,103	11,156	11,185	2.9
21 Pearl City	13,899	14,321	14,487	14,493	4.3
22 Waipahu	14,202	17,273	17,357	17,518	23.3
23 Ewa	11,691	19,419	19,875	20,014	71.2
24 Waianae Coast	10,711	12,012	12,107	12,087	12.8
25 Mililani/Waipio/Melemanu	10,738	11,198	11,233	11,232	4.6
26 Wahiawa	11,268	15,717	15,901	15,902	41.1
27 North Shore	5,287	6,029	6,259	6,253	18.3
28 Koolauloa	4,422	4,493	4,593	4,594	3.9
29 Kahaluu	4,409	4,591	4,601	4,600	4.3
30 Kaneohe	12,452	13,205	13,212	13,205	6.0
31 Kailua	15,709	16,443	16,458	16,441	4.7
32 Waimanalo	2,204	2,397	2,403	2,401	8.9

1/ Mokapu/Kaneohe MCAS is included in the Kailua Neighborhood Board. Also, data are not listed separately for the Makakilo/Kapolei/Honokai Hale and the Mililani Mauka/Launani Valley Neighborhood Boards which were recently formed from other existing neighborhood board areas.

Source: City and County of Honolulu, Planning and Permitting Department, Planning Division, records.

Table 21.17-- SUMMARY HOUSING CHARACTERISTICS, BY COUNTIES: 1990

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

Characteristic	State total 1/	Hawaii	Honolulu	Kauai	Maui
All housing units	389,810	48,253	281,683	17,613	42,160
Percent--					
Structure built 1980-1990	20.8	35.1	15.9	32.3	32.5
Structure built before 1940	6.7	10.8	5.8	10.2	6.5
Under 2 bedrooms	26.1	19.5	27.4	15.7	29.2
4 or more bedrooms	13.4	10.5	14.7	10.2	9.2
Condominium	20.8	8.1	23.5	5.1	23.8
Lacking complete plumbing	1.1	3.6	0.6	1.3	1.2
With public sewer	80.2	27.8	93.6	30.9	72.2
Lacking complete kitchen facilities	1.6	3.4	1.3	1.8	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

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 21.18--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]

Subject	The State		Counties, 1997			
	1992	1997	Hono- lulu	Maui	Hawaii	Kauai
HOUSING INVENTORY STUDY						
All units	400,388	442,867	309,473	54,639	54,643	24,112
Type:						
Single family	217,610	238,487	145,078	32,379	43,979	17,051
Condominium	109,861	125,193	92,503	18,362	8,539	5,789
Apartment	46,116	50,512	43,732	3,768	1,814	1,198
Military	19,398	20,145	20,071	-	-	74
Student	4,689	4,771	4,405	55	311	-
Cooperative	2,714	3,759	3,684	75	-	-
Owner-occupied (percent)	42.6	44.2	43.4	40.1	53.3	43.7
Single family	63.8	65.6	68.6	59.5	63.2	58.2
Condominium	28.8	31.5	37.7	14.4	15.4	10.3
HOUSING DEMAND SURVEY (Excludes military, student, transient, and vacant units)						
Survey base	281,095	376,574	272,234	39,252	46,271	18,817
Owner-occupied (percent)	51.9	57.9	53.8	65.0	72.3	67.1
Household income (median)	\$36,289	\$39,883	\$42,234	\$38,908	\$31,831	\$34,891
Poor condition (percent)						
Owner-occupied	1.5	3.6	3.7	3.3	4.1	3.0
Renter-occupied	6.0	6.3	6.0	5.0	9.6	6.7
Average monthly mortgage 1/	\$800	\$1,319	\$1,430	\$1,210	\$954	\$1,151
Average monthly rent 2/	\$793	\$897	\$928	\$850	\$697	\$830
Overcrowded 3/	22.2	10.2	10.6	10.4	7.9	9.1
Percent completed surveys	(NA)	1.4	0.4	2.7	6.5	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 21.19-- TENURE AND VALUE OF CONDOMINIUM UNITS,
BY COUNTIES: 1990**

