

Section 24

FOREIGN AND INTERSTATE COMMERCE

This section includes data on the flow of goods, services, and capital between Hawaii and the rest of the world, with particular emphasis on trade and investment involving foreign countries.

Imports to Hawaii from foreign nations rose from \$1.04 billion in 1977 to \$1.77 billion in 1987. Exports to foreign countries amounted to only \$98 million in 1977, but by 1987 reached \$393 million. These figures, it should be noted, refer to merchandise imports and exports through the Honolulu Customs District. They do not necessarily represent exports of commodities originating in Hawaii, nor imports for direct consumption within the State.

Trade with the Mainland United States has similarly risen in the past decade. Merchandise received from the Mainland increased from \$2.0 billion in 1975 to \$5.6 billion in 1985. Estimates of the value of merchandise shipped to the Mainland are no longer available.

Among the foreign nations, Hawaii's leading trading partner in 1986 was Japan for both imports and exports. Imports for consumption from Japan amounted to \$447 million, or 31 percent of the total, while exports to Japan reached \$100 million or 43 percent of all foreign exports. About 42 percent of all imports for consumption were petroleum and natural gas products and monolithic integrated circuits.

Honolulu Foreign Trade Zone No. 9 handled merchandise valued at \$73 million in fiscal 1987. Merchandise handled by Subzone No. 9A, the PRI refinery, was valued at \$861 million, almost all of it in petroleum and petroleum products. The other three subzones accounted for a combined total of \$343 million.

Foreign-owned businesses in Hawaii had a gross book value of \$2.0 billion in 1986, owned 52,000 acres, and employed 18,900 persons. Foreign investments in Hawaii between 1959 and 1987 totaled \$4.7 billion, four-fifths of it Japanese. During the 15-month period ended in March 1988, Japanese investors spent \$890 million on Hawaiian real estate.

Sources for statistics on interstate and foreign commerce include the U.S. Bureau of the Census and Bureau of Economic Analysis, Foreign Trade Zone No. 9 and its four subzones, and the DBED International Services Branch. Further information is found in waterborne cargo data by origin and destination, compiled by the Army Corps of Engineers and cited in Section 18.

Comparable data for the nation as a whole appear in Section 29 of Statistical Abstract of the United States: 1988. Long-term Island trends are summarized in Historical Statistics of Hawaii, Section 21.

Table 707.-- INTERSTATE AND FOREIGN TRADE: 1970 TO 1988

[Merchandise imports and exports, foreign and domestic, in millions of dollars. For 1958-1969, see Data Book 1987, table 713]

Year	Merchandise imports					Merchandise exports, total <u>2/</u>
	Total	Domestic			Foreign	
		Total	Waterborne	Air <u>1/</u>		
1970	1,431.5	1,256.8	1,172.5	84.3	174.7	349.4
1971	1,258.1	1,034.6	888.7	145.9	223.6	380.8
1972	1,462.5	1,218.8	1,082.2	136.6	243.7	365.0
1973	1,892.9	1,578.0	1,460.1	117.9	314.9	493.9
1974	2,510.0	1,962.9	1,825.0	137.8	547.2	1,017.9
1975	2,843.0	2,044.8	1,872.8	172.0	798.2	844.7
1976	3,310.8	2,488.8	2,269.2	219.5	822.0	903.6
1977	3,792.1	2,885.1	2,648.3	236.8	907.1	938.4
1978	4,146.1	3,140.9	2,890.0	251.0	1,005.2	1,044.7
1979	5,001.2	3,897.0	3,636.9	260.1	1,104.3	1,182.3
1980	6,239.4	4,779.7	4,577.9	201.9	1,459.7	1,569.2
1981	6,241.3	4,716.1	4,500.2	215.9	1,525.2	1,289.2
1982	5,933.8	4,700.3	4,478.8	221.5	1,233.5	1,333.4
1983	6,461.8	5,096.3	4,856.6	239.7	1,365.5	1,440.7
1984	6,568.0	5,309.4	5,047.9	261.5	1,258.6	1,419.8
1985	6,981.2	5,564.2	5,290.2	274.0	1,417.0	1,336.3
1986 <u>3/</u> ..	7,693.0	6,098.0	5,800.0	298.0	1,595.0	1,389.8
1987 <u>3/</u> ..	8,567.9	6,657.0	6,350.0	307.0	1,910.9	1,445.3
1988 <u>4/</u> ..	9,392.3	7,122.0	6,800.0	322.0	2,270.3	1,503.2

1/ Preliminary, 1982-1985; forecast, 1986-1988.

