

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, sales, and residential financing.

There were 25,807 building permits issued in 1978, with an estimated value of \$757 million. The total included \$438 million for private residential construction and \$233 million for private nonresidential structures. The value of government construction contracts awarded was \$290 million. Construction put in place, as indicated by the contracting tax base, totaled \$452 million in 1968 and \$1.06 billion in 1978. The value of land transfers in fiscal 1978 was \$1.3 billion. Mortgage loans outstanding at the end of 1977 amounted to \$4.5 billion. The March 1979 construction cost index for Honolulu (1967=100) was 262.1 for single-family residences and 260.3 for high-rise buildings.

The number of housing units in the State increased from 210,000 in 1969 to 287,000 in 1979. Owner occupied units numbered 84,000 in 1969 and 133,000 in 1979; the latter total included 96,000 on land owned in fee simple and 37,000 on leased land. Condominium units, first authorized in 1961, exceeded 63,000 at the end of 1978. Military and public housing accounted for 26,000 units as of 1979. Housing was in short supply throughout most of the past decade: on Oahu, the 1978 vacancy rate was only 1.5 percent. The average selling price of single family homes on Oahu during the year ended February 28, 1979, based on Multiple Listing Service data, was \$114,000. The median gross monthly rent for Oahu rose from \$140 in 1970 to \$234 in 1976, and the median value of owner occupied units in the latter year was well above \$75,000.

The principal sources for these data are the 1970 U.S. Census of Housing, the 1975 OEO Census Update Survey, the 1976 Honolulu Housing Survey, postal vacancy surveys issued by the Federal Home Loan Bank, various series compiled by State and County agencies (primarily the Hawaii Housing Authority, Hawaii State Department of Land and Natural Resources, Department of Planning and Economic Development, Department of Regulatory Agencies, and Department of Taxation, Honolulu Department of Housing and Community Development, and the 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 Honolulu Department of Housing and Community Development (chiefly its Housing and Community Development Research, now issued annually), the Bank of Hawaii (particularly Construction in Hawaii, also annual), and the First Hawaiian Bank (in its monthly Economic Indicators). Persons interested in figures for earlier periods should consult Historical Statistics of Hawaii, Section 15. Mainland statistics appear in Section 28 of Statistical Abstract of the United States: 1978.

Table 333.-- NUMBER AND VALUE OF BUILDING PERMITS, BY COUNTY: 1968 TO 1978

Year	Number of building permits issued					Estimated value of building permits (\$1,000)				
	State total	Honolulu	Hawaii	Kauai	Maui	State total	Honolulu	Hawaii	Kauai	Maui
1968	21,262	16,997	2,126	389	1,750	405,618	345,600	22,535	14,627	22,856
1969	20,944	15,426	3,050	460	2,008	524,667	412,594	60,757	18,013	33,303
1970	23,162	16,792	3,402	514	2,454	506,649	386,687	61,362	15,777	42,823
1971	24,562	17,239	3,876	556	2,891	416,695	298,630	61,237	15,768	41,060
1972	25,342	17,706	3,982	862	2,792	508,261	364,835	69,016	25,741	48,669
1973	30,581	22,767	4,260	1,132	2,422	649,121	480,639	56,376	31,578	80,528
1974	26,027	19,169	3,635	1,066	2,157	831,897	594,896	85,350	36,745	114,906
1975	23,287	16,514	3,506	1,255	2,012	744,494	495,871	69,691	53,099	125,833
1976	23,453	15,937	3,535	1,195	2,786	581,226	411,497	58,137	29,921	81,671
1977	23,406	15,793	3,536	1,173	2,904	534,278	356,591	62,088	32,060	83,539
1978	25,807	17,758	3,938	1,470	2,641	756,757	421,692	81,965	59,858	193,242

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 334.-- VALUE OF BUILDING PERMITS, RESIDENTIAL AND NONRESIDENTIAL, BY COUNTIES: 1970 TO 1978

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

Category and year	State total	City and Co. of Honolulu	Hawaii County	Kauai County	Maui County
RESIDENTIAL					
1970	224,147	173,815	23,226	8,690	18,417
1971	254,145	181,246	36,926	10,017	25,957
1972	323,756	228,104	42,657	19,808	33,188
1973	460,490	347,767	39,045	21,828	51,850
1974	538,869	376,170	49,995	19,992	92,711
1975	382,552	228,155	38,698	20,009	95,690
1976	259,348	179,673	29,243	13,346	37,086
1977	311,333	192,334	39,504	21,197	58,298
1978	437,601	223,539	60,963	49,005	104,094
NONRESIDENTIAL					
1970	188,154	142,995	25,337	4,855	14,966
1971	113,709	86,047	19,236	3,126	5,299
1972	131,274	98,840	16,614	3,256	12,564
1973	137,873	94,123	11,666	6,799	25,284
1974	209,904	156,961	23,920	10,908	18,114
1975	227,272	179,006	11,018	16,086	21,163
1976	196,425	144,455	10,505	3,755	37,710
1977	153,570	118,429	11,850	6,822	16,469
1978	233,006	147,059	13,408	7,711	64,829

Source: First Hawaiian Bank, as revised from local construction reports submitted to F. W. Dodge Division, McGraw-Hill Information Systems Company.

Table 335.-- GOVERNMENT CONSTRUCTION CONTRACTS AWARDED, BY AGENCY AND LOCATION: 1961 TO 1978

[In thousands of dollars.]