County	All housing units	Condominium housing units				Median value 2/ (dollars)
		Total	Owner-occupied	Renter-occupied	Vacant 1/	
State total	389,810	81,127	35,078	30,450	15,599	191,600
Honolulu	281,683	66,264	32,063	26,383	7,818	195,800
Other counties	108,127	14,863	3,015	4,067	7,781	142,400
Hawaii	48,253	3,924	835	1,596	1,493	125,100
Kalawao	101	-	-	-	-	-
Kauai	17,613	900	267	465	168	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 21.20-- VACANCY AND HOMEOWNERSHIP RATES, FOR THE STATE
AND HONOLULU MSA: 1989 TO 1999**

Year	Rental vacancy rate		Homeowner vacancy rate		Homeownership rate	
	State total	Honolulu MSA 1/	State total	Honolulu MSA 1/	State total	Honolulu MSA 1/
1989	2/ 6.6	2/ 5.1	2/ 1.0	2/ 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 2/	6.8	3.9	3.0	1.3	52.8	51.9
1994	7.4	5.0	2.0	1.4	52.3	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
1997	7.1	6.4	1.6	1.3	50.2	48.5
1998	6.9	6.3	1.3	0.9	52.8	51.2
1999	7.6	7.6	1.8	1.2	56.6	56.0
Standard error	1.0	1.2	0.4	0.2	1.1	1.3
U.S. 1999	8.1	3/ 7.8	1.7	3/ 1.5	66.8	3/ 64.7

1/ The Honolulu Metropolitan Statistical Area consists of the City and County of Honolulu.

2/ Revised dataset.

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

Source: U.S. Bureau of the Census, "Housing Vacancies and Homeownership Annual Statistics: 1999," at <http://www.census.gov/hhes/www/housing/hvs/annual99/ann99ind.html>.

**Table 21.21-- BUILDING VACANCY RATES FOR COMPETITIVE OFFICE SPACE
FOR THE METROPOLITAN HONOLULU OFFICE MARKET,
BY SUBMARKET: 1991 TO 1999**

[The Metropolitan Honolulu Office Market survey includes 111 multi-tenant Class A and Class B buildings with 20,000 square feet or more. Rates are percent of space reported vacant in survey]

Vacancy Rate 1/	1991	1992	1993	1994	1995	1996	1997	1998	1999
Downtown 2/	3.8	10.0	13.9	15.4	16.4	16.1	15.2	14.2	14.1
Suburban 3/	5.6	7.2	7.8	11.1	12.1	12.9	12.5	14.5	13.7

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 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 20,000 square feet and above.

Source: CB Richard Ellis Hawaii, Inc. records; Society of Industrial and Office Realtors & Lauder Real Estate Counselors, *1998 Comparative Statistics of Industrial and Office Real Estate Markets* (1998).

**Table 21.22-- HOUSING AND COMMUNITY DEVELOPMENT
CORPORATION OF HAWAII PUBLIC HOUSING OPERATIONS:
1997 TO 1999**

[Hawaii Housing Authority figures were displayed in earlier *Data Book* tables. Effective July 1, 1998, the Hawaii Housing Authority was consolidated with the Housing Finance and Development Corporation and is now named the Housing and Community Development Corporation of Hawaii]

Subject	1997	1998	1999
Total units owned by HCDCH, June 30	6,352	6,577	1/ 6,577
Occupied	5,876	6,095	5,985
Population in units, June 30	16,116	16,771	16,445
Per occupied unit	2.40	2.60	2.70
Operating revenues of HCDCH, fiscal year: 2/			
Gross (\$1,000)	22,469	22,791	23,145
Net (\$1,000)	3,831	2,502	4,197
Operating revenues per unit per month, fiscal year (dollars) 2/	295	351	357
Rent charged per unit per month, fiscal year (dollars) 2/	195	199	184

1/ Federal low-rent, 5,407; State low-rent, 594; State elderly, 576.