2/ Not available separately for foreign and domestic exports.

3/ Preliminary.

4/ Forecast.

Source: Hawaii State Department of Business and Economic Development, Hawaii Gross State Product Accounts: 1958 to 1985; Preliminary Estimates: 1986 and 1987; Forecasts: 1988 (1988).

Table 708.-- FOREIGN TRADE THROUGH THE HONOLULU CUSTOMS DISTRICT:
1968 TO 1987

[Value, in millions of dollars, of U.S. imports and exports entered or exported through the Honolulu Customs District. The data may include imports intended for consumption on the Mainland and exports originated on the Mainland]

Year	General imports <u>1/</u>	Imports for consumption <u>1/</u>	Exports of foreign and domestic merchandise <u>2/</u>
1968	142.5	138.7	49.0
1969	171.0	167.3	46.4
1970	174.7	167.4	51.2
1971	223.6	215.5	46.3
1972	244.3	227.5	60.4
1973	340.1	304.9	72.8
1974	645.3	605.5	115.2
1975	784.4	757.6	95.7
1976	915.1	876.5	66.2
1977	1,038.2	988.1	98.3
1978	1,184.5	1,126.4	137.8
1979	1,334.6	1,238.5	176.1
1980	1,842.0	1,721.4	174.3
1981	1,982.2	1,525.4	237.7
1982	1,732.7	1,509.4	219.0
1983	1,828.0	1,433.5	203.3
1984	1,614.2	1,397.9	316.9
1985	1,756.3	1,553.1	388.8
1986	1,556.9	1,425.4	231.1
1987	1,770.1	1,558.6	392.8

1/ Customs value basis. Excludes vessels under their own power or afloat and shipments valued under \$251.

2/ Totals are on f.a.s. (free alongside ship) basis.

Source: U.S. Bureau of the Census, U.S. Foreign Trade: Highlights of Exports and Imports, FT990 (through 1973) and Highlights of U.S. Export and Import Trade, FT990 (1974 and later), cumulative totals in December issues.

Table 709.-- FOREIGN TRADE THROUGH THE HONOLULU CUSTOMS DISTRICT, BY
METHOD OF TRANSPORTATION: 1987

[See headnote to preceding table]

Category and method of transportation	Value <u>1/</u> (million dollars)	Shipping weight (million pounds)
General imports, all methods <u>2/</u>	1,770.1	(NA)
Vessel	998.4	7,279.2
Air	885.0	31.2
Imports for consumption, all methods <u>3/</u>	1,558.6	(NA)
Exports, all methods <u>2/</u>	392.8	(NA)
Vessel	104.7	1,224.4
Air	142.2	23.0

NA Not available.

1/ Customs value basis for imports; f.a.s. (free alongside ship) value basis for exports. See source for definitions.

2/ Includes categories not tabulated by method of transportation, not shown separately.

3/ Not available by method of transportation.

Source: U.S. Bureau of the Census, Highlights of U.S. Export and Import Trade, FT 990, December 1986, tables B-6, C-10, and C-11.

Table 710.-- IMPORTS AND EXPORTS, BY CUSTOMS DISTRICT AND
STATE OF ORIGIN AND DESTINATION: 1987

[In millions of dollars]

Subject	Value
General imports (c.i.f. value basis):	
Entered through Honolulu Customs District	1,863.6
Destined for Hawaii <u>1/</u>	801.6
Exports (f.a.s. value basis):	
Cleared through Honolulu Customs District	392.8
Originated in Hawaii <u>1/</u>	151.7

1/ Includes commodities through customs districts other than Honolulu. Not available before 1987.

Source: U.S. Bureau of the Census, Highlights of U.S. Export and Import Trade, December 1987, FT 990 (June 1988), tables A-11, B-6, and C-10.