Calendar year <u>1/</u>	Total	By awarding agency				By location of construction			
		Federal agencies	State agencies	City and County of Honolulu	Other counties	City and County of Honolulu	County of Hawaii	County of Kauai	County of Maui
1961	68,635	13,872	29,010	23,707	2,047	54,443	7,271	3,749	3,172
1962	69,357	17,563	23,039	25,321	3,434	56,920	4,622	2,493	5,323
1963	81,136	16,533	38,717	19,785	6,101	64,856	9,012	824	6,445
1964	87,003	44,309	20,725	21,757	212	73,417	5,039	4,953	3,594
1965	139,753	64,963	46,052	28,635	102	126,970	2,118	7,026	3,639
1966	76,788	24,175	28,748	19,539	4,326	61,308	5,066	6,658	3,758
1967	137,567	34,581	63,889	35,777	3,320	114,903	13,502	3,085	6,077
1968	141,910	38,285	64,297	37,010	2,318	120,075	12,083	6,126	3,627
1969	256,288	59,125	165,801	24,818	6,544	207,413	36,078	6,852	5,944
1970	176,237	34,508	107,808	30,507	3,414	143,828	17,084	3,595	11,730
1971	175,348	54,479	99,500	17,886	3,483	149,369	14,622	4,845	6,512
1972	214,612	71,254	117,395	17,101	8,862	179,159	19,684	7,927	7,842
1973	261,723	118,052	97,783	36,294	9,594	228,427	19,616	7,709	5,971
1974	299,361	102,193	148,731	25,002	23,435	243,465	34,842	15,095	5,959
1975	450,250	94,546	227,781	102,007	25,916	354,020	41,576	31,580	23,075
1976	382,333	135,817	146,819	58,680	41,017	294,072	38,656	14,310	35,296
1977	286,452	85,415	135,360	43,772	21,905	221,126	26,884	11,579	26,863
1978	290,004	94,648	155,463	24,999	14,894	224,074	23,384	10,140	32,406

1/ By date of publication.

Source: Hawaii State Department of Planning and Economic Development, Government Construction Contracts Awarded in Hawaii, 1961-1978 (Statistical Report 129, December 13, 1978), table 1, as updated.

Table 336.-- PRIVATE RESIDENTIAL CONSTRUCTION AND DEMOLITION AUTHORIZED BY PERMITS, BY COUNTIES:
1977 AND 1978

Category and year	State total	City and County of Honolulu	Other counties			
			Total	Hawaii	Kauai	Maui
New 1-family dwellings:						
1977	4,790	2,210	2,580	1,070	429	1,081
1978	5,006	2,075	2,931	1,382	555	994
New duplex units:						
1977	100	84	16	4	2	10
1978	278	260	18	-	12	6
New apartments:						
1977	3,129	2,389	740	129	83	528
1978	4,327	2,111	2,216	282	610	1,324
Units demolished:						
1977	906	696	210	96	15	99
1978	696	558	138	81	5	52

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

Table 337.-- CONDOMINIUM PROJECTS REGISTERED WITH THE HAWAII STATE REAL ESTATE COMMISSION: 1976 TO 1978

Year	Projects	Housing units
1976	63	4,167
1977	71	5,017
1978 <u>1/</u>	108	8,846

1/ Includes 15 projects with 95 nonresidential units.

Source: Hawaii State Department of Regulatory Agencies, Professional and Vocational Licensing Division, Real Estate Commission, records.

Table 338.-- NUMBER OF CONDOMINIUM UNITS BUILT AND STANDING: 1970 TO 1979

Year	Condominium units added to inventory during year					Condominium units standing, Dec. 31
	All types	1-family and duplex	Town-house	Low-rise	High-rise	
1970	4,908	6	939	874	3,089	15,320
1971	4,318	-	1,062	382	2,874	19,638
1972	2,835	12	770	914	1,139	22,473
1973	6,741	36	1,596	1,619	3,490	29,214
1974	9,275	235	1,775	2,112	5,153	38,489
1975	10,798	68	1,760	2,922	6,043	49,287
1976	7,357	112	655	260	6,330	56,644
1977 <u>1/</u> ..	3,321	40	942	883	1,456	59,965
1978	3,210	4	604	810	1,792	63,175
1979 <u>2/</u> ..	6,816	97	1,156	1,447	4,116	69,991

1/ Revised.

2/ Preliminary.

Source: Bank of Hawaii, Department of Business Research, State of Hawaii Condominium Inventory 1962-1978 (June 1979).

Table 339.-- CHARACTERISTICS OF CONDOMINIUM UNITS, BY COUNTIES:
DECEMBER 31, 1978

Subject	State total	City and County of Honolulu	Hawaii County	Kauai County	Maui County
Total inventory	63,175	49,888	2,741	1,594	8,952
Type of structure:					
Single-family and duplex ...	724	598	-	71	55
Townhouse	10,796	8,302	695	433	1,366
Lowrise	12,464	5,488	1,635	1,054	4,287
Highrise	39,191	35,500	411	36	3,244
Original status:					
New	58,269	45,462	2,586	1,486	8,735
Converted	4,906	4,426	155	108	217
Land ownership:					
Fee simple	20,449	14,505	1,090	802	4,052
Leasehold	42,726	35,383	1,651	792	4,900
Occupancy:					
Resident use	53,683	46,496	1,967	687	4,533
Transient use	9,492	3,392	774	907	4,419

Source: Bank of Hawaii, Department of Business Research, State of Hawaii Condominium Inventory 1962-1978 (June 1979).

Table 340.-- HONOLULU CONSTRUCTION COST INDEXES: 1965 TO 1979

[1967 = 100]

Year <u>1/</u>	Single-family residence			High-rise building		
	All components	Materials prices	Labor <u>2/</u>	All components	Materials prices	Labor <u>2/</u>
1965	90.4	92.5	87.8	90.8	95.1	87.2
1966	95.6	97.0	94.0	95.8	98.6	93.2
1967	100.0	100.0	100.0	100.0	100.0	100.0
1968	106.7	106.6	106.8	105.2	102.3	107.6
1969	115.2	115.3	115.2	110.8	104.7	116.1
1970	118.0	112.9	124.5	117.9	109.3	125.2
1971	125.7	116.5	137.4	125.1	110.8	137.7
1972	135.2	123.1	150.6	133.6	114.6	150.0
1973	154.7	150.0	160.9	144.9	129.7	160.6
1974	164.6	159.0	171.6	163.7	154.6	175.6
1975	175.7	167.1	186.6	178.8	171.3	185.3
1976	193.9	176.3	215.9	199.1	178.5	216.9
1977	221.2	197.7	251.2	221.9	188.1	251.2
1978	243.7	218.7	275.1	241.6	204.7	273.5
1979: March ..	262.1 266.2	240.3 248.3	289.7 288.8	260.3 264.3	229.1 237.6	287.4 287.5

1980

1/ Annual average unless otherwise specified.2/ Wages and benefits.

Source: First Hawaiian Bank, records.

