

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 20 of the *Statistical Abstract of the United States: 2001*.

**Table 21.01-- NUMBER AND VALUE OF BUILDING PERMITS, BY COUNTIES:
1997 TO 2001**

Year	State total	City and County of Honolulu	Hawaii County	Kauai County	Maui County
NUMBER ISSUED					
1997	16,444	11,140	2,514	1,040	1,750
1998	16,058	10,677	2,639	972	1,770
1999	17,381	11,449	2,850	1,199	1,883
2000	1/ 19,074	12,443	3,254	1/ 1,083	2,294
2001	2/ 19,466	2/ 12,929	3,288	1,237	2,012
ESTIMATED VALUE (\$1,000)					
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	1,320,218	706,358	243,852	140,846	229,162
2000	1/ 1,513,073	694,223	321,704	1/ 141,786	355,360
2001	2/ 1,585,739	2/ 682,660	380,249	210,094	312,737

1/ Kauai County data for November consisted of residential data only. Also, Kauai County total for additions and alterations was revised.

2/ Revised as of July 17, 2002.

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

**Table 21.02-- VALUE OF BUILDING PERMITS, BY TYPE, BY COUNTIES:
1999 TO 2001**

[In thousands of dollars]

Category	State total	City and County of Honolulu	Hawaii County	Kauai County	Maui County
1999					
Total	1,320,218	706,358	243,852	140,846	229,162
Residential	628,778	241,989	181,203	81,955	123,632
Hotel	50,700	50,700	-	-	-
Non-residential	255,477	152,084	27,485	15,420	60,488
Additions and alterations	385,263	261,585	35,164	43,471	45,042
2000					
Total	1/ 1,513,073	694,223	321,704	1/ 141,786	355,360
Residential	800,148	274,298	232,361	97,180	196,310
Hotel	13,630	800	-	-	12,830
Non-residential	232,582	99,703	53,489	17,065	62,325
Additions and alterations	1/ 466,712	319,423	35,855	1/ 27,541	83,894
2001					
Total	2/ 1,585,739	2/ 682,660	380,249	3/ 210,094	312,737
Residential	2/ 882,444	2/ 308,622	253,021	3/ 134,253	186,548
Hotel	73,267	-	6,600	32,667	34,000
Non-residential	255,841	106,652	78,080	18,491	52,619
Additions and alterations	374,186	267,385	42,548	24,682	39,570

1/ Kauai County data for November consisted of residential data only. Also, Kauai County value for additions and alterations was revised.

2/ Revised as of July 17, 2002.

3/ Includes time share units valued at about \$29.6 million.

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

Table 21.03-- ACCEPTED VALUE PER HOUSING UNIT, BY TYPE OF STRUCTURE, FOR BUILDING PERMITS ISSUED BY THE CITY AND COUNTY OF HONOLULU: 1996 TO 2001

[In dollars. Excludes building permits for additions, alterations and repair. "Estimated value" which was used in previous *Data Book* tables is the same as "accepted value" used in this table. "Accepted value" is the cost of construction for which building permits are issued]

Type of structure	1996	1997	1998	1999	2000	2001
One-family	149,807	151,064	151,049	157,762	160,503	169,121
Two-family	139,824	141,816	152,019	140,481	1/ 84,598	1/ 128,273
Multi-family	100,344	123,611	75,343	79,813	1/ 64,729	1/ 98,081

1/ Not comparable to data shown for years prior to 2000 due to changes in the statistical reporting system.

Source: City and County of Honolulu Department of Planning and Permitting, *Monthly Bulletin - Building Permits, Building Permits Issued from January 1, 2001 to December 31, 2001*
 <<http://www.honoluludpp.org/daily/calendaryear/yearly01.pdf>> accessed April 12, 2002; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 21.04-- GENERAL EXCISE TAX BASE FOR CONTRACTING:
1991 TO 2001**

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

Year 1/	Amount	Year 1/	Amount	Year 1/	Amount
1991	4,334,051	1995	3,133,510	1999	2,991,201
1992	4,012,688	1996	3,285,106	2000	3,613,485
1993	3,803,605	1997	2,944,427	2001	3,766,404
1994	3,322,339	1998	3,015,977		

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), Tables 1, 2 and 3
<<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 <<http://www.census.gov/prod/ec97/97c23-hi.pdf>>.