Table 711.-- IMPORTS AND EXPORTS THROUGH THE HONOLULU CUSTOMS DISTRICT,
BY REGION OF ORIGIN OR DESTINATION: 1986 AND 1987

[In dollars. Includes all foreign trade through the Honolulu Customs District, and thus may include imports intended for consumption in other States or exports originated in other States. Excludes imports intended for consumption in Hawaii but entering through other customs districts, and exports originated in Hawaii but shipped through other customs districts]

Region	Imports for consumption		Exports of domestic merchandise	
	1986	1987	1986	1987
All regions	1,425,448,868	1,558,625,780	231,101,886	392,820,689
Africa	375,080	5,518,006	301,707	4,870
Asia	1,168,353,226	1,376,898,490	130,866,667	244,820,744
Australia and Oceania ...	169,165,412	91,661,864	75,424,684	115,769,567
Europe	58,231,214	50,938,574	7,482,684	7,377,732
Latin America ^{1/}	5,366,518	3,804,159	624,613	4,324,136
North America ^{2/}	23,957,418	29,804,687	16,401,531	20,523,640

^{1/} Includes Central and South America, Bermuda, and the Caribbean.

^{2/} Excluding Latin America.

Source: Hawaii State Department of Business and Economic Development, International Services Branch, Hawaii's Foreign Trade, A Statistical Digest (annual). Compiled from U.S. Bureau of the Census tapes.

Table 712.-- IMPORTS AND EXPORTS THROUGH THE HONOLULU CUSTOMS DISTRICT,
TOTAL AND BY LEADING COUNTRIES OF ORIGIN OR DESTINATION: 1987

[See headnote to preceding table]

Country	Total	Imports for consumption	Exports of domestic merchandise
All countries	1,951,446,469	1,558,625,780	392,820,689
Japan	569,382,241	464,219,638	105,162,603
Singapore	283,654,671	279,225,628	4,429,043
Indonesia	231,593,376	228,051,979	3,541,397
Taiwan	168,680,862	157,969,962	10,710,900
Australia	140,349,623	66,087,927	74,261,696
Philippines	113,883,544	111,911,043	1,972,501
Korea, Republic of	112,898,509	52,395,301	60,503,208
China, People's Republic of .	53,589,911	16,655,072	36,934,839
Hong Kong	52,048,310	31,406,090	20,642,220
Canada	50,324,274	29,800,634	20,523,640
New Zealand	34,723,802	23,539,597	11,184,205
Malaysia	18,157,329	18,152,329	5,000
France	16,025,298	15,459,455	565,843
Marshall Islands	13,156,746	34,038	13,122,708
Papua New Guinea	8,997,470	125,671	8,871,799
Italy	8,641,005	8,375,609	265,396
Netherlands	7,549,952	2,828,609	4,721,343
Thailand	7,024,422	6,158,139	866,283
United Kingdom of Great Britain & Northern Ireland	6,496,921	5,708,508	788,413
Saudi Arabia	5,127,927	5,125,908	2,019
Denmark	4,999,807	4,999,807	-
Seychelles	4,968,989	4,968,989	-
Falkland Islands (Islas Malvinas)	4,176,978	-	4,176,978
Germany, Federal Republic of	3,868,698	3,707,497	161,201
Southern Pacific Islands	3,702,766	1,690	3,701,076

Source: Hawaii State Department of Business and Economic Development, International Services Branch, Hawaii's Foreign Trade 1987, A Statistical Digest, International Business Series No. 53 (July 1988), table 2. Compiled from U.S. Bureau of the Census tapes.

Table 713.-- IMPORTS AND EXPORTS THROUGH THE HONOLULU CUSTOMS DISTRICT,
BY COMMODITY CLASSIFICATION: 1987

[See headnote to table 711]