Table 341.-- CHARACTERISTICS OF CONSTRUCTION INDUSTRIES AND SUBDIVIDERS
AND DEVELOPERS: 1972

Industry	Number of estab- lishments	All employees (average)	Total receipts (\$1,000)
Total	2,318	25,012	1,109,328
Construction industries	2,183	24,460	1,046,508
General building contractors and operative builders	703	9,900	563,928
Heavy construction general contractors	92	3,147	124,794
Special trade contractors	1,387	11,413	357,785
Subdividers and developers	135	552	62,819

Source: U.S. Bureau of the Census, Census of Construction Industries, 1972, Pacific States, CC72-A-9 (1975), p. 51-3.

Table 342.-- GENERAL EXCISE TAX BASE FOR CONTRACTING AND RENTALS:
1968 TO 1978

[In thousands of dollars]

Year reported <u>1/</u>	Contracting	Rentals		
		Total	Hotel rentals <u>2/</u>	All other rentals <u>3/</u>
1968	451,697	417,247
1969	624,957	490,856
1970	782,972	531,668	176,923	354,745
1971	692,938	573,606	198,539	375,067
1972	695,939	649,954	227,058	422,895
1973	904,629	761,447	264,519	496,928
1974	1,027,195	893,347	319,109	574,237
1975	1,161,913	1,019,792	365,919	653,873
1976	1,012,952	1,161,955	433,300	728,655
1977 <u>4/</u> ...	983,618	1,274,918	482,990	791,929
1978 <u>4/</u> ...	1,060,898	1,392,947	535,874	857,073

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 an "income year" ended November 30.

2/ Not reported separately prior to January 1970.

3/ Includes residential office, automobile, and equipment rentals, and land leases.

4/ Partly estimated.

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

Table 343.-- TENURE AND CONTROL OF HOUSING: 1969 TO 1979

Year	All housing units <u>1/</u>	Owner occupied units <u>2/</u>		Renter occupied and vacant units <u>3/</u>		
		Land owned	Land leased	Private <u>4/</u>	Federal <u>1/</u>	State and County <u>1/</u>
1969	209,598	65,164	18,585	105,337	14,236	6,276
1970	216,774	68,422	20,802	106,821	14,439	6,290
1971	223,618	72,086	21,732	108,400	15,089	6,311
1972	231,608	75,939	24,565	109,949	14,959	6,196
1973	239,444	78,878	26,776	112,636	15,071	6,083
1974	249,646	82,494	30,333	114,186	16,373	6,260
1975	260,740	85,264	30,543	121,896	16,386	6,651
1976	268,387	88,284	33,730	122,626	17,225	6,522
1977	275,127	89,980	34,549	126,361	17,493	6,744
1978 <u>5/</u> ..	281,241	92,989	35,869	127,456	18,653	6,274
1979	286,854	96,273	36,540	127,638	19,022	7,381

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 1977-1979 refer to January 1; data for 1969-1976, to July 1.

3/ Data for both Federal and State agencies include housing units leased by these agencies from private owners. All data are as of April 1.

4/ 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.

5/ Revised.

Source: Honolulu Redevelopment Agency, Redevelopment and Housing Research, No. 33 (July 1973) and No. 34 (July 1974); Honolulu Department of Housing and Community Development, Housing and Community Development Research, Nos. 35-39 (July 1975-July 1979).

Table 344.-- TENURE AND CONTROL OF HOUSING, BY COUNTIES: 1979

County	All housing units <u>1/</u>	Owner occupied units <u>2/</u>		Renter occupied and vacant units <u>3/</u>		
		Land owned	Land leased	Private <u>4/</u>	Federal <u>1/</u>	State and County <u>1/</u>
State total	286,854	96,273	36,540	127,638	19,022	7,381
City & Co. of Honolulu	223,447	66,136	34,852	97,762	18,875	5,822
County of Hawaii	27,038	14,390	969	10,758	57	864
County of Kauai	11,793	5,326	129	6,015	65	258
County of Maui	24,576	10,421	590	13,103	25	437

1/ As of April 1.

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

3/ Data for both Federal and State agencies include housing units leased by these agencies from private owners. All data are as of April 1.

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

Source: Honolulu Department of Housing and Community Development, Housing and Community Development Research, No. 39, July 1979.

Table 345.-- CHARACTERISTICS OF THE HOUSING INVENTORY, FOR OAHU: 1976
AND 1970

Subject	Total	
	1976	1970
Population in housing units	662,000	593,100
All housing units	219,600	174,200
Vacant--seasonal and migratory	300	100
Tenure, race, and vacancy status		
All year-round housing units	219,300	174,100
Occupied	200,400	164,800
Owner occupied	96,100	74,200
Percent of all occupied	47.9	45.0
Renter occupied	104,300	90,600
Vacant year-round	18,900	9,300
For sale only	5,100	1,100
Homeowner vacancy rate	5.0	1.5
Cooperative or condominium	4,500	(NA)
For rent	6,600	4,500
Rental vacancy rate	6.0	4.7
Rented or sold, not occupied	2,000	1,100
Held for occasional use	2,000	1,600
Other vacant	3,200	1,000
Units in structure		
All year-round housing units	219,300	174,100
1, detached	115,200	98,800
1, attached	12,000	3,600
2 to 4	21,000	20,700
5 or more	71,200	51,000
Mobile home or trailer	-	100
Owner occupied	96,100	74,200
1, detached	78,500	65,600
1, attached	2,800	300
2 to 4	2,300	2,800
5 or more	12,500	5,400
Renter occupied	104,300	90,600
1, detached	33,200	29,400
1, attached	8,100	3,300
2 to 4	17,500	17,100
5 to 9	12,400	13,000
10 to 19	10,600	12,200
20 to 49	8,900	7,500
50 or more	13,600	8,000
Mobile home or trailer	-	-

Table 345.-- CHARACTERISTICS OF THE HOUSING INVENTORY, FOR OAHU: 1976
AND 1970 -- Continued

Subject	1976	1970
Year structure built		
All year-round housing units	219,300	174,100
April 1970 or later	50,000	(NA)
1965 to March 1970	37,000	38,000
1960 to 1964	35,600	34,600
1950 to 1959	44,700	45,600
1940 to 1949	24,400	24,800
1939 or earlier	27,600	27,400
Plumbing facilities		
All year-round housing units	219,300	174,100
With all plumbing facilities	215,900	168,800
Lacking some or all plumbing facilities	3,500	5,300
Complete bathrooms		
All year-round housing units	219,300	174,100
1	112,100	} 122,000
1 and one-half	31,800	
2 or more	70,800	
Also used by another household	2,600	} 6,100
None	2,000	
Complete kitchen facilities		
All year-round housing units	219,300	174,100
For exclusive use of household	213,400	169,000
Also used by another household	1,100	} 5,100
No complete kitchen facilities	4,800	
Rooms		
All year-round housing units	219,300	174,100
1 room	10,200	9,600
2 rooms	9,400	15,500
3 rooms	30,100	22,400
4 rooms	46,900	35,400
5 rooms	56,600	44,300
6 rooms	34,900	28,100
7 rooms or more	31,300	18,800
Median	4.7	4.6