**Table 21.07-- PRIVATE RESIDENTIAL CONSTRUCTION AND DEMOLITION
AUTHORIZED BY PERMITS, BY COUNTIES: 1996 TO 2001**

Category and year authorized	State total	City and County of Honolulu	Other counties			
			Total	Hawaii	Kauai 1/	Maui
New 1-family dwellings:						
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	3,395	1,442	1,953	1,044	259	650
2000	4,049	1,674	2,375	1,260	273	842
2001	(NA)	1,573	(NA)	1,129	320	(NA)
New duplex units:						
1996	48	34	14	6	1	7
1997	43	38	5	4	-	1
1998	98	54	44	20	2	22
1999	56	27	29	6	2	21
2000	143	100	43	20	4	19
2001	(NA)	78	(NA)	22	20	(NA)
New apartments:						
1996	1,093	997	96	63	17	16
1997	960	856	104	65	15	24
1998	555	496	59	52	1	6
1999	839	570	269	221	28	20
2000	622	253	369	327	2	40
2001	(NA)	275	(NA)	236	2/ 144	(NA)
Units demolished: 3/						
1996	594	346	248	41	98	109
1997	484	392	92	35	17	40
1998	557	439	118	46	30	42
1999	505	338	167	60	21	86
2000	598	487	111	41	33	37
2001	(NA)	351	(NA)	40	13	(NA)

NA Not available.

1/ Kauai County figures for 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.

2/ Includes 118 time share units.

3/ 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: 1991 TO 2001

[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/
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	129.3	132.7	125.3	119.3	111.8	126.0
1998	129.0	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)

NA Not available.

1/ Wages and benefits.

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

**Table 21.09-- CONDOMINIUM ASSOCIATIONS AND APARTMENTS
REGISTERED: FISCAL YEARS 1992 TO 2001**

[Biennial registration was started in June 1997]

Fiscal year	Associations registered	Apartments represented	Fiscal year	Associations registered	Apartments represented
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
1995	1,171	101,628	2000	1,389	2/ 116,750
1996	1,249	107,580	2001	1,419	118,209

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.

2/ Revised.

Source: Hawaii Real Estate Commission, *2001 Annual Report*, p. 21 <<http://www.state.hi.us/hirec/>> accessed June 4, 2002.

Table 21.10-- CONDOMINIUM PROJECTS REGISTERED WITH THE STATE OF HAWAII: 1997 TO 2001

[Fiscal years ended June 30]

Subject	1997	1998	1999	2000	2001
Projects	201	226	211	225	210
Individual units	2,765	2,025	2,363	1,693	2,918

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: 1997 TO 2001

[Fiscal years ended 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	1997	1998	1999	2000	2001
All types	92	117	85	109	111
Residential	1/ 40	84	47	64	66
2 units or fewer	13	52	13	17	17
3 to 15 units	13	19	18	26	27
16 to 50 units	8	10	11	17	12
More than 50 units	6	3	5	4	10
Commercial and other	25	5	11	18	15
Agricultural	27	28	27	27	30

1/ Revised figures for the total and subcategories obtained from the Hawaii Real Estate Commission. Figures differ from those shown in the *2001 Annual Report*.

Source: Hawaii Real Estate Commission, *2000 Annual Report*, pp. 19 and 21
 <<http://www.state.hi.us/hirec/>> accessed June 4, 2002.

**Table 21.12-- HOUSING UNITS CONVERTED FROM RENTAL UNITS TO
CONDOMINIUM UNITS: 1997 TO 2001**

[Fiscal years ended June 30]

Subject	1997	1998	1999	2000	2001
Projects	66	54	73	55	44
Housing units	981	665	368	342	454

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: 2001

Subject	State total	Oahu	Hawaii	Kauai	Maui	Molokai
Properties	72	10	13	18	30	1
Registered units 1/	4,830	973	883	1,611	1,356	7
Operated units 2/	4,299	702	883	1,599	1,108	7

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, *2001 Visitor Plant Inventory*, pp. 64-65.

