

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 and 14.

There were 24,000 building permits issued in 1987, with an estimated value of \$1.3 billion. The total included \$507 million for new private residential construction and \$254 million for private nonresidential structures. The value of government construction contracts awarded was \$372 million. Construction put in place, as indicated by the contracting tax base, totaled \$1.8 billion in 1986 and \$2.1 billion in 1987. The value of land transfers in fiscal 1988 was \$8.0 billion. The June 1988 construction cost index for Honolulu (1982=100) was 130 for single-family residences and 125 for high-rise buildings.

The number of housing units in the State increased from 316,000 in 1978 to 385,000 in 1988. Owner occupied units numbered 129,000 in 1978 and 160,000 in 1988; the latter total included 34,000 on leased land. Condominium units, first authorized in 1961, numbered 98,000 by 1987. Cooperative units, first built in 1956, totaled 2,800 in 1987. Government-owned housing, mostly military and public, accounted for 26,000 units as of 1988. Housing has been in short supply throughout most of the past decade: on Oahu, the vacancy rate in May 1986, according to the Federal Home Loan Bank of Seattle, was only 2.3 percent. The median selling price of single-family homes on Oahu during 1987, based on Multiple Listing Service data, was \$185,000; for condominium units it was \$104,000. The median gross monthly rent for Oahu rose from \$141 in 1970 to \$413 in 1983, and the median value of owner occupied single-family units increased from \$38,400 to \$163,400.

The principal sources for these data are the 1970 and 1980 U.S. Censuses of Housing, the 1976, 1979, and 1983 Annual Housing Surveys, postal vacancy surveys issued by the Federal Home Loan Bank of Seattle, various series compiled by State and County agencies (primarily the Hawaii Housing Authority, Hawaii State Department of Business and Economic Development, 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 reports published by the Bank of Hawaii (particularly Construction in Hawaii, issued annually) and the First Hawaiian Bank. Persons interested in figures for earlier periods should consult Historical Statistics of Hawaii, Section 15. Mainland statistics appear in Section 26 of Statistical Abstract of the United States: 1988.

Table 612.-- NUMBER AND VALUE OF BUILDING PERMITS,
BY COUNTIES: 1977 TO 1987

Year	State total	City and County of Honolulu	Hawaii County	Kauai County	Maui County
NUMBER ISSUED					
1977	23,406	15,793	3,536	1,173	2,904
1978	25,807	17,758	3,938	1,470	2,641
1979	26,515	18,297	4,062	1,540	2,616
1980	22,771	15,729	3,732	1,210	2,040
1981	21,395	15,141	3,427	1,276	1,551
1982	16,974	11,743	2,581	1,214	1,436
1983	19,733	13,018	2,649	2,165	1,901
1984	20,582	14,404	2,834	1,437	1,907
1985	23,332	16,011	2,933	1,544	2,844
1986	21,461	14,237	2,717	1,486	3,021
1987	23,929	16,197	3,175	1,595	2,962
ESTIMATED VALUE (\$1,000)					
1977	534,278	356,591	62,088	32,060	83,539
1978	756,757	421,692	81,965	59,858	193,242
1979	984,559	566,991	144,768	118,453	154,347
1980	1,278,911	745,565	146,395	133,261	253,690
1981	898,428	550,254	136,617	67,844	143,713
1982	714,938	493,139	75,715	55,380	90,704
1983	767,305	410,763	95,979	142,859	117,704
1984	710,661	473,943	102,805	74,076	59,837
1985	990,879	619,689	132,735	59,522	178,933
1986	1,161,489	674,057	231,997	101,315	154,120
1987	1,268,927	836,328	146,035	109,574	176,990

Source: City and County of Honolulu Department of Buildings, Summary of Building Permits (annual); Hawaii, Kauai, and Maui County departments of public works, records.

Table 613.-- VALUE OF BUILDING PERMITS, BY TYPE, BY COUNTIES: 1987

[Thousands of dollars. Limited to private construction, including additions, alteration, and repairs]

Category	State total	City and County of Honolulu	Hawaii County	Kauai County	Maui County
Total	1,161,897	749,471	145,158	103,481	163,787
Residential	506,957	258,151	96,845	57,982	93,979
Hotel	90,136	64,337	-	10,201	15,598
Non-residential	254,300	189,835	25,543	13,897	25,024
Additions and alterations	310,504	237,148	22,770	21,400	29,186

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

Table 614.-- GENERAL EXCISE TAX BASE FOR CONTRACTING: 1977 TO 1987

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

Year <u>1/</u>	Amount	Year <u>1/</u>	Amount	Year <u>1/</u>	Amount
1977 <u>2/</u>	983,618	1981 ..	1,613,764	1985 ..	1,367,733
1978 <u>2/</u>	1,060,898	1982 ..	1,294,871	1986 ..	1,808,024
1979 ..	1,325,460	1983 ..	1,353,405	1987 ..	2,142,964
1980 ..	1,569,658	1984 ..	1,242,929		

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.

2/ Partly estimated.

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

Table 615.-- GOVERNMENT CONSTRUCTION CONTRACTS AWARDED, BY AWARDING AGENCY AND LOCATION OF CONSTRUCTION: 1983 TO 1987

[In thousands of dollars. By date of publication]

Awarding agency and location	1983	1984	1985	1986	1987
Total	277,877	411,753	248,499	425,146	372,164
Awarding agency:					
Federal agencies	84,723	129,969	74,841	101,943	107,874
State agencies	126,766	196,674	93,785	205,443	174,207
City and County of Honolulu	49,531	64,715	47,784	90,413	79,090
Other counties	16,856	20,394	32,090	27,346	10,994
Location of construction:					
City and County of Honolulu	218,995	315,510	177,650	313,444	293,358
County of Hawaii	20,364	22,981	17,872	61,041	32,261
County of Kauai	7,994	43,147	15,264	33,765	21,080
County of Maui	30,524	30,114	37,713	16,895	25,466

Source: Compiled by Hawaii State Department of Business and Economic Development from Trade Publishing Company, BID Service Weekly.

Table 616.-- SUMMARY STATISTICS FOR CONSTRUCTION INDUSTRIES AND SUBDIVIDERS AND DEVELOPERS: 1967 TO 1982

[Excludes establishments without payroll]

Subject	1967	1972	1977	1982
Number of establishments in business during year	1,220	1,570	1,732	1,861
Proprietors and working partners	718	590	530	396
All employees	17,171	25,012	20,792	18,665
Construction workers, average.....	14,430	20,163	15,784	13,953
Other employees, March	2,666	4,949	5,032	4,711
Payroll (\$1,000,000)	133.6	282.6	323.4	409.7
All business receipts (\$1,000,000) ...	543.3	1,085.5	1,435.2	1,853.3
Value added (\$1,000,000)	230.3	477.5	636.2	855.2

Source: U.S. Bureau of the Census, 1982 Census of Construction Industries, Pacific States, CC82-A-9 (April 1985), Hawaii table 4.