Commodity	Imports for consumption	Exports of domestic mdse.
All commodities	1,558,625,780	392,820,689
Animal and vegetable products	94,195,329	44,177,795
Wood and paper; printed matter	25,791,308	10,151,877
Textile fibers and products	40,691,411	1,376,979
Chemicals and related products	363,278,114	50,850,059
Crude petroleum, fuel oils	326,864,454	40,033,443
Other chemicals and related products	36,413,660	10,816,616
Nonmetallic minerals and products	20,550,474	715,863
Metals and metal products	845,503,409	249,818,458
Integrated circuits	444,559,280	1,024,827
Motor vehicles	308,851,723	3,001,691
Aircraft and spacecraft	646,410	168,454,936
Other metals and metal products	91,445,996	77,337,004
Specified miscellaneous products	154,873,003	31,089,769
Special classification provisions	13,742,732	4,639,889

Source: Hawaii State Department of Business and Economic Development, International Services Branch, Hawaii's Foreign Trade 1987, A Statistical Digest (International Business Series No. 53, July 1988), tables 7, 10, 20, and 22.

Table 714.-- FOREIGN-TRADE ZONE NO. 9 OPERATIONS: 1968 TO 1988

[Years ended June 30 through 1976 and September 30 thereafter.
Foreign-Trade Zone No. 9 began operation June 15, 1966]

Fiscal years	Firms using zone	User employ-ment at zone <u>1/</u>	Value of merchandise (\$1,000)		Revenue (dollars)	Expend-itures (dollars)
			In/out	Exports		
1968 ..	82	42	6,279	498	88,060	122,718
1969 ..	94	56	10,078	1,187	120,990	122,628
1970 ..	124	65	11,682	1,850	160,438	156,424
1971 ..	138	57	17,363	3,147	206,159	193,450
1972 ..	132	58	20,648	2,894	289,301	229,379
1973 ..	140	83	23,442	2,775	267,393	260,251
1974 ..	139	113	25,394	6,140	355,737	325,633
1975 ..	148	131	29,828	6,317	463,008	415,371
1976 ..	179	139	24,396	4,576	481,172	429,496
1977 ..	205	145	25,702	3,956	700,470	606,720
1978 ..	191	193	29,095	4,395	835,004	574,044
1979 ..	204	221	34,928	4,450	545,380	568,607
1980 ..	211	263	37,118	6,396	638,961	615,361
1981 ..	186	274	46,188	12,093	750,676	714,750
1982 ..	178	263	52,483	11,957	744,741	780,932
1983 ..	190	203	48,312	11,839	965,590	1,032,675
1984 ..	198	224	46,312	10,596	1,107,107	996,236
1985 ..	229	218	39,376	6,196	1,122,722	1,058,802
1986 ..	302	200	53,890	6,416	1,282,855	1,101,505
1987 ..	400	299	72,951	10,070	1,220,265	1,052,055
1988	386	216	57,241	12,026	1,247,060	1,118,977

1/ For firms occupying facilities on a continuing basis only.

Source: Hawaii State Department of Business and Economic Development, Foreign-Trade Zone No. 9, annual reports and records.

Table 715.-- FOREIGN-TRADE SUBZONE OPERATIONS: 1972 TO 1988

[Years ended June 30 through 1976 and September 30 thereafter.

Foreign-Trade Subzone No. 9-A began operation April 7, 1972; 9-B, Jan. 30, 1986; 9-C, Aug. 1, 1985; 9-D, April 30, 1986]

Subzone and fiscal year	User employment at subzone <u>1/</u>	Merchandise, in/out		Exports	
		Quantity (1,000 short tons)	Value (\$1,000)	Quantity (1,000 short tons)	Value (\$1,000)
No. 9-A:					
1972 ..	45	453.0	9,300	41.1	1,106
1973 ..	73	3,250.0	76,760	1,178.1	33,614
1974 ..	95	3,046.8	156,454	564.0	52,436
1975 ..	(NA)	3,794.6	340,996	707.1	72,003
1976 ..	159	5,755.7	534,023	815.2	80,719
1977 ..	156	6,349.6	608,815	893.2	83,134
1978 ..	139	6,837.5	705,711	1,178.5	117,247
1979 ..	149	6,507.8	862,559	1,070.1	149,646
1980 ..	161	6,408.9	1,471,841	1,184.5	295,528
1981 ..	182	6,188.2	1,728,457	1,396.3	406,084
1982 ..	203	6,781.3	1,758,180	1,952.9	531,437
1983 ..	203	6,944.5	1,491,063	2,047.6	461,298
1984 ..	205	7,405.6	1,348,745	1,995.5	363,698
1985 ..	212	7,680.5	1,450,466	2,075.3	402,568
1986 ..	210	7,717.5	922,289	1,560.0	198,368
1987 ..	213	8,107.9	860,963	1,825.0	196,172
1988	233	8,581.0	865,908	1,782.7	186,034
No. 9-B:					
1986 ..	6	(NA)	448	(NA)	220
1987 ..	7	(NA)	1,556	(NA)	778
1988 ..	17	(NA)	4,724	(NA)	2,372
No. 9-C:					
1986 ..	2,400	(NA)	300,844	(NA)	16,205
1987 ..	2,000	(NA)	267,336	(NA)	15,999
1988 ..	2,071	(NA)	273,652	(NA)	16,518
No. 9-D:					
1986 ..	1,000	(NA)	23,646	(NA)	124
1987 ..	1,250	(NA)	73,988	(NA)	1,756
1988 ..	1,250	(NA)	(NA)	(NA)	(NA)