**Table 21.14-- NUMBER OF TAXPAYERS CLAIMING HOME EXEMPTIONS:
1996 TO 2001**

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

Tenure and county	1996	1997	1998	1999	2000	2001
TOTAL OWNER-OCCUPIED						
State total	184,662	185,208	188,570	189,954	189,756	(NA)
Honolulu	129,542	128,489	130,823	130,959	129,506	128,836
Maui	18,449	18,903	19,166	19,537	19,951	(NA)
Hawaii	26,899	27,912	28,536	29,293	29,966	(NA)
Kauai	9,772	9,904	10,045	10,165	10,333	10,325
FEE SIMPLE						
State total	171,767	173,237	176,973	178,933	179,344	(NA)
Honolulu	118,304	118,157	120,843	121,560	120,748	120,580
Maui	17,695	18,161	18,437	18,828	19,226	(NA)
Hawaii	26,250	27,260	27,881	28,615	29,254	(NA)
Kauai	9,518	9,659	9,812	9,930	10,116	10,108
LEASEHOLD						
State total	12,895	11,971	11,597	11,021	10,412	(NA)
Honolulu	11,238	10,332	9,980	9,399	8,758	8,256
Maui	754	742	729	709	725	(NA)
Hawaii	649	652	655	678	712	(NA)
Kauai	254	245	233	235	217	217

NA Not available.

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* (annual) and

"Number and Amount of Exemption by Type and County for Fiscal Year 2001-02"

<http://www.co.honolulu.hi.us/rpa/01_ex.pdf> accessed June 19, 2002.

Table 21.15-- SELECTED HOUSING CHARACTERISTICS, BY COUNTIES: 2000

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

Subject	State total	Honolulu	Hawaii	Kauai	Maui 1/
All housing units	460,542	315,988	62,674	25,331	56,549
Occupied housing units	403,240	286,450	52,985	20,183	43,622
Owner-occupied housing units	227,888	156,290	34,175	12,384	25,039
Renter-occupied housing units	175,352	130,160	18,810	7,799	18,583
Average household size	2.92	2.95	2.75	2.87	2.91
Owner-occupied housing units	3.07	3.13	2.79	3.01	3.13
Renter-occupied housing units	2.71	2.74	2.69	2.63	2.61
Vacant housing units	57,302	29,538	9,689	5,148	12,927
For rent	15,699	12,203	1,556	504	1,436
For sale only	3,720	2,572	678	152	318
Rented or sold, not occupied	2,683	1,690	463	108	422
For seasonal, recreational, or occasional use	25,584	6,856	5,101	3,850	9,777
For migrant workers	57	17	21	14	5
Other vacant	9,559	6,200	1,870	520	969
Homeowner vacancy rate (percent)	1.6	1.6	1.9	1.2	1.3
Rental vacancy rate (percent)	8.2	8.6	7.6	6.1	7.2
Owner-occupied:					
Family households	178,918	124,021	25,634	9,765	19,498
Married-couple family	143,564	99,455	20,531	7,921	15,657
Other family	35,354	24,566	5,103	1,844	3,841
Nonfamily households	48,970	32,269	8,541	2,619	5,541
Renter-occupied:					
Family households	108,150	81,651	11,269	4,807	10,423
Married-couple family	72,513	56,740	6,297	2,960	6,516
Other family	35,637	24,911	4,972	1,847	3,907
Nonfamily household	67,202	48,509	7,541	2,992	8,160

1/ Includes Kalawao County (172 housing units), not shown separately.

Source: U.S. Census Bureau, Summary File 1 Hawaii (July 25, 2001).

Table 21.16-- SUMMARY HOUSING CHARACTERISTICS, BY COUNTIES: 2000

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

Characteristic	State total	Hawaii	Honolulu	Kauai	Maui 1/
All housing units	460,542	62,674	315,988	25,331	56,549
Percent--					
Structure built 1990-2000	18.1	26.0	14.6	29.4	23.8
Structure built before 1940	4.7	6.7	4.4	5.3	4.1
Lacking complete plumbing	1.0	2.7	0.6	0.9	1.0
Lacking complete kitchen facilities	1.4	3.0	1.2	1.6	1.1
Percent with no telephone service 2/	2.0	3.3	1.7	2.2	2.4
Median number of rooms	4.3	4.6	4.3	4.6	3/ 4.0
All occupied units	403,240	52,985	286,450	20,183	43,622
Percent householder moved into unit--					
1999 to March 2000	20.2	19.7	20.1	17.7	22.2
Before 1980	22.6	20.1	23.8	21.7	17.8
Percent of units with occupants per room of 1.51 or more	7.8	5.7	8.2	5.4	8.2
Specified owner-occupied units	173,861	29,914	113,155	10,839	19,953
Median value (dollars)	272,700	153,700	309,000	216,100	249,900
With a mortgage	122,128	19,167	81,606	7,224	14,131
Median monthly costs (dollars)	1,571	1,133	1,653	1,375	1,572
Monthly costs were 35 percent or more of household income	38,510	5,970	24,904	2,435	5,201
Not mortgaged	51,733	10,747	31,549	3,615	5,822
Median monthly costs (dollars)	271	212	289	269	260
Specified renter-occupied units	174,458	18,382	129,907	7,735	18,434
Median gross rent (dollars)	779	645	802	739	3/ 788
Rent was 35 percent or more of household income	50,848	5,637	37,543	2,320	5,348

1/ Includes Kalawao County (172 housing units), not shown separately.