Table 345.-- CHARACTERISTICS OF THE HOUSING INVENTORY, FOR OAHU: 1976
AND 1970 -- Continued

Subject	1976	1970
Bedrooms		
All year-round housing units	219,300	174,100
None	11,400	10,600
1	35,100	26,600
2	55,400	48,300
3	88,600	69,900
4 or more	28,800	18,700
All occupied housing units	200,400	164,800
Persons		
Owner occupied		
96,100	74,200	
1 person	8,400	4,800
2 persons	23,300	14,300
3 persons	17,000	13,000
4 persons	20,700	15,100
5 persons	14,400	11,500
6 persons	6,400	7,300
7 persons or more	5,900	8,000
Median	3.5	3.8
Renter occupied		
104,300	90,600	
1 person	21,200	16,100
2 persons	28,600	22,700
3 persons	18,600	16,600
4 persons	17,700	15,000
5 persons	9,800	9,500
6 persons	4,700	5,400
7 persons or more	3,800	5,400
Median	2.6	2.9
Persons per room		
Owner occupied		
96,100	74,200	
0.50 or less	40,300	24,200
0.51 to 1.00	48,600	38,400
1.01 to 1.50	5,700	8,300
1.51 or more	1,500	3,200
Renter occupied		
104,300	90,600	
0.50 or less	35,400	22,300
0.51 to 1.00	56,400	48,400
1.01 to 1.50	8,400	11,800
1.51 or more	4,200	8,100

Table 345.-- CHARACTERISTICS OF THE HOUSING INVENTORY, FOR OAHU: 1976
AND 1970 -- Continued

Subject	1976	1970
With all plumbing facilities	197,900	159,900
Owner occupied	96,000	73,500
1.00 or less	88,800	62,100
1.01 to 1.50	5,700	8,300
1.51 or more	1,500	3,100
Renter occupied	101,900	86,400
1.00 or less	89,400	67,400
1.01 to 1.50	8,400	11,600
1.51 or more	4,100	7,500
Household composition		
Owner occupied	96,100	74,200
2-or-more-person households	87,700	69,400
Male head, wife present, no nonrelatives	75,800	60,100
Other male head	4,600	3,800
Female head	7,200	5,600
1-person households	8,400	4,800
Renter occupied	104,300	90,600
2-or-more-person households	83,100	74,500
Male head, wife present, no nonrelatives	59,900	57,100
Other male head	11,000	6,800
Female head	12,200	10,700
1-person households	21,200	16,100
Year head moved into unit		
Owner occupied	96,100	74,200
1975 or later	13,200	(NA)
Moved in within past 12 months	8,300	(NA)
April 1970 to 1974	29,200	(NA)
1965 to March 1970	18,400	30,700
1960 to 1964	12,300	16,500
1950 to 1959	15,600	18,200
1949 or earlier	7,400	8,700
Renter occupied	104,300	90,600
1975 or later	57,200	(NA)
Moved in within past 12 months	41,500	(NA)
April 1970 to 1974	30,000	(NA)
1965 to March 1970	9,900	74,700
1960 to 1964	3,600	8,900
1950 to 1959	2,300	4,700
1949 or earlier	1,300	2,300

Table 345.-- CHARACTERISTICS OF THE HOUSING INVENTORY, FOR OAHU: 1976
AND 1970 -- Continued

Subject	1976	1970
All year-round housing units	219,300	174,100
Air conditioning		
Room unit(s)	35,100	21,700
Central system	4,800	1,400
None	179,400	151,000
Elevator in structure		
4 floors or more	36,800	16,200
With elevator	31,500	13,400
Walk-up	5,300	2,900
1 to 3 floors	182,500	157,900
Basement		
With basement	17,500	21,200
No basement	201,900	143,600
Sewage disposal		
Public sewer	194,800	149,100
Septic tank or cesspool	24,500	24,000
Other	-	900
All occupied housing units	200,400	164,800
Telephone available		
Yes	189,700	152,200
No	10,700	12,600
Automobiles and trucks available		
Automobiles:		
1	91,000	78,800
2	63,700	55,100
3 or more	21,200	13,000
None	24,500	17,800
Trucks:		
1	17,200	(NA)
2 or more	1,300	(NA)
None	181,900	(NA)

Table 345.-- CHARACTERISTICS OF THE HOUSING INVENTORY, FOR OAHU: 1976
AND 1970 -- Continued

Subject	1976	1970
All occupied housing units -- Continued		
Owned second home		
Yes	4,400	6,600
No	196,000	158,200
Cooking fuel		
Utility gas	33,900	33,100
Bottled, tank, or LP gas	4,200	3,600
Electricity	160,500	125,000
Fuel oil, kerosene, etc.	300	800
Other fuel	-	-
None	1,500	2,200

Source follows next table.