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

Source: Hawaii State Department of Business, Economic Development & Tourism, Housing and Community Development Corporation of Hawaii, records.

**Table 21.23-- REAL ESTATE LICENSES, ACTIVE AND INACTIVE, BY TYPE
OF LICENSE AND LOCATION: MARCH 6, 2000**

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

Type of license	Active	Inactive	Location	Active	Inactive
Total	9,154	4,898	Oahu	5,948	3,021
			Hawaii	1,122	553
Broker:			Maui	1,424	506
Individual	3,447	644	Kauai	624	267
Corporation or partnership	980	71	Molokai	28	5
Limited Liability Corporation/ Limited Liability Partnership	50	4	Lanai	6	3
			U.S. mainland	2	505
Salesman	4,677	4,179	Foreign	-	38

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

**Table 21.24-- MULTIPLE LISTING SERVICE LISTINGS AND SALES, FOR
OAHU: 1989 TO 1999**

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

Year	Number listed	Number sold	Percent sold	Average sales price (dollars)
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

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

**Table 21.25-- MULTIPLE LISTING SERVICE LISTINGS AND SALES, BY TYPE
OF PROPERTY, FOR OAHU: 1997 TO 1999**

Year and type of property	Number listed	Number sold	Percent sold	Sales price (dollars)	
				Mean	Median
1997					
Total	11,868	4,313	36.3	281,785	...
Single family	4,858	2,025	41.7	380,507	307,000
Condominium/cooperative	6,000	2,100	35.0	178,090	150,000
Vacant land	549	117	21.3	348,187	239,000
Multi-family	203	34	16.7	561,957	454,500
Commercial/industrial	123	21	17.1	475,405	470,000
Business opportunities	135	16	11.9	62,168	34,400
1998					
Total	11,721	5,351	45.7	269,839	...
Single family	4,855	2,495	51.4	370,021	297,000
Condominium/cooperative	6,010	2,632	43.8	160,978	135,000
Vacant land	450	156	34.7	383,960	230,000
Multi-family	169	34	20.1	546,647	441,000
Commercial/industrial	130	23	17.7	787,011	450,000
Business opportunities	107	11	10.3	38,727	42,000
1999					
Total	11,173	6,381	57.1	265,009	...
Single family	4,653	2,853	61.3	377,497	290,000
Condominium/cooperative	5,606	3,298	58.8	157,418	125,000
Vacant land	498	172	34.5	406,961	235,000
Multi-family	187	33	17.6	503,394	395,000
Commercial/industrial	137	15	10.9	503,627	440,000
Business opportunities	92	10	10.9	69,600	60,000

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

**Table 21.26-- MULTIPLE LISTING SERVICE SINGLE-FAMILY HOUSES SOLD,
BY SELLING PRICE RANGE, FOR OAHU: 1997 TO 1999**

Selling price range	1997	1998	1999
All properties	2,025	2,428	2,853
On leased land	46	67	62
Percent	2.3	2.8	2.2
Less than \$100,000	17	12	54
\$100,000 to \$149,999	32	69	138
\$150,000 to \$199,999	169	255	347
\$200,000 to \$249,999	378	447	478
\$250,000 to \$299,999	369	418	476
\$300,000 to \$349,999	319	314	351
\$350,000 to \$399,999	207	254	276
\$400,000 to \$449,999	132	139	163
\$450,000 to \$499,999	93	123	145
\$500,000 to \$549,999	64	79	83
\$550,000 to \$599,999	46	63	48
\$600,000 to \$649,999	31	44	51
\$650,000 to \$699,999	30	45	47
\$700,000 to \$799,999	42	43	64
\$800,000 to \$899,999	31	34	37
\$900,000 to \$999,999	15	19	16
\$1.0 to \$1.9 million	33	56	49
\$2.0 to \$2.9 million	12	8	17
\$3.0 to \$3.9 million	2	4	5
\$4.0 to \$4.9 million	1	2	4
\$5.0 million or more	2	-	4
Median value	\$307,000	\$297,000	\$290,000
Mean value	\$380,507	\$370,021	\$377,497