2/ Telephone service not available in the unit from which calls could be made and received. This includes cellular telephones.

3/ Maui County, not including Kalawao County. Median number of rooms for Kalawao County was 2.0. Median gross rent for Kalawao County was \$788. No median available for combined area of Maui and Kalawao County.

Source: U.S. Census Bureau, Census 2000 Summary File 3 "Table DP-4. Profile of Selected Housing Characteristics: 2000" (May 2002) <<http://www.census.gov/Press-Release/www/2002/demoprofiles.html>> accessed June 19, 2002.

**Table 21.17--CHARACTERISTICS OF HOUSING UNITS, FOR THE STATE,
1997 AND 2000, AND COUNTIES, 2000**

Subject	The State		Counties, 2000 1/			
	1997	2000 1/	Hono- lulu	Maui	Hawaii	Kauai
Total households	376,574	412,852	291,761	45,212	55,063	20,816
Owner-occupied (percent)	57.9	58.3	55.8	65.3	71.7	54.8
Household income (median dollars)	39,883	45,618	47,847	43,570	35,770	42,639
Average monthly mortgage (dollars) 2/	1,319	1,374	1,491	1,326	980	1,185
Average monthly rent (dollars) 3/	897	930	977	903	684	766
Overcrowded 4/	10.2	6.9	7.0	8.1	5.7	5.8
Monthly shelter payment as percentage of income						
Under 30 percent	53.5	55.1	55.1	51.9	56.6	59.0
30 to 40 percent	18.5	18.3	18.3	20.0	17.7	15.7
Over 40 percent	19.1	26.6	26.6	28.2	25.7	25.3
Not enough information	8.9	-	-	-	-	-
Household type (percent) 5/						
Single member household	14.2	18.3	17.9	21.1	18.6	17.7
Married, no children	25.8	21.4	20.8	19.9	24.8	23.8
Parent(s) and children	27.6	37.4	37.7	36.1	35.8	39.2
Unrelated roommates	4.1	2.4	2.3	3.6	2.2	1.7
Multiple families	26.5	20.5	21.3	19.3	18.6	17.6
Undetermined	1.9	-	-	-	-	-

1/ Based on a telephone survey of 5,882 households in the counties of Honolulu, Hawaii, Maui and Kauai. Excluded persons residing on the island of Niihau, persons in institutionalized housing, shipboard and barracks populations, homeless persons and persons without telephone service.

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

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

4/ Percent with 1.01 or more persons per room.

5/ Household type was measured differently in 1997 and 2000.

Source: *Hawaii Housing Policy Study Update, 2000*, based on data from the Hawaii Health Survey 2000, prepared for Housing Agencies of Hawaii by SMS (April 2001).

**Table 21.18-- NUMBER OF HOUSING UNITS IN OAHU NEIGHBORHOODS:
1990 AND 2000**

Neighborhood Board 1/ (see maps)	1990	2000	Percent change
Oahu total 1/	281,683	315,988	12.2
1 Hawaii Kai	9,234	10,175	10.2
2 Kuliouou-Kalani Iki	5,175	6,488	25.4
3 Waialae-Kahala	4,014	3,095	-22.9
4 Kaimuki	6,383	6,632	3.9
5 Diamond Head/Kapahulu/ St. Louis Heights	8,734	8,649	-1.0
6 Palolo	4,208	4,583	8.9
7 Manoa	6,904	7,420	7.5
8 McCully/Moilili	14,046	14,098	0.4
9 Waikiki	17,198	18,370	6.8
10 Makiki/Lower Punchbowl/ Tantalus	15,328	16,368	6.8
11 Ala Moana/Kakaako	6,779	9,440	39.3
12 Nuuanu/Punchbowl	5,982	6,584	10.1
13 Downtown	5,911	7,342	24.2
14 Liliha/Kapalama	6,838	6,852	0.2
15 Kalihi-Palama	11,107	11,108	0.0
16 Kalihi Valley	4,146	4,169	0.6
17 Moanalua	3,624	3,462	-4.5
18 Aliamanu/Salt Lake/ Foster Village	12,217	12,927	5.8
19 Airport	5,996	5,627	-6.2
20 Aiea	10,867	11,044	1.6
21 Pearl City	13,899	14,812	6.6
22 Waipahu	14,202	17,897	26.0
23 Ewa	6,971	15,845	127.3
24 Waianae Coast	10,711	12,378	15.6
25 Mililani/Waipio/Melemanu	10,738	11,445	6.6
26 Wahiawa	2/ 11,260	12,115	7.6
27 North Shore	5,287	6,648	25.7
28 Koolauloa	4,422	4,473	1.2
29 Kahaluu	4,409	4,682	6.2
30 Kaneohe	12,452	11,821	-5.1
31 Kailua	2/ 13,679	15,280	11.7
32 Waimanalo	2,204	2,792	26.7
33 Mokapu	2,030	2,388	17.6
34 Makakilo/Kapolei/ Honokai Hale	4,720	4,937	4.6
35 Mililani Mauka-Launani Valley	8	4,042	50,425.0