NA Not available.

1/ For firms occupying facilities on a continuing basis only.

Source: Hawaii State Department of Business and Economic Development, Foreign-Trade Zone No. 9, annual reports and records.

Table 716.-- FOREIGN DIRECT INVESTMENT IN HAWAII: 1983 TO 1986

[Data for Hawaii nonbank affiliates of U.S. business enterprises owned 10 percent or more, directly or indirectly, by a foreign person]

Subject	1983	1984	1985	1986
Gross book value of property, plant, and equipment of affiliates (million dollars)	1,599	1,691	1,777	2,013
Employment, by country of ultimate beneficial owner	16,251	16,548	18,680	18,851
Canada	576	515	535	700
European countries	1,724	2,232	1,591	1,805
Japan	9,695	9,820	11,679	11,420
Latin America	736	807	820	2,077
Other countries	3,520	3,174	4,055	2,849
Land owned (1,000 acres)	102	51	50	52

Source: U.S. Department of Commerce, Bureau of Economic Analysis, "U.S. Affiliates of Foreign Companies: Operations in 1984," Survey of Current Business, October 1986, pp. 31-45; "U.S. Affiliates of Foreign Companies: Operations in 1985," Survey of Current Business, May 1987, pp. 36-51; and "U.S. Affiliates of Foreign Companies: Operations in 1986," Survey of Current Business, May 1988, pp. 59-75.

Table 717.-- EMPLOYMENT AND SHIPMENTS RELATED TO MANUFACTURED EXPORTS: 1983 AND 1984

Subject	1983	1984
Employment related to manufactured exports	4,700	5,400
Percent of civilian employment	1.0	1.2
Manufacturing industries	900	700
Direct export related	500	300
Supporting exports	400	400
Nonmanufacturing industries	3,800	4,700
Trade	3,000	4,000
Other	800	700
Value of export related manufacturers' shipments <u>1/</u>	310.2	414.1
Percent of total manufacturers' shipments	9.1	12.1
Direct exports <u>1/</u>	192.3	304.2
Supporting exports <u>1/</u>	117.9	109.9

1/ Million dollars.

Source: U.S. Bureau of the Census, 1984 Annual Survey of Manufactures, Origin of Exports of Manufactured Products, M84(AS)-5 (August 1987), tables 2 and 3.

Table 718.-- JAPANESE OWNERSHIP OF HOTELS, BY ISLANDS: MARCH 1988

Subject	State total	Ha-waii	Maui	Lanai	Molo-kai	Oahu	Kauai
Number of hotels ...	43	8	4	-	1	28	2
Number of units	19,276	2,384	2,338	-	292	13,453	809
Percent <u>1/</u>	28.7	31.4	17.4	0	51.4	34.0	13.6

1/ Percent of all units, including condominium accommodations in rental pools for transient use.

Source: Hawaii Visitors Bureau, "List of Japanese Owned Hotels in Hawaii (March, 1988)," unpublished tables.