Table 617.-- SUMMARY STATISTICS FOR CONSTRUCTION INDUSTRIES AND
SUBDIVIDERS AND DEVELOPERS, BY INDUSTRY: 1977 AND 1982

[Includes establishments both with and without payroll]

SIC code	Industry	Number	Proprietors and working partners	All employees	All business receipts (\$1,000)
1977					
	Construction industries and subdividers and developers	3,170	2,020	20,792	1,508,865
15-17	Construction industries <u>1/</u>	3,029	1,848	20,187	(D)
15	General building contractors and operative builders	843	459	7,944	779,765
16	Heavy construction, general contractors	114	50	2,319	(D)
17	Special trade contractors	2,072	1,340	9,924	469,029
6552	Subdividers and developers, n.e.c. <u>2/</u>	145	172	607	(D)
1982					
	Construction industries and subdividers and developers	4,259	2,799	18,665	2,032,087
15-17	Construction industries <u>1/</u>	4,092	2,645	18,340	1,894,673
15	General building contractors and operative builders	1,020	564	6,290	944,585
16	Heavy construction, general contractors	133	67	1,768	179,221
17	Special trade contractors	2,939	2,014	10,282	770,867
6552	Subdividers and developers, n.e.c. <u>2/</u>	162	154	323	137,412

D Withheld to avoid disclosing data for individual companies.

1/ For establishments without payroll, may also include data for construction establishments not classified to two-digit industry detail.

2/ For establishments without payroll, may also include data for an unknown number of cemetery subdividers and developers.

Source: U.S. Bureau of the Census, 1982 Census of Construction Industries, Pacific States, CC82-A-9 (April 1985), Hawaii table 1.

Table 618.-- PRIVATE RESIDENTIAL CONSTRUCTION AND DEMOLITION AUTHORIZED BY PERMITS, BY COUNTIES: 1983 TO 1987

Category and year authorized	State total	City and County of Honolulu	Other counties			
			Total	Hawaii	Kauai	Maui
New 1-family dwellings:						
1983	3,387	1,562	1,825	880	398	547
1984	4,117	2,197	1,920	900	382	638
1985	4,663	2,313	2,350	979	387	984
1986	4,985	2,024	2,961	1,127	417	1,417
1987	5,813	2,684	3,129	1,391	543	1,195
New duplex units:						
1983	138	60	78	58	6	14
1984	146	112	34	28	4	2
1985	208	112	96	64	-	32
1986	166	112	54	18	2	34
1987	182	124	58	50	6	2
New apartments:						
1983	1,341	1,220	121	38	73	10
1984	1,134	942	192	153	35	4
1985	2,388	1,744	644	129	84	431
1986 <u>1/</u>	2,570	2,076	494	22	-	472
1987	1,671	785	886	314	-	572
Units demolished:						
1983 <u>2/</u>	505	385	120	54	4	62
1984	528	429	99	50	5	44
1985 <u>3/</u>	555	455	100	38	12	50
1986 <u>4/</u>	690	534	156	43	60	53
1987 <u>5/</u>	825	741	84	40	2	42

1/ Revised.

2/ Excludes 16 structures destroyed by volcanic activity in Hawaii County.

3/ Excludes 11 homes in Hilo destroyed by high winds, February 16, 1986.

4/ Excludes 14 structures destroyed by volcanic activity and 1 by high winds, all in Hawaii County.

5/ Excludes 18 units destroyed by volcanic activity in Hawaii County.

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

Table 619.-- ESTIMATED VALUE PER HOUSING UNIT, BY TYPE OF STRUCTURE, FOR BUILDING PERMITS ISSUED BY THE CITY AND COUNTY OF HONOLULU: 1982 TO 1987

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

Type of structure	1982	1983	1984	1985	1986	1987
One-family	59,719	68,819	70,230	67,783	80,119	80,719
Two-family	85,511	62,808	53,230	58,337	59,184	64,490
Multi-family	44,727	50,552	37,892	46,089	47,789	42,507

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

Table 620.-- HONOLULU CONSTRUCTION COST INDEXES: 1982 TO 1988

[1982=100. Data are annual averages unless otherwise specified]

Year	Single-family residence			High-rise building		
	All components	Materials prices	Labor <u>1/</u>	All components	Materials prices	Labor <u>1/</u>
1982	100.0	100.0	100.0	100.0	100.0	100.0
1983	109.5	111.3	107.3	106.9	107.4	106.9
1984	114.3	113.1	115.8	110.9	108.0	114.5
1985	117.4	115.2	120.1	113.5	108.7	118.4
1986	121.5	119.1	124.4	116.8	110.8	122.6
1987	125.7	123.7	128.2	120.7	114.9	125.8
1988 <u>2/</u>	129.6	127.4	132.4	124.6	117.6	130.6

1/ Wages and benefits.

2/ June.

Source: First Hawaiian Bank, Research Department, records.

Table 621.-- NUMBER OF CONDOMINIUM UNITS BUILT AND STANDING:
1961 TO 1982

Year	Built during year	Standing, end of year	Year	Built during year	Standing, end of year
1961	-	-	1972	2,835	22,473
1962	182	182	1973	6,741	29,214
1963	41	223	1974	9,275	38,489
1964	1,557	1,780	1975	10,798	49,287
1965	1,091	2,871	1976	7,357	56,644
1966	2,061	4,871	1977	3,321	59,965
1967	1,545	6,477	1978	3,210	63,175
1968	2,181	8,658	1979	6,816	69,991
1969	1,754	10,412	1980	10,441	80,432
1970	4,908	15,320	1981	9,704	90,136
1971	4,318	19,638	1982	7,795	97,931

Source: Bank of Hawaii, Construction in Hawaii, 1983 (1983), p. 7.

Table 622.-- HOUSING UNITS CONVERTED FROM RENTAL UNITS TO
CONDOMINIUM UNITS: 1963 TO 1987

Subject	1963-1981	1982	1983	1984	1985	1986	1987
Projects	234	12	12	32	18	36	35
Housing units	10,547	227	596	607	117	151	398

Source: 1963-1980 compiled by Real Estate Research Center, College of Business Administration, University of Hawaii, from the records of the Hawaii Real Estate Commission; 1981 and later years from Hawaii State Department of Commerce and Consumer Affairs, Professional and Vocational Licensing Division, Real Estate Commission, records.

Table 623.-- CONDOMINIUM PROJECTS REGISTERED WITH THE STATE OF HAWAII:
1983 TO 1987

Subject	1983	1984	1985	1986	1987
Projects	56	76	69	87	94
Residential units	3,024	2,662	1,477	1,346	2,289
Business or commercial units	410	149	269	405	<u>1/</u> 153

1/ Includes 110 units in an agricultural condominium project which can be used for residential or business/commercial purposes.

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

Table 624.-- TIME SHARE PROPERTIES AND UNITS,
BY GEOGRAPHIC AREAS: SEPTEMBER 26, 1988

[Time sharing refers to the use, occupancy, or possession of accommodations among various persons for less than 60 days in any year, for any occupant]

Geographic area	Properties	Units
State total	93	3,229
Oahu	25	1,570
Waikiki	21	1,353
Rest of Oahu	4	217
Hawaii	5	126
Kauai	23	899
Maui	40	634

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

Table 625.-- CONDOMINIUM AND COOPERATIVE HOUSING UNITS, BY
COUNTIES: 1987

Type of housing unit	State total	Honolulu	Maui	Hawaii	Kauai
Condominium units ^{1/}	98,111	74,325	14,100	5,629	4,057
Cooperative units	2,832	2,738	94	-	-

^{1/} Includes some nonresidential condominium units.
Source follows next table.