Footnotes and source on next page.

**Table 21.18-- NUMBER OF HOUSING UNITS IN OAHU NEIGHBORHOODS:
1990 AND 2000 -- Cont.**

1/ Data in this table pertain to neighborhood areas whose boundaries are very close but do not match exactly to the neighborhood board boundaries.

2/ Revised.

Source: City and County of Honolulu Planning and Permitting Department, Planning Division, Community Profiles for Neighborhood Areas <<http://honoluludpp.org/planning/demographics/cp-toc.pdf>> accessed June 13, 2002.

**Table 21.19-- HOUSING CHARACTERISTICS OF OAHU
NEIGHBORHOODS: 2000**

Neighborhood Area 1/ (see maps)	Total housing units	Occupied		Home- ownership rate	Vacancy rate	
		Owner	Renter		Home- owner	Rental
Oahu total	315,988	156,290	130,160	54.6	1.6	8.6
1 Hawaii Kai	10,175	7,669	1,997	79.3	1.0	3.7
2 Kuliouou-Kalani Iki	6,488	5,175	1,029	83.4	0.9	2.6
3 Waialae-Kahala	3,095	2,032	696	74.5	1.4	5.9
4 Kaimuki	6,632	4,193	2,169	65.9	0.8	4.7
5 Diamond Head/Kapahulu/ St. Louis Heights	8,649	4,053	3,645	52.7	3.3	8.6
6 Palolo	4,583	2,489	1,884	56.9	0.9	5.9
7 Manoa	7,420	4,224	2,827	59.9	0.8	6.3
8 McCully/Moiliili	14,098	3,596	9,074	28.4	1.5	9.2
9 Waikiki	18,370	3,819	7,578	33.5	3.0	30.3
10 Makiki/Lower Punchbowl/Tantalus	16,368	5,856	9,142	39.0	2.0	7.9
11 Ala Moana/Kakaako	9,440	2,475	5,322	31.7	8.4	8.1
12 Nuuanu/Punchbowl	6,584	3,617	2,563	58.5	0.6	7.0
13 Downtown	7,342	1,554	5,264	22.8	4.6	5.8
14 Liliha/Kapalama	6,852	3,669	2,826	56.5	1.0	6.1
15 Kalihi-Palama	11,108	2,945	7,313	28.7	1.1	7.2
16 Kalihi Valley	4,169	2,363	1,578	60.0	0.8	6.0
17 Moanalua	3,462	1,615	1,604	50.2	0.6	3.0
18 Aliamanu/Salt Lake/ Foster Village	12,927	5,687	6,045	48.5	1.3	10.1
19 Airport	5,627	87	4,914	1.7	7.4	0.6
20 Aiea	11,044	6,188	4,392	58.5	0.9	5.5
21 Pearl City	14,812	10,177	4,192	70.8	0.7	3.9
22 Waipahu	17,897	10,847	6,090	64.0	2.0	7.2
23 Ewa	15,845	9,948	4,376	69.4	2.6	5.6
24 Waianae Coast	12,378	6,101	4,453	57.8	2.9	16.7
25 Mililani/Waipio/Melemanu	11,445	8,061	2,977	73.0	1.0	5.7
26 Wahiawa	12,115	3,350	7,253	31.6	2.6	5.4
27 North Shore	6,648	2,595	3,298	44.0	1.1	5.7
28 Koolauloa	4,473	1,801	1,881	48.9	2.0	9.9
29 Kahaluu	4,682	3,154	1,322	70.5	0.7	4.8
30 Kaneohe	11,821	8,051	3,297	70.9	0.9	4.7
31 Kailua	15,280	10,308	4,320	70.5	0.7	4.7
32 Waimanalo	2,792	1,856	801	69.9	0.9	3.0
33 Mokapu	2,388	29	2,303	1.2	-	2.1

Continued on next page.