Table 346.-- FINANCIAL CHARACTERISTICS OF THE HOUSING INVENTORY,
FOR OAHU: 1976 AND 1970

Subject	1976	1970
All occupied housing units	200,400	164,800
INCOME <u>1/</u>		
Owner occupied	96,100	74,200
Less than \$3,000	1,400	4,000
\$3,000 to \$4,999	2,200	2,800
\$5,000 to \$6,999	3,200	3,500
\$7,000 to \$7,999	1,100	} 8,100
\$8,000 to \$8,999	1,200	
\$9,000 to \$9,999	1,400	} 19,200
\$10,000 to \$12,499	5,300	
\$12,500 to \$14,999	5,000	
\$15,000 to \$17,499	7,600	} 26,500
\$17,500 to \$19,999	8,400	
\$20,000 to \$24,999	15,500	} 10,200
\$25,000 to \$29,999	13,400	
\$30,000 to \$34,999	9,100	
\$35,000 or more	21,200	} 14,900
Median	23,600	
Renter occupied	104,300	90,600
Less than \$3,000	6,400	13,800
\$3,000 to \$4,999	9,100	11,000
\$5,000 to \$6,999	12,800	14,100
\$7,000 to \$7,999	6,800	} 19,000
\$8,000 to \$8,999	5,300	
\$9,000 to \$9,999	6,100	} 19,600
\$10,000 to \$12,499	14,000	
\$12,500 to \$14,999	9,800	
\$15,000 to \$17,499	10,700	} 11,100
\$17,500 to \$19,999	5,800	
\$20,000 to \$24,999	7,900	} 2,000
\$25,000 to \$29,999	3,900	
\$30,000 to \$34,999	2,400	
\$35,000 or more	3,300	} 8,000
Median	11,000	
Specified owner occupied <u>2/</u>	79,400	65,000
VALUE		
Less than \$5,000	100	200
\$5,000 to \$9,999	100	500
\$10,000 to \$12,499	-	500
\$12,500 to \$14,999	-	400
\$15,000 to \$17,499	-	800
\$17,500 to \$19,999	100	1,100
\$20,000 to \$24,999	300	4,800
\$25,000 to \$29,999	500	} 18,800
\$30,000 to \$34,999	1,100	

Table 346.-- FINANCIAL CHARACTERISTICS OF THE HOUSING INVENTORY,
FOR OAHU: 1976 AND 1970 -- Con.

Subject	1976	1970
VALUE -- Con.		
\$35,000 to \$39,999	1,000	} 23,400
\$40,000 to \$49,999	2,700	
\$50,000 to \$59,999	7,100	} 14,400
\$60,000 to \$74,999	17,700	
\$75,000 or more	48,600	
Median	75,000+	38,500
VALUE-INCOME RATIO		
Median	3.1	2.6
SELECTED MONTHLY HOUSING COSTS <u>3/</u>		
Units with a mortgage	58,800	NA
Less than \$100	100	NA
\$100 to \$119	100	NA
\$120 to \$149	800	NA
\$150 to \$174	1,400	NA
\$175 to \$199	2,400	NA
\$200 to \$224	2,700	NA
\$225 to \$249	3,300	NA
\$250 to \$274	3,400	NA
\$275 to \$299	3,100	NA
\$300 to \$349	6,100	NA
\$350 to \$399	5,500	NA
\$400 to \$499	10,400	NA
\$500 or more	14,600	NA
Not reported	4,900	NA
Median	382	NA
Units owned free and clear	20,600	NA
Less than \$50	2,000	NA
\$50 to \$69	3,900	NA
\$70 to \$79	2,700	NA
\$80 to \$89	2,400	NA
\$90 to \$99	2,100	NA
\$100 to \$119	2,200	NA
\$120 to \$149	1,700	NA
\$150 to \$199	600	NA
\$200 or more	300	NA
Not reported	2,500	NA
Median	81	NA
SELECTED MONTHLY HOUSING COSTS AS PERCENTAGE OF INCOME <u>3/</u>		
Units with a mortgage	58,800	NA
Median	18	NA
Units owned free and clear	20,600	NA
Median	6	NA

Table 346.-- FINANCIAL CHARACTERISTICS OF THE HOUSING INVENTORY,
FOR OAHU: 1976 AND 1970 -- Con.

Subject	1976	1970
GROSS RENT		
Specified renter occupied <u>4/</u>	104,200	90,200
Less than \$50	1,400	3,900
\$50 to \$59	1,100	3,000
\$60 to \$69	900	2,800
\$70 to \$79	1,500	2,600
\$80 to \$99	2,600	6,100
\$100 to \$119	2,000	11,600
\$120 to \$149	4,600	14,000
\$150 to \$174	10,200	18,600
\$175 to \$199	11,100	
\$200 to \$224	11,300	11,400
\$225 to \$249	8,900	
\$250 to \$274	8,700	
\$275 to \$299	8,400	5,000
\$300 to \$349	11,900	
\$350 or more	15,300	
No cash rent	4,300	11,300
Median	234	140
Nonsubsidized renter occupied <u>5/</u>	82,300	NA
Median	241	NA
GROSS RENT AS PERCENTAGE OF INCOME		
Specified renter occupied <u>4/</u>	104,200	90,200
Less than 10 percent	6,400	8,500
10 to 14 percent	11,300	13,000
15 to 19 percent	16,600	13,200
20 to 24 percent	13,500	10,000
25 to 34 percent	18,900	11,700
35 percent or more	32,900	20,400
Not computed	4,600	13,500
Median	26	22
Nonsubsidized renter occupied <u>5/</u>	82,300	NA
Median	27	NA
CONTRACT RENT		
Specified renter occupied <u>4/</u>	104,200	90,200
Median	218	130

1/ Income of families and primary individuals in 12 months preceding date of enumeration.

2/ Limited to 1-family homes on less than 10 acres and no business on property.

3/ Sum of payments for real estate taxes, property insurance, utilities, fuel, water, garbage and trash collection, and mortgage at time of enumeration.

4/ Excludes 1-family homes on 10 acres or more.

5/ Excludes 1-family homes on 10 acres or more, mobile homes or trailers, housing units in public housing projects, and housing units with government rent subsidies; includes units where the subsidized/nonsubsidized status was not reported.

Source: U.S. Department of Commerce and U.S. Department of Housing and Urban Development, Current Housing Reports, Annual Housing Survey: 1976, Honolulu, Hawaii, Standard Metropolitan Statistical Area, H-170-76-48 (GPO, October 1978), tables A-1 and A-2.