Table 626.-- CONDOMINIUM HOUSING UNITS, TOTAL AND OWNER OCCUPIED,
BY LAND OWNERSHIP, BY COUNTIES: 1987

[Includes some nonresidential condominium units]

Ownership of land and condominium unit	State total	Honolulu	Maui	Hawaii	Kauai
All condo units	98,111	74,325	14,100	5,629	4,057
On fee simple land	34,856	22,988	6,462	3,314	2,092
On leased land	59,395	49,825	6,120	1,803	1,647
Other categories ^{1/}	3,860	1,512	1,518	512	318
Owner occupied condo units	26,424	25,203	753	369	99
On fee simple land	9,690	8,912	475	251	52
On leased land	16,734	16,291	278	118	47

^{1/} Such as fee and leasehold condominium units sold on agreement of sale.
Source: Legislative Reference Bureau, Ownership Patterns of Land Beneath Hawaii's Condominium and Cooperative Housing Projects (Report No. 6, 1987), pp. 8, 10-12, and 27.

Table 627.-- TENURE AND CONTROL OF HOUSING UNITS: 1970 TO 1988

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

Year	All housing units <u>1/</u>	Owner occupied units <u>2/</u>		Renter occupied and vacant units		
		Land owned	Land leased	Private <u>3/</u>	Federal <u>4/</u>	State and County <u>4/</u>
1970 ..	216,774	68,422	20,802	106,821	14,439	6,290
1971 ..	228,749	72,086	21,732	113,531	15,089	6,311
1972 ..	238,770	75,939	24,565	117,111	14,959	6,196
1973 ..	250,742	78,878	26,776	123,934	15,071	6,083
1974 ..	266,828	82,494	30,333	131,368	16,373	6,260
1975 ..	284,120	85,264	30,543	145,276	16,386	6,651
1976 ..	298,339	88,284	33,730	152,578	17,225	6,522
1977 ..	306,989	89,980	34,549	158,223	17,493	6,744
1978 ..	315,513	92,989	35,869	161,728	18,653	6,274
1979 ..	324,261	96,273	36,540	165,045	19,022	7,381
1980 ..	334,235	100,478	36,986	170,963	19,437	6,371
1981 ..	342,873	104,677	37,413	174,753	19,427	6,603
1982 ..	348,980	106,147	37,372	179,579	19,392	6,490
1983 ..	353,414	108,761	35,586	183,249	19,304	6,514
1984 ..	359,107	111,767	35,545	185,657	19,294	6,844
1985 ..	364,436	114,548	35,681	187,905	19,280	7,022
1986 ..	370,548	117,090	35,811	191,475	19,264	6,908
1987 <u>5/</u>	377,898	121,019	35,959	194,582	19,265	7,073
1988 ..	385,290	126,563	33,579	198,707	19,394	7,047

1/ As of April 1.

2/ As indicated by the number of taxpayers claiming home exemptions. 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. Data for 1977 and later years refer to January 1; data for 1970-1976, to July 1.

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.

4/ As of April 1. Data include housing units leased from private owners.

5/ Revised.

Source: Hawaii State Department of Business and Economic Development, Housing Unit Estimates for Hawaii, 1970-1988 (Statistical Report 210, November 1988), table 1.

Table 628.-- HOUSING UNITS STANDING, BY COUNTIES: ANNUALLY,
1970 TO 1988

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

Year	State total	City and County of Honolulu	Other counties			
			Total	Hawaii	Kauai	Maui
1970 ..	216,774	174,742	42,032	18,972	9,021	14,039
1971 ..	228,749	184,101	44,648	20,061	9,298	15,289
1972 ..	238,770	190,973	47,797	21,648	9,555	16,594
1973 ..	250,742	198,970	51,772	23,578	10,092	18,102
1974 ..	266,828	210,940	55,888	25,282	10,700	19,906
1975 ..	284,120	223,647	60,473	26,694	11,347	22,432
1976 ..	298,339	232,669	65,670	28,131	11,934	25,605
1977 ..	306,989	237,571	69,418	29,453	12,433	27,532
1978 ..	315,513	243,103	72,410	30,579	12,841	28,990
1979 ..	324,261	247,465	76,796	32,283	13,610	30,903
1980 ..	334,235	252,038	82,197	34,215	14,828	33,154
1981 ..	342,873	254,969	87,904	36,180	16,314	35,410
1982 ..	348,980	256,967	92,013	37,738	17,081	37,194
1983 ..	353,414	259,574	93,840	38,702	16,937	38,201
1984 ..	359,107	262,902	96,205	39,762	17,539	38,904
1985 ..	364,436	266,127	98,309	40,820	17,979	39,510
1986 ..	370,548	269,390	101,158	41,944	18,446	40,768
1987 <u>1/</u>	377,898	273,054	104,844	43,135	18,929	42,780
1988 ..	385,290	276,509	108,781	44,700	19,476	44,605

1/ Revised.

Source: Hawaii State Department of Business and Economic
Development, Housing Unit Estimates for Hawaii, 1970-1988 (Statistical
Report 210, November 1988), table 2.

Table 629.-- TENURE AND CONTROL OF HOUSING, BY COUNTIES: 1986 TO 1988

[As of April 1. Condominium units occupied or intended for occupancy by nonresidents are included in these estimates]

County	All housing units	Owner occupied units ^{1/}		Renter occupied and vacant units		
		Land owned	Land leased	Private	Federal	State and County
1986						
State total ..	370,548	117,090	35,811	191,475	19,264	6,908
City & Co. of Hon.	269,390	79,929	33,644	131,529	19,134	5,154
County of Hawaii ..	41,944	18,210	1,200	21,528	50	956
County of Kauai ...	18,446	6,809	248	10,995	65	329
County of Maui	40,768	12,142	719	27,423	15	469
1987 (revised)						
State total ..	377,898	121,019	35,959	194,582	19,265	7,073
City & Co. of Hon.	273,054	82,728	33,656	132,213	19,135	5,322
County of Hawaii ..	43,135	18,704	1,241	22,174	50	966
County of Kauai ...	18,929	7,002	273	11,260	65	329
County of Maui	42,780	12,585	789	28,935	15	456
1988						
State total ..	385,290	126,563	33,579	198,707	19,394	7,047
City & Co. of Hon.	276,509	87,096	31,180	133,664	19,264	5,305
County of Hawaii ..	44,700	19,187	1,244	23,255	50	964
County of Kauai ...	19,476	7,237	305	11,541	66	327
County of Maui	44,605	13,043	850	30,247	14	451

^{1/} As indicated by the number of taxpayers claiming home exemptions, as of January 1.

Source: Hawaii State Department of Business and Economic Development, Housing Unit Estimates for Hawaii, 1970-1988 (Statistical Report 210, November 1988), table 4.