**Table 21.19-- HOUSING CHARACTERISTICS OF
OAHU NEIGHBORHOODS: 2000 -- Cont.**

Neighborhood Area 1/ (see maps)	Total housing units	Occupied		Home- ownership rate	Vacancy rate	
		Owner	Renter		Home- owner	Rental
34 Makakilo/Kapolei/ Honokai Hale	4,937	3,301	1,288	71.9	2.9	6.9
35 Mililani Mauka-Launani Valley	4,042	3,405	447	88.4	2.2	9.7

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 area boundaries for 2000 may not be the same as boundaries for 1990.

Source: City and County of Honolulu Planning and Permitting Department, Planning Division, Community Profiles for Neighborhood Areas <<http://honolulu.dpp.org/planning/demographics/cp-toc.pdf>> accessed June 13, 2002.

**Table 21.20-- VACANCY AND HOMEOWNERSHIP RATES, FOR THE STATE
AND HONOLULU MSA: 1991 TO 2001**

Year	Rental vacancy rate		Homeowner vacancy rate		Homeownership rate	
	State total	Honolulu MSA 1/	State total	Honolulu MSA 1/	State total	Honolulu MSA 1/
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
2000	5.3	4.9	0.9	0.7	55.2	56.8
2001	8.2	8.0	0.8	0.6	55.5	55.4
Standard error	1.0	1.2	0.2	0.2	1.1	1.3
U.S. 2001	8.4	3/ 8.0	1.8	3/ 1.7	67.8	3/ 67.8

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. Census Bureau, "Housing Vacancies and Homeownership Annual Statistics: 2001"

<<http://www.census.gov/hhes/www/housing/hvs/annual01/ann01ind.html>> accessed June 19, 2002.

**Table 21.21-- BUILDING VACANCY RATES FOR COMPETITIVE OFFICE SPACE
FOR THE METROPOLITAN HONOLULU OFFICE MARKET,
BY SUBMARKET: 1993 TO 2001**

[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/	1993	1994	1995	1996	1997	1998	1999	2000	2001
Downtown 2/	13.9	15.4	16.4	16.1	15.2	14.2	14.1	12.2	13.5
Suburban 3/	7.8	11.1	12.1	12.9	12.5	14.5	13.7	13.8	13.9

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 & Landauer 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:
1999 TO 2001**

[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	1999	2000	2001
Total units owned by HCDCH, June 30	6,577	6,577	1/ 6,577
Occupied	5,985	5,726	5,193
Population in units, June 30	16,445	15,724	13,784
Per occupied unit	2.70	2.74	2.65
Operating revenues of HCDCH, fiscal year: 2/			
Gross (\$1,000)	23,145	22,758	23,123
Net (\$1,000)	4,197	85	2,249
Operating revenues per unit per month, fiscal year (dollars) 2/	357	351	399
Rent charged per unit per month, fiscal year (dollars) 2/	184	197	227

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 11, 2002**

[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	9,737	4,796	Oahu	6,059	2,805
			Hawaii	1,278	520
Broker:			Maui	1,610	594
Individual	3,461	577	Kauai	723	333
Corporation or partnership	937	60	Molokai	28	3
Limited Liability Corporation/ Limited Liability Partnership	113	6	Lanai	9	4
			U.S. mainland	29	506
Salesman	5,226	4,153	Foreign	1	31

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: 1991 TO 2001

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

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

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

Table 21.25-- MULTIPLE LISTING SERVICE LISTINGS AND SALES, BY TYPE OF PROPERTY, FOR OAHU: 1999 TO 2001

Year and type of property	Number listed	Number sold	Percent sold	Sales price (dollars)	
				Mean	Median
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
2000					
Total	11,797	7,404	62.8	278,814	...
Single family	5,161	3,181	61.6	406,331	295,000
Condominium/cooperative	5,746	3,926	68.3	165,674	125,000
Vacant land	450	186	41.3	337,286	250,000
Multi-family	208	61	29.3	541,128	440,000
Commercial/industrial	133	30	22.6	728,383	454,000
Business opportunities	99	20	20.2	188,250	60,000
2001					
Total	12,339	7,953	64.5	265,047	...
Single family	5,183	3,406	65.7	375,857	299,900
Condominium/cooperative	6,179	4,261	69.0	168,013	133,000
Vacant land	503	181	36.0	315,921	214,000
Multi-family	208	68	32.7	552,794	445,000
Commercial/industrial	149	24	16.1	669,533	515,000
Business opportunities	117	13	11.1	77,308	65,000