Table 347.-- CHARACTERISTICS OF OCCUPIED HOUSING UNITS, FOR SPECIFIED ISLANDS: 1975

Characteristics	Oahu	Hawaii	Maui, Molokai, Lanai	Kauai (1974)
Number of housing units	209,676	22,112	17,732	8,550
Occupants:				
Average household size <u>1/</u>	3.43	3.38	3.37	3.45
Median household income (dollars)	14,139	11,337	13,370	10,750
Median family income (dollars)	14,611	12,028
Percent of households below poverty level .	10.0	19.8
Tenure and control (percent):				
Owner occupied	47.8	60.6	65.9	53.8
Condominium or cooperative	3.5	0.3	2.7	...
Other owner occupied	44.3	60.3	63.2	...
Renter occupied (incl. no cash rent)	51.7	39.4	34.1	46.1
Percent of owner occ. on leased land	31.6	6.8	6.0	14.8
Percent of renter occ. owned by govt.	21.5	6.8	3.9	...
Structural characteristics (percent):				
In one-unit structures	57.1	82.0	84.0	...
In one-story structures	57.6	80.0	83.0	...
With passenger elevator	11.0	2.4	5.2	...
With 1 to 3 rooms	18.4	11.6	13.8	...
With 0 to 2 bedrooms	42.0	32.1	34.1	...
With both hot and cold running water	99.2	96.0	98.0	...
With private flush toilet and tub or shower	98.8	96.6	98.8	...
With private sink, stove, and refrigerator	98.4	96.9	98.8	...
In "good" condition <u>2/</u>	85.6	82.6	86.1	...
Median monthly costs (dollars):				
Owner occupied:				
Total, excl. maintenance and utilities ...	256	89	137	...
Utilities	56	45	53	...
Renter occupied, excl. no cash rent:				
Contract rent	197	135	164	(<u>3/</u>)
Utilities	36	30	45	...

1/ Before adjustment for apparent overstatement; see source for discussion.

2/ Units were classified as "good," "fair," or "poor;" see source for criteria.

3/ For rented plantation housing, \$28; for other rented units, \$125.

Source: Survey & Marketing Services, Inc., OEO 1975 Census Update Survey for Oahu (Sept. 1976), Hawaii County (Sept. 1976), and Maui County (Feb. 1976), as corrected; University of Hawaii, Center for Nonmetropolitan Planning and Development, Kauai Socioeconomic Profile (May 1975).

Table 348.— CHARACTERISTICS OF OCCUPIED HOUSING UNITS, BY DISTRICTS: 1975

District <u>1/</u>	Percent 1-family detached	Percent owner occupied	Monthly cost (dollars)	
			Owned <u>2/</u>	Rented <u>3/</u>
Oahu, total	57.7	47.8	256	197
Niu-Hawaii Kai	83.7	81.0	399	397
Diamond Head-Aina Haina	96.6	87.0	374	367
Kaimuki-Kapahulu	73.8	55.4	129	196
Wilhelmina-Palolo	78.9	68.1	188	241
Manoa-Makiki	39.8	46.4	290	223
Moiliili-Makiki	8.9	21.4	262	198
Waikiki	6.3	24.8	258	206
Downtown-Kakaako	3.4	11.7	290	170
Nuuanu-Punchbowl	82.0	67.6	179	182
Upper Kalihi	66.7	57.2	182	179
Kalihi-Kapalama	29.3	25.0	175	120
Moanalua-Salt Lake	44.3	34.3	285	189
Aiea-Halawa	78.8	67.8	241	234
Pearl City	69.0	64.5	247	304
Pearl Harbor	36.9	15.3	199	184
Waipahu	63.9	41.8	251	252
Ewa-Makakilo	82.6	45.1	270	150
Waianae Coast	84.5	49.3	162	186
Mililani-Waipio	74.5	63.9	307	290
Wahiawa-Schofield	44.1	27.0	258	194
North Shore-Waiialua	86.0	39.8	157	183
Upper Windward	87.3	57.2	347	250
Kaneohe	78.6	55.4	241	192
Kailua	91.3	71.7	319	286
Waimanalo	85.4	66.7	94	106
Hawaii County, total	82.8	60.6	89	135
Hilo-Wailea	89.8	63.7	73	83
Hilo (makai)	53.7	36.8	112	158
Hilo (mauka)	93.2	77.2	128	212
Puna-Ka'u	97.4	76.9	88	92
Kona	81.3	55.0	89	173
North Hilo-Kohala	87.1	54.9	68	77
Maui County, total	84.0	65.9	137	164
Northeast Maui	97.5	73.1	116	193
Kihei-Kula	70.7	61.2	244	266
Kahului	88.4	78.5	157	212
Wailuku-Waikapu	85.6	73.2	123	178
Lahaina	69.5	56.7	168	222
Molokai	96.5	44.3	74	59
Lanai	98.5	52.5	51	56

Continued on next page.

Table 348.-- CHARACTERISTICS OF OCCUPIED HOUSING UNITS, BY DISTRICTS:
1975 -- Con.

District <u>1/</u>	Percent 1-family detached	Percent owner occupied	Monthly cost (dollars)	
			Owned <u>2/</u>	Rented <u>3/</u>
Kauai, total (1974)	53.8	...	125
Hanalei	53.2	...	124
Wailua-Anahola	64.4	...	102
Kapaa	48.5	...	153
Puhi-Hanamauulu	65.8	...	68
Lihue	71.7	...	118
Koloa-Poipu	51.7	...	138
Eleele-Kalaheo	55.7	...	149
Kaunakani-Hanapepe	28.8	...	154
Kekaha-Waimea	42.6	...	99

1/ See maps, pp. 34 - 36 . These districts consist of groupings of census tracts, which differ in most cases from the districts described in table 4 and the urban places described in tables 5 and 6.

2/ Median monthly housing costs, excluding maintenance costs and utilities, for owner occupied housing units.

3/ Median monthly contract rent of renter occupied housing units, excluding those not paying cash rent.

Source: Survey and Marketing Services, Inc., OEO 1975 Census Update Survey for Oahu (September 1976), Hawaii County (September 1976), and Maui County (February 1976); University of Hawaii, Center for Nonmetropolitan Planning and Development, Kauai Socioeconomic Profile (May 1975).

Table 349.-- HAWAII HOUSING AUTHORITY OPERATIONS: 1977 AND 1978

Year	Units managed by HHA <u>1/</u>		Population in units <u>1/</u>	Operating revenues of HHA <u>2/</u> (\$1,000)		Operating revenues per unit per mo. <u>2/</u> (dollars)	Total assets <u>1/</u> (\$1,000)	Average mo. rent charged <u>2/</u> (dollars)
	Total	Occupied		Gross	Net			
1977	5,555	5,524	18,214	8,696	-767	103.36	80,843	97.05
1978	5,404	5,349	16,799	7,619	387	129.06	83,098	108.42

1/ As of June 30.

2/ Year ended June 30.

Source: Hawaii Housing Authority, records.

Table 350.-- HOUSING VACANCY SURVEYS OF OAHU: 1977 TO 1979

[Sponsored by the Federal Home Loan Bank and conducted by U.S. mail carriers.]