Table 630.-- RESIDENT AND NONRESIDENT HOUSING UNITS, BY COUNTIES:
1977 TO 1988

Category and year	State total	City and County of Honolulu	Other counties			
			Total	Hawaii	Kauai	Maui
<u>RESIDENT 1/</u>						
1977	301,904	237,059	64,845	29,123	11,843	23,879
1978	308,444	241,573	66,871	30,008	12,062	24,801
1979	315,728	245,101	70,627	31,548	12,623	26,456
1980	322,598	247,152	75,446	33,594	13,395	28,457
1981	328,679	249,330	79,349	34,921	14,458	29,970
1982	334,580	251,280	83,300	36,254	15,402	31,644
1983	340,001	254,827	85,174	36,933	15,931	32,310
1984	341,505	256,015	85,490	37,860	15,941	31,689
1985	342,632	257,111	85,521	38,541	15,903	31,077
1986	347,549	259,552	87,997	39,892	15,872	32,233
1987 <u>2/</u>	356,002	263,818	92,184	41,033	16,298	34,853
1988	364,170	268,874	95,296	42,346	16,621	36,329
<u>NONRESIDENT 3/</u>						
1977	5,085	512	4,573	330	590	3,653
1978	7,069	1,530	5,539	571	779	4,189
1979	8,533	2,364	6,169	735	987	4,447
1980	11,637	4,886	6,751	621	1,433	4,697
1981	14,194	5,639	8,555	1,259	1,856	5,440
1982	14,400	5,687	8,713	1,484	1,679	5,550
1983	13,413	4,747	8,666	1,769	1,006	5,891
1984	17,602	6,887	10,715	1,902	1,598	7,215
1985	21,804	9,016	12,788	2,279	2,076	8,433
1986	22,999	9,838	13,161	2,052	2,574	8,535
1987	21,896	9,236	12,660	2,102	2,631	7,927
1988	21,120	7,635	13,485	2,354	2,855	8,276

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

2/ Revised.

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

Source: Hawaii State Department of Business and Economic Development, Housing Unit Estimates for Hawaii, 1970-1988 (Statistical Report 210, November 1988), table 3.

Table 631.-- CHARACTERISTICS OF THE HOUSING INVENTORY, FOR OAHU:
1970, 1976, 1979, AND 1983

[Oahu was dropped from this survey after 1983]

Subject	1983	1979	1976	1970
All housing units	262,900	248,100	219,600	174,200
TENURE AND VACANCY STATUS				
All year-round housing units	262,800	247,900	219,300	174,100
Occupied	245,800	231,000	200,400	164,800
Owner occupied	120,600	117,200	96,100	74,200
Percent	49.0	50.7	47.9	45.0
Cooperatives and condominiums	21,500	20,700	13,900	(NA)
Renter occupied	125,200	113,800	104,300	90,600
Vacant year-round <u>1/</u>	17,000	16,900	18,900	9,300
For sale only	1,200	900	5,100	1,100
Homeowner vacancy rate	0.9	0.8	5.0	1.5
For rent	6,200	7,300	6,600	4,500
Rental vacancy rate	4.7	6.0	6.0	4.7
Other vacant <u>1/</u>	9,500	8,800	7,200	3,700
STRUCTURAL CHARACTERISTICS				
Units in structure: percent 1, detached ..	47.5	50.9	52.5	56.7
Year built: percent 1939 or earlier	9.8	11.1	12.6	15.7
Plumbing facilities: percent lacking some or all	0.8	1.5	1.6	3.0
Bathrooms: percent 2 or more	34.7	34.4	32.3	26.4
Kitchen facilities: percent incomplete or shared	2.1	2.1	2.7	2.9
Rooms: median	4.7	4.7	4.7	4.6
Bedrooms: percent 3 or more	50.4	51.8	53.5	50.9
Heating equipment: percent none	98.0	97.4	97.1	95.5
Air conditioning: percent none	82.0	81.3	81.8	86.7
Basement: percent none	89.3	91.4	92.1	(NA)
Public sewer: percent not linked	8.6	8.4	11.2	14.4
OCCUPANCY CHARACTERISTICS				
Persons per occupied unit	3.08	3.18	3.30	3.60
Percent 1.01 or more persons per room:				
Owner occupied	5.6	6.4	7.5	15.5
Renter occupied	10.9	11.2	12.1	22.0
Percent moved into unit past 12 months:				
Owner occupied	5.1	9.2	8.6	(NA)
Renter occupied	30.4	34.5	39.8	(NA)

Continued on next page.

Table 631.-- CHARACTERISTICS OF THE HOUSING INVENTORY, FOR OAHU:
1970, 1976, 1979 AND 1983 -- Con.

Subject	1983	1979	1976	1970
FINANCIAL CHARACTERISTICS				
Median income of families and primary individuals:				
Owner occupied	\$38,000	\$28,900	\$23,600	\$14,900
Renter occupied	\$16,000	\$12,800	\$11,000	\$8,000
Owner occupied 1-unit structures:				
Median value	\$163,400	\$125,600	\$79,600	\$38,400
Median value-income ratio	4.1	4.2	3.1	2.6
Median selected monthly housing costs --				
Units with a mortgage	\$617	\$474	\$381	(NA)
Units with no mortgage	\$157	\$102	\$81	(NA)
Renter occupied:				
Median gross rent	\$413	\$278	\$234	\$141
Nonsubsidized units	\$425	\$288	\$241	(NA)
Gross rent as percent of income	31	26	26	22
Nonsubsidized	31	26	27	(NA)
Median contract rent	\$372	\$254	\$216	\$132

NA Not available.

1/ Includes units rented or sold but not occupied, units held for occasional use, and units occupied entirely by persons with usual place of residence elsewhere.

Source: U.S. Bureau of the Census, Annual Housing Survey: 1983, Honolulu, Hawaii, SMSA (Current Housing Reports, H-170-83-48, June 1985), Part A, tables A-1 and A-2; Annual Housing Survey: 1979, Honolulu, Hawaii, SMSA (Current Housing Reports, H-170-79-48, August 1983), Part A, tables A-1 and A-2.

Table 632.-- GENERAL HOUSING CHARACTERISTICS, BY COUNTIES: 1980

Subject	State total <u>1/</u>	Honolulu	Hawaii	Kauai	Maui
Persons in occupied units	925,092	725,865	90,436	38,679	70,008
Per occupied unit	3.15	3.15	3.09	3.22	3.11
Total housing units	334,235	252,038	34,215	14,828	33,033
Year-round housing units:					
Number	332,213	250,866	33,954	14,544	32,728
Median rooms	4.4	4.3	4.7	4.6	3.9
One unit at address (percent) ..	59.5	56.6	76.1	81.1	54.9
Lacking complete plumbing for exclusive use (percent)	2.3	1.5	7.0	4.8	2.9
Occupied housing units:					
Number	294,052	230,214	29,237	12,020	22,510
With 1.01 or more persons per room (percent)	15.3	15.5	13.0	15.2	16.4
Owner-occupied units:					
Number	151,954	114,831	17,731	6,429	12,963
Percent of occupied units	51.7	49.9	60.6	53.5	57.6
Median value <u>2/</u> (\$1,000)	118.1	129.5	71.2	89.7	112.1
Renter-occupied units:					
Number	142,098	115,383	11,506	5,591	9,547
Median contract rent <u>3/</u> (dollars)	271	276	220	176	306
Vacant units, total <u>4/</u>					
For sale only	38,161	20,652	4,717	2,524	10,218
Homeowner vacancy rate	2,153	1,321	455	98	278
For rent	1.4	1.1	2.5	1.5	2.1
Rental vacancy rate	16,289	9,002	1,883	1,490	3,913
Rented or sold, awaiting occupancy	10.3	7.2	14.1	21.0	29.1
Held for occasional use	4,518	2,415	835	321	946
Other vacant	4,409	2,311	853	318	906
Condominium units, total	10,792	5,603	691	297	4,175
Owner-occupied	71,708	56,390	3,072	1,853	10,393
Renter-occupied	24,730	23,474	298	86	872
Vacant <u>4/</u>	22,053	19,812	726	154	1,361
	24,925	13,104	2,048	1,613	8,160

Footnotes and source on next page.