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: 1999 TO 2001**

Selling price range	1999	2000	2001
All properties	2,853	3,181	3,406
On leased land	62	71	65
Percent	2.2	2.2	1.9
Less than \$100,000	54	79	89
\$100,000 to \$149,999	138	155	166
\$150,000 to \$199,999	347	410	395
\$200,000 to \$249,999	478	516	557
\$250,000 to \$299,999	476	458	499
\$300,000 to \$349,999	351	377	414
\$350,000 to \$399,999	276	305	367
\$400,000 to \$449,999	163	200	220
\$450,000 to \$499,999	145	142	155
\$500,000 to \$549,999	83	83	100
\$550,000 to \$599,999	48	62	72
\$600,000 to \$649,999	51	62	44
\$650,000 to \$699,999	47	41	69
\$700,000 to \$799,999	64	72	73
\$800,000 to \$899,999	37	46	58
\$900,000 to \$999,999	16	36	21
\$1.0 to \$1.9 million	49	90	79
\$2.0 to \$2.9 million	17	24	13
\$3.0 to \$3.9 million	5	11	9
\$4.0 to \$4.9 million	4	2	5
\$5.0 million or more	4	10	1
Median value (dollars)	290,000	295,000	299,900
Mean value (dollars)	377,497	406,331	375,857

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:
1999 TO 2001**

Selling price range	1999	2000	2001		
			Total	Fee simple	Leasehold
All properties	3,298	3,926	4,261	3,063	1,198
Less than \$50,000	294	461	362	175	187
\$50,000 to \$74,999	354	432	459	259	200
\$75,000 to \$99,999	513	607	631	471	160
\$100,000 to \$124,999	449	443	487	345	142
\$125,000 to \$149,999	394	402	464	328	136
\$150,000 to \$174,999	292	298	336	249	87
\$175,000 to \$199,999	245	256	339	270	69
\$200,000 to \$224,999	196	206	271	209	62
\$225,000 to \$249,999	118	184	222	184	38
\$250,000 to \$274,999	79	97	149	122	27
\$275,000 to \$299,999	82	101	100	85	15
\$300,000 to \$349,999	90	123	140	126	14
\$350,000 to \$399,999	53	97	81	62	19
\$400,000 to \$449,999	37	51	69	51	18
\$450,000 to \$499,999	22	34	29	26	3
\$500,000 to \$599,999	29	47	38	28	10
\$600,000 to \$699,999	21	28	27	25	2
\$700,000 to \$799,999	7	10	15	12	3
\$800,000 to \$899,999	13	16	16	16	-
\$900,000 to \$999,999	3	14	16	14	2
\$1,000,000 or more	7	19	10	6	4
Median value (dollars)	125,000	125,000	133,000	145,000	109,900
Mean value (dollars)	157,418	165,674	168,013	179,928	137,397

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

Table 21.28-- MULTIPLE LISTING SERVICE, NUMBER OF SINGLE FAMILY AND CONDOMINIUM RESALES, BY ISLAND: 1990 TO 2000

Category and year	State total	Oahu	Hawaii	Kauai	Maui
SINGLE FAMILY					
1990	1/ 4,877	1/ 2,744	1,231	266	636
1991	1/ 3,320	1/ 1,912	795	152	461
1992	1/ 3,477	1/ 1,985	820	264	408
1993	1/ 3,262	1/ 1,941	761	190	370
1994	1/ 3,668	1/ 2,175	906	199	388
1995	1/ 2,961	1/ 1,642	823	142	354
1996	1/ 3,157	1/ 1,749	805	162	441
1997	1/ 3,724	1/ 2,025	950	199	550
1998	1/ 4,649	1/ 2,495	1,152	321	681
1999	1/ 5,386	1/ 2,853	1,190	357	986
2000	5,870	3,181	1,325	427	937
CONDOMINIUM					
1990	1/ 8,649	1/ 6,149	674	277	1,549
1991	1/ 4,765	1/ 3,607	315	158	685
1992	1/ 4,204	1/ 3,341	264	94	505
1993	1/ 4,082	1/ 3,262	292	75	453
1994	1/ 4,389	1/ 3,370	314	138	567
1995	1/ 3,185	1/ 2,260	282	96	547
1996	1/ 3,034	1/ 1,990	358	123	563
1997	1/ 3,520	1/ 2,100	443	144	833
1998	1/ 4,434	1/ 2,632	494	267	1,041
1999	1/ 5,513	1/ 3,298	475	327	1,413
2000	6,351	3,926	575	345	1,505

1/ Revised.