Date of survey and type of unit	All deliveries <u>1/</u>	Vacant <u>1/</u>		New units and units under construction <u>2/</u>		
		Number	Percent	Total	New	Under construction
APRIL 1977						
All deliveries	213,850	3,399	1.6	4,301	2,073	2,228
Single-family residences	113,937	488	0.4	564	155	409
Apartments	99,913	2,911	2.9	3,737	1,918	1,819
Mobile homes	-	-	...	-	-	-
MARCH 1978						
All deliveries	224,237	3,312	1.5	6,686	1,866	4,820
Single-family residences	117,767	709	0.6	2,063	452	1,611
Apartments	106,467	2,603	2.4	4,623	1,414	3,209
Mobile homes	3	-	0	-	-	-
MAY 1979						
All deliveries	232,134	2,584	1.1	6,251	1,497	4,754
Single-family residences	116,300	376	0.3	1,714	330	1,384
Apartments	115,766	2,208	1.9	4,537	1,167	3,370
Live-aboard boats	66	-	0	-	-	-
Mobile homes	2	-	0	-	-	-

1/ Excludes new units, completed but as yet unoccupied.

2/ As yet unoccupied.

Source: Federal Home Loan Bank of Seattle, Honolulu Housing Vacancy Survey (annual).

Table 351.-- VACANCY RATES FOR HOUSING UNITS SAMPLED FOR THE HAWAII HEALTH SURVEILLANCE PROGRAM SURVEY, BY COUNTIES: QUARTERLY, JULY 1976 TO DECEMBER 1978

Year and quarter	Percent of sampled units vacant <u>1/</u>			
	Oahu	Hawaii County	Maui County	Kauai County
1976: Third	4.7	7.4	2.9	4.4
Fourth	5.4	8.4	2.3	6.1
1977: First	5.3	7.9	4.5	4.9
Second	5.9	7.7	7.1	1.7
Third	6.5	7.9	(S)	3.0
Fourth	6.5	4.5	1.0	2.0
1978: First	4.3	7.0	4.3	7.7
Second	2.8	3.4	5.2	3.6
Third	3.6	7.4	1.6	2.0
Fourth	4.2	4.9	2.8	2.6

S Inadequate or defective sample.

1/ Units occupied by households temporarily absent were classified as occupied. The base excludes beach homes and units occupied by transients.

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

Table 352.-- PRICE GROUP OF NEW SALES HOUSING COMPLETED, BY TYPE OF STRUCTURE AND LAND OWNERSHIP, FOR OAHU: 1977 AND 1978

[Survey includes only subdivisions or projects with five or more completions during the year.]

Year completed, type of structure, and land ownership	All price groups	Under \$50,000	\$50,000 to \$69,999	\$70,000 to \$99,999	\$100,000 and over	Median price (dollars)
1977						
All units	2,915	409	1,033	1,260	213	70,369
1-family detached:						
Fee simple	669	-	36	564	69	85,878
Leasehold	291	93	10	156	32	78,173
1-family attached:						
Fee simple	69	-	-	69	-	85,000
Leasehold	-	-	-	-	-	(X)
Condo fee simple ..	133	-	73	59	1	68,750
Condo leasehold ...	216	9	119	31	57	64,595
Multi-family:						
Condo fee simple ..	342	178	164	-	-	48,833
Condo leasehold ...	1,195	129	631	381	54	67,093
1978						
All units	2,274	108	500	1,083	583	84,654
1-family detached:						
Fee simple	681	-	-	511	170	89,990
Leasehold	246	-	6	99	141	>100,000
1-family attached:						
Fee simple	247	-	6	221	20	85,950
Leasehold	12	-	9	3	-	66,667
Condo fee simple ..	177	41	87	49	-	59,500
Condo leasehold ...	66	10	56	-	-	57,667
Multi-family:						
Condo fee simple ..	-	-	-	-	-	(X)
Condo leasehold ...	845	57	336	200	252	74,425

Footnotes and source follow next table.

Table 353.-- SALES STATUS OF NEW SALES HOUSING COMPLETED, BY PRICE GROUP AND TYPE OF STRUCTURE, FOR OAHU: 1977 AND 1978

[Survey includes only subdivisions or projects with five or more completions during the year.]

Year completed and price group or type of structure	Units completed during year	Sold before const. started	Speculative units		
			Sold by Dec. 31	Unsold by Dec. 31	
				Number	Percent <u>1/</u>
1977					
All units	2,915	612	1,680	623	27.1
Price group:					
Under \$50,000	409	107	293	9	4.9
\$50,000 to \$59,999	351	23	169	159	48.5
\$60,000 to \$69,999	682	25	525	132	20.1
\$70,000 to \$99,999	1,260	318	640	302	32.1
\$100,000 and over	213	139	53	21	28.4
Median (dollars)	70,369	84,245	67,200	71,142	(X)
Type of structure:					
1-family detached	960	456	443	61	12.1
1-family attached	418	102	244	72	22.8
Multi-family	1,537	54	993	490	33.0
1978					
All units	2,274	1,649	563	62	9.9
Price group:					
Under \$50,000	108	92	16	-	0
\$50,000 to \$59,999	328	171	150	7	4.5
\$60,000 to \$69,999	172	93	59	20	25.3
\$70,000 to \$99,999	1,083	875	203	5	2.4
\$100,000 and over	583	418	135	30	18.2
Median (dollars)	84,654	86,063	78,350	94,000	(X)
Type of structure:					
1-family detached	927	831	85	11	11.5
1-family attached	502	343	134	25	15.7
Multi-family	845	475	344	26	7.0

X Not applicable.

1/ Of speculative units.

Source: U.S. Department of Housing and Urban Development, Honolulu Area Office, "HUD Survey of Unsold New Houses" (unpublished tables).

Table 354.-- MULTIPLE LISTING SERVICE LISTINGS AND SALES,
FOR OAHU: 1968 TO 1978-1979

[Data include 1-family and condominium properties for all
years and cooperative, income, and vacant properties
through 1977.]

Year	Number listed	Sold		
		Number	Percent	Average selling price (dollars)
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

1/ Year ended February 28, 1979.

Source: Honolulu Board of Realtors, records.