Table 632.-- GENERAL HOUSING CHARACTERISTICS, BY COUNTIES: 1980 -- Con.

1/ Includes Kalawao County (121 housing units), not shown separately.
 2/ Estimated market value of property (house and lot), for one-family houses on less than 10 acres. The median value of owner-occupied condominium units was \$98,600.

3/ Excluding no cash rent.

4/ Units temporarily occupied, or intended for occupancy, entirely by persons who have a usual residence elsewhere are classified as vacant. Shared ownership or time-sharing condominiums are classified as "vacant, held for occasional use."

Source: U.S. Bureau of the Census, 1980 Census of Housing, General Housing Characteristics, Hawaii, HC80-1-A13 (July 1982), tables 1, 5, 7, 46 and 48.

Table 633.-- HAWAII HOUSING AUTHORITY OPERATIONS: 1985 TO 1987

Subject	1985	1986	1987
Total units owned by HHA, June 30	5,735	5,773	<u>1/</u> 5,930
Occupied	5,682	5,702	5,870
Population in units, June 30	18,237	18,147	17,648
Per occupied unit	3.2	3.2	3.0
Total assets, June 30 (\$1,000)	691,000	754,000	718,000
Operating revenues of HHA, fiscal year: <u>2/</u>			
Gross (\$1,000)	12,608	12,706	12,734
Net (\$1,000)	620	948	870
Operating revenues per unit per month, fiscal year (dollars) <u>2/</u>	205.04	206.68	183.41
Rent charged per unit per month, fiscal year (dollars) <u>2/</u>	134.65	182.50	162.81

1/ Federal low-rent, 5,189; State-subsidized, 510; and other, 231.

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

Source: Housing Finance and Development Corporation, records.

Table 634.-- HOUSING VACANCY SURVEYS OF OAHU: 1977 TO 1986

[Sponsored by the Federal Home Loan Bank of Seattle and conducted by U.S. mail carriers. Data for 1977-1981 have been adjusted to include newly completed but vacant units, omitted from base in earlier reports. No survey was published for 1984, 1985, and 1987, and none is scheduled for 1988]

Year and month	Total units	Vacant units				Units under construction
		Used and new		Used	New	
		Number	Percent			
1977: April ^{1/} ...	215,923	5,472	2.5	3,399	2,073	2,228
1978: March	226,103	5,178	2.3	3,312	1,866	4,820
1979: May	233,631	4,081	1.7	2,584	1,497	4,754
1980: March	238,028	5,104	2.1	3,039	2,065	3,980
1981: March	240,354	5,235	2.2	3,306	1,929	2,400
1982: March	244,077	4,130	1.7	2,665	1,465	1,087
1983: March	241,355	3,253	1.3	2,558	695	2,002
1986: May	250,500	5,750	2.3	4,593	1,157	877
TYPE OF UNIT: 1986						
Single-family units	141,938	1,489	1.0	1,166	323	438
Multi-family units	108,554	4,261	3.9	3,427	834	439
Mobile homes	8	-	0	0	...	...

^{1/} Dated March 1977 in the original report but April 1977 thereafter. For survey data for 1955-1976, see Historical Statistics of Hawaii, p. 397.

Source: Federal Home Loan Bank of Seattle, Honolulu Housing Vacancy Survey (annual), as adjusted to 1982-1986 definitions.

Table 635.-- VACANCY RATES FOR HOUSING ON OAHU AND THE NEIGHBOR ISLANDS: ANNUAL AVERAGES, 1970 TO 1987

[Based on housing units sampled for the Hawaii Health Surveillance Program survey. Units occupied by households temporarily absent were classified as occupied. The base excludes units occupied by transients]

Year	Units sampled			Percent vacant		
	State total	Oahu	Other islands	State average	Oahu	Other islands
1970 <u>1/</u> ..	6,107	3,217	2,890	3.2	3.5	3.0
1971	5,370	2,493	2,877	3.6	3.2	5.1
1972	7,177	5,423	1,754	3.9	3.5	5.4
1973	6,735	5,456	1,279	3.1	2.6	5.0
1974	6,301	4,982	1,319	4.1	3.9	4.7
1975	6,632	5,360	1,272	5.6	5.2	6.9
1976 <u>2/</u> ..	2,440	1,817	623	5.1	5.0	5.6
1977	6,899	4,526	2,373	5.9	6.1	5.1
1978	6,690	4,102	2,588	4.0	3.8	4.5
1979	5,936	3,519	2,417	3.2	2.8	4.4
1980	6,499	3,613	2,886	4.2	3.9	5.0
1981	6,174	3,195	2,979	4.8	4.4	5.8
1982	6,509	3,468	3,041	3.9	3.4	5.4
1983	6,139	3,147	2,992	3.8	3.1	5.8
1984 <u>3/</u> ..	7,238	3,827	3,411	4.5	3.1	6.5
1985	7,485	3,872	3,613	5.0	4.7	5.7
1986	7,143	3,653	3,490	4.5	4.5	4.5
1987	7,441	3,738	3,703	4.8	4.3	6.1

1/ Neighbor Island data based on last 9 months of 1970.

2/ Survey suspended during the first 6 months of 1976.

3/ Sample excluded housing units on military bases, included in other years.

Source: Hawaii State Department of Health, Hawaii Health Surveillance Program, records.

Table 636.-- PERSONS AND HOUSEHOLD HEADS, TOTAL AND CIVILIAN,
CHANGING RESIDENCE IN PAST YEAR: 1976 TO 1986

[Excludes persons in institutions or barracks, in Kalawao, or on Niihau]

Year surveyed	Movers		Percent moving <u>1/</u>	
	Total	Civilians <u>2/</u>	Total	Civilians <u>2/</u>
Persons 1 year old and over:				
1976	139,922	110,100	16.6	14.4
1977	153,357	112,867	18.3	15.3
1978	148,048	110,451	15.5	14.7
1979	139,025	103,705	16.2	13.3
1980	122,691	89,981	13.5	11.1
1981	137,717	105,767	15.0	12.8
1982	147,684	115,685	15.8	13.8
1983	135,496	96,824	14.1	11.4
1984 <u>3/</u>	140,509	101,730	14.4	11.6
1985 <u>4/</u>	133,466	101,840	13.6	11.5
1986	130,796	99,990	13.1	11.1
Household heads:				
1976	49,456	39,738	18.8	16.5
1977	53,482	40,102	19.8	16.6
1978	48,875	36,968	18.9	16.0
1979	45,908	34,069	17.2	14.0
1980	40,654	29,370	14.3	11.5
1981	48,264	36,780	16.5	14.0
1982	51,817	39,870	17.2	14.7
1983	45,692	32,155	14.7	11.7
1984 <u>3/</u>	45,798	34,637	15.3	12.8
1985 <u>4/</u>	42,923	31,778	14.4	11.8
1986	42,552	31,949	13.7	11.4

1/ Based on number reporting place of residence one year earlier.