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

**Table 21.27-- MULTIPLE LISTING SERVICE COOPERATIVE AND
CONDOMINIUM UNITS SOLD, BY SELLING PRICE RANGE, FOR OAHU:
1997 TO 1999**

Selling price range	1997	1998	1999		
			Total	Fee simple	Leasehold
All properties	2,100	2,632	3,298	2,323	975
Less than \$50,000	1/ 87	206	294	127	167
\$50,000 to \$74,999	173	281	354	189	165
\$75,000 to \$99,999	206	298	513	355	158
\$100,000 to \$124,999	260	389	449	297	152
\$125,000 to \$149,999	1/ 302	361	394	296	98
\$150,000 to \$174,999	241	249	292	229	63
\$175,000 to \$199,999	215	186	245	194	51
\$200,000 to \$224,999	145	174	196	160	36
\$225,000 to \$249,999	120	121	118	108	10
\$250,000 to \$274,999	59	89	79	66	13
\$275,000 to \$299,999	45	50	82	69	13
\$300,000 to \$349,999	89	72	90	79	11
\$350,000 to \$399,999	56	39	53	37	16
\$400,000 to \$449,999	26	37	37	31	6
\$450,000 to \$499,999	20	24	22	20	2
\$500,000 to \$599,999	27	22	29	27	2
\$600,000 to \$699,999	16	13	21	17	4
\$700,000 to \$799,999	3	5	7	5	2
\$800,000 to \$899,999	4	4	13	9	4
\$900,000 to \$999,999	3	7	3	2	1
\$1,000,000 or more	3	5	7	6	1
Median value	\$150,000	\$135,000	\$125,000	\$139,900	\$98,000
Mean value	\$178,090	\$160,978	\$157,418	\$171,368	\$124,182

1/ Revised.

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

Table 21.28-- MULTIPLE LISTING SERVICE, NUMBER OF SINGLE FAMILY AND CONDOMINIUM REALES, BY ISLAND: 1989 TO 1999

Category and year	State total	Oahu	Hawaii	Kauai	Maui
SINGLE FAMILY					
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
1998	4,646	2,492	1,152	321	681
1999	5,383	2,850	1,190	357	986
CONDOMINIUM					
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
1998	4,440	2,638	494	267	1,041
1999	5,499	3,284	475	327	1,413

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

**Table 21.29-- MULTIPLE LISTING SERVICE, MEDIAN SALES PRICE OF
SINGLE FAMILY AND CONDOMINIUM REALES, BY ISLAND:
1989 TO 1999**

[In dollars]

Category and year	State total 1/	Oahu	Hawaii	Kauai	Maui
SINGLE FAMILY					
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
1998	251,500	297,000	159,000	237,500	254,000
1999	253,000	290,000	163,000	238,750	250,000
CONDOMINIUM					
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
1998	139,000	134,950	122,500	129,000	161,300
1999	138,000	125,000	135,000	121,250	165,000

1/ Weighted by the number of resales.

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

**Table 21.30-- CHARACTERISTICS OF SINGLE FAMILY HOMES INSURED
UNDER FHA SECTION 203(B): 1995 AND 1996**

Subject	1995	1996
Number insured	415	701
Proposed	232	293
Existing	183	408
Amount (\$1,000)	59,365	102,577
Proposed	34,250	42,178
Existing	25,115	60,399
Averages:		
Age of structure (years)	14.0	12.3
Improved living area (square feet)	(B)	(B)
Lot size (square feet)	(B)	(B)
Number of rooms	(B)	(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)	177,505	171,483
Sales price per square foot (dollars)	(B)	(B)
Annual effective income (dollars)	55,656	55,981

B Sample under 25.

Source: U.S. Department of Housing and Urban Development, Information Systems Division, *FHA Homes - 1995, Sec. 203(b)*, pp. 31-51, and *FHA Homes - 1996, Sec. 203(b)*, pp. 31-51.