Table 355.-- MULTIPLE LISTING SERVICE LISTINGS AND SALES OF RESIDENTIAL AND CONDOMINIUM UNITS, FOR OAHU: 1972 TO 1978-1979

Year	Number of units listed		Number of units sold		Percent of listed units sold		Average selling price (dollars)	
	Residential	Condo-minium	Residential	Condo-minium	Residential	Condo-minium	Residential	Condo-minium
1972	3,472	2,080	2,891	1,306	83.3	62.8	65,723	43,869
1973	4,148	3,185	2,699	2,379	65.1	74.7	85,914	46,811
1974	4,826	4,912	2,246	2,302	46.5	46.9	83,611	54,956
1975	4,821	5,323	2,265	1,715	47.0	32.2	83,797	55,596
1976	4,791	4,903	2,472	1,650	51.6	33.7	85,691	59,842
1977	4,452	5,422	2,985	2,285	67.0	42.1	94,028	61,484
1978-1979 <u>1/</u> ...	3,522	6,404	2,139	3,575	60.7	55.8	114,264	67,783

1/ Year ended February 28, 1979.

Source: Honolulu Board of Realtors, records.

Table 356.-- MULTIPLE LISTING SERVICE LISTINGS AND SALES, BY TYPE OF PROPERTY,
FOR OAHU: MARCH 1, 1978 TO FEBRUARY 28, 1979

Type of property	Number of units listed	Units sold		Selling price of units sold	
		Number	Percent	Total (\$1,000)	Per unit (dollars)
All categories	9,926	5,714	57.6	486,737	85,183
Single-family residential ..	3,522	2,139	60.7	244,413	114,265
1 and 2 bedrooms	218	131	60.1	13,996	106,839
3 bedrooms	1,893	1,262	66.7	126,501	100,238
4 or more bedrooms	1,411	746	52.9	103,916	139,297
Condominiums	6,404	3,575	55.8	242,325	67,783
1 and 2 bedrooms	4,896	2,653	54.2	176,350	66,472
3 bedrooms	1,311	796	60.7	56,815	71,375
4 or more bedrooms	197	126	64.0	9,160	72,696

Source: Honolulu Board of Realtors, records.

Table 357.-- NUMBER OF DEEDS FILED AND RECORDED
AND APPROXIMATE VALUE OF LAND CONVEYED:
1969 TO 1979

Year ended June 30	Number of deeds filed and recorded	Approximate value of land conveyed (dollars) <u>1/</u>
1969	14,683	809,639,656
1970	14,876	822,665,446
1971	16,036	969,486,762
1972	20,354	1,211,269,225
1973	21,874	1,736,756,401
1974	21,435	2,076,149,450
1975	17,892	1,308,805,819
1976	20,072	915,195,342
1977	22,618	1,771,313,731
1978 <u>2/</u>	24,902	1,306,408,450
1979	28,586	3,709,276,737

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

2/ Revised.

Source: Hawaii State Department of Land and Natural Resources, Annual Report (annual); Bureau of Conveyances, records.

Table 358.-- REAL ESTATE MORTGAGE LOANS OUTSTANDING, BY TYPE OF LENDING INSTITUTION: 1970 TO 1978

[In thousands of dollars. As of December 31.]

Year	All institutions	Banks	Savings, building and loan associations	Trust companies <u>1/</u>	Industrial loan companies	Insurance companies
1970	1,790,220	469,483	678,688	4,760	37,587	599,702
1971	2,093,033	496,899	854,183	5,156	63,852	672,944
1972	2,424,166	570,525	1,061,068	2,199	90,733	699,641
1973	2,797,345	662,989	1,231,323	984	194,758	707,292
1974	3,210,216	751,142	1,344,025	593	291,566	822,890
1975	3,564,867	816,412	1,547,871	479	318,305	881,800
1976	3,959,529	883,500	1,841,239	2,307	284,856	947,627
1977	4,495,971	992,773	2,229,623	1,241	292,066	980,268
1978	(NA)	1,150,080	2,762,269	1,913	330,902	(NA)

NA Not available.

1/ Excluding mortgage loans held in trust and agency accounts.

Source: Hawaii State Department of Regulatory Agencies, Bank Examination Division and Insurance Division.

Table 359.-- AVERAGE VALUES FOR EXISTING 1-FAMILY HOMES INSURED UNDER
F.H.A. SECTION 203: 1972, 1977, AND 1978

Subject	1972	1977	1978
Property value (dollars)	41,611	60,975	71,449
Market price of site (dollars)	16,924	26,299	31,138
Price of site as percent of value ..	40.7	42.8	43.5
Improved living area (square feet) .	1,041	1,150	1,146
Lot size (square feet)	6,860	8,536	7,833
Sale price per square foot (dollars)	38.88	51.94	60.73

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).

Table 360.-- CHANGES IN THE NUMBER OF ELEVATORS: 1975 TO 1978

Year	Added	Removed	In operation, December 31
1975	248	4	2,568
1976	202	2	2,768
1977	119	6	2,881
1978	121	7	2,995

Source follows next table.

Table 361.-- ELEVATORS, ESCALATORS, AND SIMILAR FACILITIES: DECEMBER 31, 1973 AND 1978

Facility	State totals		Geographic location: 1978						
	1973	1978	Oahu	Hawaii Co.		Maui Co.			Kauai Co.
				Hilo	Kona	Maui	Molokai	Lanai	
Total <u>1/</u>	2,141	2,995	2,557	103	61	220	1	1	52
Elevators	1,796	2,545	2,158	79	58	203	--	1	46
Under 9 stories ...	996	1,403	1,067	70	58	169	--	1	38
Hydro	237	445	318	25	18	69	--	1	14
Roped	759	958	749	45	40	100	--	--	24
9 to 18 stories ...	560	747	701	9	--	29	--	--	8
19 to 28 stories ..	172	259	254	--	--	5	--	--	--
29 to 38 stories ..	65	103	103	--	--	--	--	--	--
39 stories or more	3	33	33	--	--	--	--	--	--
Escalators and moving walks	138	195	188	6	--	1	--	--	--
Inclined lifts	--	7	2	2	1	2	--	--	--
Man lifts	11	11	11	--	--	--	--	--	--
Dumbwaiters	194	235	197	16	2	13	1	--	6
Workmen's hoists <u>1/</u> .	34	12	12	--	--	--	--	--	--
Other facilities	2	2	1	--	--	1	--	--	--
Buildings with facilities <u>1/</u>	(<u>2/</u>)	1,425	1,213	59	27	98	1	1	26

1/ Workmen's hoists not included in totals.

2/ Not available. The December 31, 1974 total was 1,118.

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