2/ Based on military status when surveyed. Excludes members of the armed forces and their dependents.

3/ Persons in households living on military bases were omitted from the 1984 survey, although included in other years. For purposes of this table, such persons were assumed to have the same response distribution as members of military households living in the civilian community.

4/ Revised from Data Book 1986, table 613.

Source: Hawaii State Department of Health, Hawaii Health Surveillance Program, records.

Table 637.-- MOBILITY OF HOUSEHOLD HEADS, BY MILITARY STATUS AND COUNTIES: 1986

[Based on place of residence one year prior to survey date. Expanded from a sample of 5,661 households. Excludes persons in institutions or military barracks, in Kalawao, or on Niihau]

Island and military status of household head <u>1/</u>	All household heads	Non-movers	Movers		Mobility not reported
			Number	Percent <u>2/</u>	
State total	314,376	268,092	42,552	13.7	3,732
Military	31,576	20,316	10,512	34.1	748
Civilian	282,685	247,776	31,949	11.4	2,960
Status not reported	115	-	91	100.0	24
Oahu	236,947	201,019	32,777	14.0	3,151
Military	31,471	20,295	10,428	33.9	748
Civilian	205,385	180,724	22,258	11.0	2,403
Status not reported	91	-	91	100.0	-
Other islands	77,429	67,073	9,775	12.7	581
Hawaii	35,407	31,132	3,978	11.3	297
Kauai	14,834	13,091	1,728	11.7	15
Maui, Molokai, and Lanai	27,188	22,850	4,069	15.1	269

1/ Military status of household head at the time of the survey.

2/ Based on number reporting.

Source: Hawaii State Department of Health, Hawaii Health Surveillance Program, special tabulation.

Table 638.-- REAL ESTATE LICENSES, ACTIVE AND INACTIVE, BY TYPE OF LICENSE AND LOCATION: JUNE 1988

Type of license	Active	Inactive	Location	Active	Inactive
Total	14,428	8,778	Oahu	10,901	5,865
			Hawaii	1,312	866
Broker:			Maui	1,558	615
Individual ...	4,301	770	Kauai	559	349
Corporation or partnership	1,149	103	Molokai	52	9
Salesman	8,979	7,906	Lanai	3	-
			U.S. mainland ...	39	1,039
			Foreign	4	35

Source: Hawaii State Department of Commerce and Consumer Affairs, Professional and Vocational Licensing Division, October 13, 1988.

Table 639.-- BUILDING VACANCY RATES FOR COMPETITIVE OFFICE SPACE AND RETAIL SPACE, FOR HONOLULU, BY LOCATION: 1985 TO 1988

[Rates are percent of space reported vacant in survey]

Type of space and location	May 1985	Oct. 1985	May 1986	Oct. 1986	May 1987	Oct. 1987	May 1988
Competitive office:							
Downtown	15.9	11.5	11.4	10.7	7.0	5.7	5.0
Downtown to Waikiki	9.1	9.1	6.4	6.1	6.9	5.6	4.1
Waikiki	1.5	3.5	5.1	4.2	1.5	4.1	3.5
Other	19.1	22.6	18.0	11.0	16.0	13.9	10.0
Retail:							
Downtown	1.1	7.5	6.5	4.4	6.0	5.7	4.3
Downtown to Waikiki	4.4	5.0	13.0	7.5	7.0	8.1	7.8
Waikiki	11.2	15.4	9.1	14.8	15.8	5.0	18.9
Other	0.0	(NA)	1.8	8.1	3.7	1.3	1.5

NA Not available.

Source: Semi-annual survey by Hastings, Martin, Conboy, Braig & Associates, Ltd., cited in Building Owners & Managers Association, Hawaii, Newsletter, August 1988.

Table 640.-- OFFICE AND INDUSTRIAL SPACE AND RENTAL RATES,
FOR OAHU: 1987

Use and geographic area	Existing space (1,000 sq. ft.)	Vacant space		New construction (1,000 sq. ft.)		Rental rates (dollars per sq. ft. per mo.)	
		1,000 sq. ft.	Percent	1988	1987	Low	High
Office space <u>1/</u> ...	9,368	809	8.6	385	560	1.04	2.25
Downtown	4,568	257	5.6	165	95	1.50	2.25
King corridor ...	717	16	2.2	-	-	1.40	1.91
Kapiolani	1,074	31	2.9	220	-	1.25	2.20
Waikiki	527	9	1.7	-	-	1.60	2.00
Industrial space <u>1/</u>	28,644	700	2.4	1,580	513	0.35	1.00
Town	14,002	432	3.1	30	89	0.55	1.00
Airport	9,067	140	1.5	739	110	0.55	0.75
Leeward	3,813	93	2.4	456	14	0.35	0.70

1/ Includes areas not shown separately.

Source: Grubb & Ellis, Hawaii Real Estate 1988, pp. 6 and 10.

Table 641.-- MEDIAN PURCHASE PRICE OF EXISTING ONE-FAMILY HOMES,
FOR OAHU: 1981 TO 1987

[Based on surveys of conventional first mortgages]

Subject	1981	1982	1983	1984	1985	1986	1987
Amount (\$1,000)	117.8	129.1	135.0	138.7	150.6	161.6	177.6
Rank <u>1/</u>	2	2	2	2	3	2	4

1/ Among 32 metropolitan areas.

Source: Federal Home Loan Bank Board, 1987 Savings and Home Financing Source Book, table D5

Table 642.-- MULTIPLE LISTING SERVICE LISTINGS AND SALES,
FOR OAHU: 1957 TO 1987

[Data include 1-family and condominium properties for all years and cooperative, commercial/industrial, business opportunities, income, and vacant properties through 1977 and from 1982 forward]

Year	Number listed	Number sold	Percent sold	Average sales price (dollars)
1957	1,805	924	51.2	19,694
1958	2,064	936	45.3	21,365
1959	1,666	967	58.0	23,560
1960	1,868	795	42.6	27,808
1961	1,847	541	29.3	29,144
1962	1,522	515	33.8	29,332
1963	1,743	624	35.8	30,323
1964	1,934	882	45.6	32,951
1965	1,854	910	49.1	35,727
1966	2,137	813	38.0	35,652
1967	2,124	963	45.3	38,810
1968	2,375	1,133	47.7	42,546
1969	2,606	1,422	54.6	46,333
1970	3,415	1,693	49.6	44,755
1971	4,165	2,157	51.8	58,651
1972	6,022	4,555	75.6	60,810
1973	7,845	5,348	68.2	70,769
1974	10,933	4,821	44.1	70,918
1975	11,271	4,174	37.0	71,485
1976	10,627	4,311	40.6	75,483
1977	10,597	5,523	52.1	81,213
1978-1979 <u>1/</u> .	9,926	5,714	57.6	82,076
1979-1980 <u>1/</u> .	13,506	8,009	59.3	103,698
1980-1981 <u>1/</u> .	14,090	5,553	39.4	124,897
1981 <u>2/</u>	13,799	3,735	27.1	144,227
1982	13,484	2,948	21.9	143,046
1983	13,556	4,868	35.9	142,914
1984 <u>3/</u>	13,258	4,732	35.7	141,888
1985	13,558	5,261	38.8	137,650
1986	16,047	6,467	40.3	151,985
1987	12,887	8,855	68.7	188,200

1/ Year ended February 28 or 29.