Table 21.31-- NUMBER OF DEEDS FILED AND RECORDED AND APPROXIMATE VALUE OF LAND CONVEYED: 1995 TO 1999

[For calendar years. Data include leases, agreement of sales assignments, subleases, timeshares, etc., as well as deeds]

Subject	1995	1996	1997	1998	1999
Number of deeds filed and recorded	58,849	62,098	61,518	70,057	76,331
Approximate value of land conveyed (\$1,000)	6,424,925	5,793,252	6,298,003	7,440,642	8,311,047

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

**Table 21.32-- APPROXIMATE VALUE OF LAND TRANSFERS, BY
COUNTIES: 1997 TO 1999**

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

County	1997	1998 1/	1999
State total	6,298,002,889	7,440,641,970	8,311,046,800
Honolulu	4,042,187,000	3,904,127,400	4,836,187,300
Maui	1,057,280,899	1,971,081,970	1,683,687,900
Hawaii	851,136,190	1,066,147,500	1,201,547,300
Kauai	347,398,800	499,285,100	589,624,300

1/ Revised.

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

**Table 21.33-- FORECLOSURE FILINGS, BY JUDICIAL CIRCUIT:
1994 TO 1999**

Year	State total	First Circuit 1/	Second Circuit 2/	Third Circuit 3/	Fifth Circuit 4/
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

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 21.34-- ELEVATORS, ESCALATORS, AND SIMILAR FACILITIES:
DECEMBER 31, 1999**

Facility	State total	Oahu	Hawaii		Maui	Molo-kai	Lanai	Kauai
			Hilo	Kona				
Total	5,901	4,708	173	223	550	4	21	222
Elevators	4,901	3,873	124	209	484	1	20	190
Hydro (Under 9 stories)	1,477	980	63	104	199	1	9	121
Roped:								
Under 9 stories	1,588	1,149	50	105	219	-	11	54
9 to 18 stories	1,137	1,045	11	-	66	-	-	15
19 to 28 stories	397	397	-	-	-	-	-	-
29 to 38 stories	214	214	-	-	-	-	-	-
39 stories or more	88	88	-	-	-	-	-	-
Escalators & moving walks/ speed ramps	411	390	6	-	13	-	-	2
Inclined lifts	11	4	3	1	-	-	1	2
Private industrial elevators	25	2	2	3	10	-	-	8
Manlifts	8	8	-	-	-	-	-	-
Handicap/chairlifts	215	155	21	8	16	3	-	12
Dumbwaiters	330	276	17	2	27	-	-	8
Material lifts	-	-	-	-	-	-	-	-

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

Table 21.35-- TALLEST STRUCTURES, BY ISLANDS: MARCH 2000

Island and structure	Location	Year completed	Height	
			Stories	Feet
BUILDINGS 1/				
Hawaii: Bayshore Towers	Hilo	1970	15	135
Maui: Kalana O Maui (County Bldg.)	Wailuku	1972	9	140
Royal Lahaina Hotel	Kaanapali	1970	12	132
Lanai: Manele Hotel	Hulopoe Bay	1991	3	48
Molokai: Molokai Light Station	Kalaupapa	1909	...	138
Oahu: First Hawaiian Center	999 Bishop Street	1996	27	438
Nauru Tower	1330 Ala Moana Blvd.	1991	45	400
Waterfront Towers	425 South Street	1990	46	400
One Archer Lane	801 South King Street	1998	41	400
Hawaiki Tower	404 Piikoi Street	1999	47	400
Kauai: Marriott Resort & Beach Club	Lihue	1959	10	107
OTHER STRUCTURES				
Hawaii: Coast Guard Loran Station	Upolu Point	1958	...	625
Maui: KMVI Radio Tower	Wailuku	1992	...	455
Lanai: Storage tanks	Manele Harbor	50
Molokai: KAIM Radio Tower	Kalua Koi	1981	...	410
Oahu: VLF Antenna	Lualualei	1972	...	1,503
Kauai: Communication Engineers Tower	Mana	1964	...	400

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

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