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 RESALES, BY ISLAND:
1990 TO 2000**

[In dollars]

Category and year	State total 1/	Oahu	Hawaii	Kauai	Maui
SINGLE FAMILY					
1990	2/ 287,617	2/ 352,000	150,000	260,000	280,000
1991	2/ 286,026	2/ 340,000	165,000	247,500	275,000
1992	281,220	349,000	154,250	185,000	290,000
1993	2/ 292,359	2/ 358,500	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	2/ 274,918	2/ 335,000	165,000	219,000	265,000
1997	2/ 253,675	2/ 307,000	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
2000	265,000	295,000	175,000	253,800	275,000
CONDOMINIUM					
1990	2/ 180,621	2/ 187,000	127,000	149,000	173,500
1991	182,913	192,000	137,000	162,500	164,000
1992	2/ 186,323	2/ 193,000	148,000	155,000	165,000
1993	2/ 186,148	2/ 193,000	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	2/ 166,344	2/ 175,000	125,175	140,000	175,000
1997	145,570	150,000	125,000	120,000	150,000
1998	2/ 139,000	2/ 135,000	122,500	129,000	161,300
1999	138,000	125,000	135,000	121,250	165,000
2000	139,000	125,000	135,000	150,000	193,000

1/ Weighted by the number of resales.

2/ Oahu figures have been revised. This revision, however, is not reflected in the state total.

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

**Table 21.30-- NUMBER OF DEEDS FILED AND RECORDED AND
APPROXIMATE VALUE OF LAND CONVEYED: 1997 TO 2001**

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

Subject	1997	1998	1999	2000	2001
Number of deeds filed and recorded	61,518	70,057	76,331	80,001	83,229
Approximate value of land conveyed (\$1,000)	6,298,003	7,440,642	8,311,047	9,689,367	10,167,267

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

**Table 21.31-- APPROXIMATE VALUE OF LAND TRANSFERS,
BY COUNTIES: 1999 TO 2001**

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

County	1999	2000	2001
State total	8,311,046,800	9,689,367,480	10,167,267,210
Honolulu	4,836,187,300	5,138,547,380	5,447,027,600
Maui	1,683,687,900	2,316,618,400	2,131,622,500
Hawaii	1,201,547,300	1,548,501,300	1,786,101,410
Kauai	589,624,300	685,700,400	802,515,700

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

**Table 21.32-- FORECLOSURE FILINGS, BY JUDICIAL CIRCUIT:
1996 TO 2001**

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

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 21.33-- ELEVATORS, ESCALATORS, AND SIMILAR FACILITIES:
DECEMBER 31, 2001**

Facility	State total	Oahu	Hawaii		Maui	Molo-kai	Lanai	Kauai
			Hilo	Kona				
Total	6,108	4,848	179	238	587	4	21	231
Elevators	5,047	3,977	130	217	505	1	20	197
Hydro (Under 9 stories)	1,598	1,059	69	112	220	1	9	128
Roped:								
Under 9 stories	1,606	1,167	50	105	219	-	11	54
9 to 18 stories	1,137	1,045	11	-	66	-	-	15
19 to 28 stories	404	404	-	-	-	-	-	-
29 to 38 stories	214	214	-	-	-	-	-	-
39 stories or more	88	88	-	-	-	-	-	-
Escalators & moving walks/ speed ramps	421	396	6	-	17	-	-	2
Inclined lifts	11	4	3	1	-	-	1	2
Private industrial elevators	28	2	2	3	13	-	-	8
Manlifts	8	8	-	-	-	-	-	-
Handicap/chairlifts	259	183	21	15	23	3	-	14
Dumbwaiters	334	278	17	2	29	-	-	8

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

Table 21.34-- TALLEST STRUCTURES, BY ISLANDS: MARCH 2002

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.