2/ March through December.

3/ January 1 through December 31.

Source: Honolulu Board of Realtors, records.

Table 643.-- MULTIPLE LISTING SERVICE LISTINGS AND SALES, BY TYPE
OF PROPERTY, FOR OAHU: 1985 TO 1987

Year and type of property	Number listed	Number sold	Percent sold	Sales price (dollars)	
				Mean	Median <u>1/</u>
1985					
Total	13,558	5,261	38.8	137,650	...
Residential (1-family)	4,717	2,146	45.5	188,900	...
Condominium/cooperative ...	8,065	2,901	36.0	98,800	...
Vacant land	402	143	35.6	114,300	...
Income/business opportunity	252	55	21.8	206,300	...
Commercial/industrial	122	16	13.1	280,400	...
1986					
Total	16,047	6,467	40.3	151,985	...
Residential (1-family)	5,481	2,595	47.3	209,400	...
Condominium/cooperative ...	9,509	3,600	37.8	107,700	...
Vacant land	496	162	32.7	138,880	...
Income property	402	81	20.1	205,560	...
Commercial	159	29	18.2	434,880	...
1987					
Total	12,887	8,855	68.7	188,200	130,500
Single-family residential .	4,329	3,111	71.9	282,500	185,000
Condominium/cooperative ...	7,686	5,433	70.7	126,100	104,500
Vacant land	412	200	48.5	291,300	160,000
Multi-family	106	40	37.7	460,400	350,000
Commercial/industrial	153	36	23.5	668,500	320,000
Business opportunities	201	35	17.4	55,800	25,000

1/ Not available before 1987.

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

Table 644.-- MULTIPLE LISTING SERVICE UNITS SOLD, SINGLE-FAMILY RESIDENTIAL AND CONDOMINIUM, BY SELLING PRICE RANGE, FOR OAHU: 1987

Selling price range	Single-family residential	Condominium
All properties	3,111	5,433
Less than \$25,000	} 96	} 6 321 1,066 1,164
\$25,000, less than \$50,000		
\$50,000, less than \$75,000		
\$75,000, less than \$100,000		
\$100,000, less than \$125,000	185	1,048
\$125,000, less than \$150,000	503	754
\$150,000, less than \$175,000	544	362
\$175,000, less than \$200,000	465	173
\$200,000, less than \$225,000	222	98
\$225,000, less than \$250,000	214	83
\$250,000, less than \$275,000	142	70
\$275,000, less than \$300,000	95	58
\$300,000, less than \$400,000	228	89
\$400,000, less than \$500,000	94	51
\$500,000, less than \$600,000	74	27
\$600,000, less than \$700,000	65	26
\$700,000, less than \$800,000	45	15
\$800,000, less than \$900,000	33	4
\$900,000, less than \$1,000,000	19	8
\$1,000,000 or more	87	10
Median value	\$185,000	\$104,500
Mean value	\$282,500	\$126,100

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

Table 645.-- CHARACTERISTICS OF SINGLE-FAMILY AND MULTI-FAMILY DEVELOPMENTS, FOR OAHU: 1982 TO 1987

Year	Single-family developments				Multi-family developments ^{1/}		
	Average area (square feet)		Units sold	Average price (dollars)	Average living area (sq. ft.)	Units sold	Average price (dollars)
	House	Lot					
1982 ..	1,232	5,037	308	137,267	1,198	134	114,669
1983 ..	1,173	4,380	772	135,357	740	500	85,064
1984 ..	1,261	4,613	1,176	140,700	720	504	81,373
1985 ..	1,263	5,360	1,139	147,093	773	316	93,737
1986 ..	1,191	4,887	1,392	156,189	858	727	108,656
1987 ..	1,393	4,721	965	163,874	798	556	105,680

^{1/} Four stories or less.

Source: Bank of Hawaii, Construction in Hawaii, 1988 (1988), pp. 16 and 17.

Table 646.-- NUMBER OF DEEDS FILED AND RECORDED AND APPROXIMATE VALUE OF LAND CONVEYED: 1985 TO 1988

[Years ended June 30]

Subject	1985	1986	1987	1988
Number of deeds filed and recorded	20,490	28,518	58,598	66,055
Approximate value of land conveyed (\$1,000) ..	3,719,659	3,893,347	7,245,393	7,958,152

^{1/} Data include leases, agreement of sales assignments, subleases, etc., as well as deeds.

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

Table 647.-- APPROXIMATE VALUE OF LAND TRANSFERS, BY COUNTIES:
1985 TO 1987

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

County	1985	1986	1987
State total	3,778,077,861	5,911,972,676	7,020,141,251
Honolulu	2,581,678,154	4,182,294,133	4,820,850,101
Maui	562,563,099	782,651,702	1,169,182,200
Hawaii	359,835,183	620,157,231	641,667,050
Kauai	274,001,425	326,869,610	388,441,900

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

Table 648.-- MORTGAGES, FORECLOSURES, AND AGREEMENTS OF SALE:
1982 TO 1987

Year	Mortgages recorded			Fore-closures 1/ (\$1,000)	Mortgage assignments (\$1,000)	Agreements of sale (\$1,000)
	Number	Total value (\$1,000)	Average value (dollars)			
1982 ...	18,773	2,478,992	132,051	22,674	3,143	639,263
1983 ...	29,060	3,528,800	121,431	24,443	(NA)	406,327
1984 ...	28,200	3,136,606	111,227	47,844	4,291	345,120
1985 ...	30,777	3,809,595	123,780	81,525	3,566	257,588
1986 ...	48,602	7,109,021	146,270	139,757	6,260	187,307
1987 ...	49,657	6,508,957	131,079	51,382	4,038	256,328

NA Not available.

1/ Commercial and residential projects.

Source: Data from Title Guaranty of Hawaii and Hawaii State Bureau of Conveyances, cited in the Bank of Hawaii, Construction in Hawaii, 1988 (1988), p. 26.

Table 649.-- CHARACTERISTICS OF HOMES INSURED UNDER FHA
SECTIONS 203 AND 245: 1984

[Most recent information available. Section 203 data for both 1985 and 1986 and Section 245 data for 1985 have been tabulated but suppressed for Hawaii, because of inadequate sample size. No Section 245 tabulations for 1986 have been published]

Subject	Proposed homes		Existing homes	
	Sec. 203	Sec. 245 <u>1/</u>	Sec. 203	Sec. 245 <u>1/</u>
Volume of FHA-insured mortgages:				
Number	242	185	927	161
Amount (\$1,000)	26,471	20,643	93,755	17,971
Averages:				
Property value	\$136,569	\$137,519	\$133,712	\$126,149
Market price of site	\$60,913	\$61,580	\$65,794	\$57,250
Percent of value	45.0	45.0	48.9	45.3
Improved living area <u>2/</u> (square feet)	1,090	1,057	1,241	1,151
Age of structure <u>3/</u> (years) .....	...	...	15.1	10.7
Price of site per square foot	\$16.38	\$15.63	\$10.18	\$10.62
Lot size (square feet)	4,082	4,246	7,290	6,246
Mortgagor's total annual income <u>3/</u> ..	(NA)	\$40,625	(NA)	\$34,000
Monthly cost of heating and utilities	\$98.86	\$97.00	\$107.13	\$100.70
Sale price per square foot <u>2/</u>	\$94.33	(NA)	\$84.86	\$79.44
Construction cost per square foot ...	\$69.77	\$71.75	...	...

NA Not available.

1/ Graduated payment mortgage program.

2/ Data based on 1-story structures.

3/ Median rather than arithmetic mean.

Source: U.S. Department of Housing and Urban Development, FHA Homes. Data for States and Selected Areas on Characteristics of FHA Operations under Section 203 (annual) and FHA Homes. Data for States and Selected Areas on Characteristics of FHA Operations under Section 245, Graduated Payment Mortgage Program (annual).

Table 650.-- ELEVATORS, ESCALATORS, AND SIMILAR FACILITIES:
DECEMBER 31, 1987

Facility	State total	Oahu	Hawaii		Maui	Molo- kai	Lanai	Kauai
			Hilo	Kona				
Total	4,116	3,404	118	109	344	1	2	138
Elevators	3,525	2,889	89	101	315	-	1	130
Under 9 stories:								
Hydro	773	528	30	35	104	-	1	75
Roped	1,229	932	50	66	141	-	-	40
9 to 18 stories	906	817	9	-	65	-	-	15
19 to 28 stories	367	362	-	-	5	-	-	-
29 to 38 stories	174	174	-	-	-	-	-	-
39 stories or more	76	76	-	-	-	-	-	-
Escalators and moving walks	280	271	6	-	1	-	-	2
Inclined lifts	9	2	3	1	1	-	1	1
Manlifts	12	10	-	2	-	-	-	-
Dumbwaiters	272	224	20	2	21	1	-	4
Handicapped lift	2	1	-	-	1	-	-	-
Chair lift	8	7	-	-	-	-	-	1
Private industrial elevator	8	-	-	3	5	-	-	-

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

Table 651.-- TALLEST STRUCTURES, BY ISLANDS: JULY 1988

Island and structure	Location	Year completed	Height	
			Stories	Feet
BUILDINGS <u>1/</u>				
Hawaii:				
Bayshore Towers	Hilo	1970	15	135
Maui:				
Kalana O Maui (County Bldg.)	Wailuku	1972	9	140
Royal Lahaina Hotel	Kaanapali	1970	12	132
Oahu:				
Ala Moana Hotel <u>2/</u>	410 Atkinson Drive ...	1970	38	396
Ala Wai Sunset	445 Seaside Ave.	1979	44	350
Kauai:				
Westin Kauai Hotel	Lihue	1959	10	107
OTHER STRUCTURES				
Hawaii:				
Coast Guard Loran Station	Upolu Point	1958	...	625
Maui:				
KMVI Radio Tower	Wailuku	1947	...	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
Kure Atoll:				
Loran Transmitting Tower .	Kure Atoll	1962	...	625

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

2/ Measured to top of elevator machine room; otherwise, 390 feet.

Source: Compiled by DBED from Hawaii County Dept. of Research and Development, Maui County Dept. of Public Works, City and County of Honolulu Building Dept., Kauai County Dept. of Public Works, and 14th Coast Guard District.

Table 652.-- SEATING CAPACITIES OF SELECTED STADIUMS,
THEATERS, CHURCHES, AND HOTELS: 1987-1988

Facility type and name	Seating capacity
Stadiums and sports arenas:	
Aloha Stadium	50,000
Aiea High School Stadium	9,600
Neal Blaisdell Center Arena <u>1/</u>	8,731
Leilehua High School Stadium	6,500
Waipahu High School Stadium	6,500
Brigham Young University-Hawaii Cannon Activity Center ..	6,000
University of Hawaii Baseball Stadium	4,312
Theaters and auditoriums:	
Neal Blaisdell Center Arena <u>2/</u>	8,780
Neal Blaisdell Center Exhibition Hall <u>3/</u>	5,000
Francis Wong Stadium (Hoolulu Park Complex Multi-purpose Pavillion) <u>2/</u>	4,500
Lahaina Civic Center Convention Hall <u>2/</u>	4,050
Andrews Amphitheater	4,000
Hilo Civic Auditorium <u>2/</u>	3,550
Waikiki Shell <u>4/</u>	3,257
Pearlridge West Theater complex (12 theaters)	2,160
Neal Blaisdell Center Concert Hall	2,158
Kahala Theaters (5 theaters)	1,460
Waikiki 3 Theater	1,262
Hilton Hawaiian Village Dome	1,120
Kauai War Memorial Concert Theater	1,100
Waikiki 1 and 2 Theaters (each)	982
Kapiolani Theater	760
Cinerama Theater	646
Kennedy Theater	600
Ruger Theater	507
Richard T. Mamiya Theatre	500
Churches:	
Kawaiahao Church	1,300
Central Union Church (Sanctuary)	800
St. Theresa Co-Cathedral	800
St. Andrew's Cathedral	750
St. Anthony	750
Cathedral of Our Lady of Peace	700
St. Augustine	700
Star of the Sea	700

Continued on next page.

Table 652.-- SEATING CAPACITIES OF SELECTED STADIUMS,
THEATERS, CHURCHES, AND HOTELS: 1987-1988 -- Con.

Facility type and name	Seating capacity
Hotels (capacity in reception or theater configuration, whichever is greater):	
Hilton Hawaiian Village Coral Ballroom	5,000
Sheraton Waikiki Hawaii Ballroom	3,700
Hilton Hawaiian Village Tapa Room	3,400
Hilton Hawaiian Village Palace Lounge	3,200
Royal Hawaiian Monarch Room and Lanai	3,000
Westin Kauai Palace Ballroom	2,143
Hilton Hawaiian Village Coral Lounge	2,000
Westin Ilikai Pacific Ballroom	2,000
Maui Marriott Kaanapali Ballroom	1,700
Ala Moana Hibiscus Ballroom	1,500
Hilo Hawaiian Banquet Room	1,500
Hyatt Regency Maui Grand Ballroom	1,500
Pacific Beach Grand Ballroom	1,500
Westin Ilikai Polynesia	1,300
Kona Lagoon Polynesian Longhouse	1,300
Hilton Hawaiian Village Iolani Suite	1,200
Hyatt Regency Waikiki Regency Ballroom	1,200
Kona Surf Milo and Koa Rooms	1,200
Outrigger Prince Kuhio Grand Ballroom	1,200
Westin Maui Valley Isle Ballroom	1,102
Ala Moana Americana Garden Lanai	1,000
Hawaiian Regent Hawaiian Ballroom	1,000
Hilton Hawaiian Village South Pacific Ballroom	1,000
Kauai Hilton Jasmine Ballroom	1,000
Kona Surf Nalu Terrace	1,000
Turtle Bay Hilton & Country Club Kahuku meeting rooms ..	1,000
Waiohai Plantation Ballroom	1,000

- 1/ Capacity in boxing configuration.
- 2/ Capacity in concert configuration.
- 3/ Capacity in reception configuration.
- 4/ Includes 1,299 temporary seating.

Source: Compiled by the Hawaii State Department of Business and Economic Development from the Honolulu Fire Department, Fire Prevention Bureau; Honolulu Building Department; officials of the facilities listed; and Hawaii Business, June 1988, pp. 42-44.