Table 719.-- AGRICULTURAL LANDHOLDINGS OF FOREIGN OWNERS:
DECEMBER 31, 1987

Subject	Amount
Parcels owned by foreigners	46
Individuals	14
Organizations	32
Acres owned by foreigners	52,860
Percent of all privately owned agricultural land ^{1/} ...	2.7
Individuals	543
Organizations	52,317
Value of foreign-owned agricultural land (\$1,000):	
At time of acquisition	53,212
Adjusted current value	38,704

^{1/} The percent for Hawaii ranked third among the 50 States, exceeded only by Maine (9.5 percent) and Oregon (3.4), and well above the national percentage (1.0).

Source: U.S. Department of Agriculture, Economic Research Service, Foreign Ownership of U.S. Agricultural Land Through December 31, 1987 (Staff Report No. AGES 880314, April 1988), pp. 5, 8, and 11.

Table 720.-- FOREIGN INVESTMENTS IN HAWAII, TOTAL AND
 JAPANESE: ANNUALLY, PRE-1970 TO 1987

[In thousands of dollars. Data are estimates based on incomplete reporting, and do not include undisclosed amounts]

Year	Total foreign investments	Investments by Japanese
Total completed	4,684,423	3,733,197
1970 and earlier years	48,770	44,970
1971-1975	452,069	327,869
1976	120,740	55,940
1977	32,200	17,800
1978	44,500	13,500
1979	297,470	165,250
1980	124,485	80,100
1981	108,775	70,800
1982	629,880	489,880
1983	141,176	134,900
1984	202,600	112,000
1985	139,724	120,654
1986	1,130,809	1,087,309
1987	1,211,225	1,012,225
Future investments	1,384,500	1,365,500

Source follows table 722.

Table 721.-- FOREIGN INVESTMENTS IN HAWAII, BY COUNTRY OF INVESTOR:
PRE-1970 TO 1987

[In thousands of dollars. Data are estimates based on incomplete reporting, and do not include undisclosed amounts]

Country of investor	Pre-1970 through 1987	1985	1986	1987
All countries	4,684,423	139,724	1,130,809	1,211,225
Australia	167,800	2,100	34,700	57,900
Bermuda	500	(NA)	-	-
British West Indies	575	-	-	-
Canada	157,370	6,800	300	2,700
Cayman Islands	8,500	-	8,500	(NA)
France	15,900	-	-	-
Hong Kong	231,895	3,070	-	(NA)
Indonesia	82,000	-	-	82,000
Japan	3,733,197	120,654	1,087,309	1,012,225
Korea, Republic of	11,550	2,100	-	(NA)
Netherlands	19,600	-	-	3,400
Netherlands Antilles	17,735	-	-	-
New Zealand	28,000	5,000	-	23,000
Singapore	(NA)	(NA)	-	-
Switzerland	(NA)	-	-	(NA)
Taiwan	13,500	-	(NA)	-
United Arab Emirates	(NA)	-	-	-
United Kingdom	193,801	-	-	30,000
Vanuatu	2,500	-	-	-

NA Not available.
Source follows table 722.

Table 722.-- FOREIGN INVESTMENTS IN HAWAII, BY TYPE OF INVESTMENT:
PRE-1970 TO 1987

[In thousands of dollars. Data are estimates based on incomplete reporting, and do not include undisclosed amounts]

Type of investment	Pre-1970 through 1987		All countries		
	All countries	Japanese investments	1985	1986	1987
All types	4,684,423	3,733,197	139,724	1,130,809	1,211,225
Agriculture.....	32,700	1,800	-	30,000	1,600
Banks	25,519	13,719	-	-	-
Condominiums	591,250	352,850	6,800	2,850	90,800
Golf courses	109,300	109,300	-	41,000	-
Hotels	2,255,770	2,130,320	77,650	894,000	687,870
Manufacturing	45,205	33,705	(NA)	2,800	24,375
Other real estate	1,285,860	939,405	50,050	132,495	357,410
Restaurants	46,045	42,320	(NA)	24,950	11,770
Retailing, wholesaling	65,679	60,404	3,000	2,714	(NA)
Science, education	84,401	7,500	-	-	33,400
Miscellaneous	142,694	41,874	2,224	(NA)	4,000

NA Not available.

Source: Hawaii State Department of Business and Economic Development, International Services Branch, A Listing of Foreign Investments in Hawaii (International Business Series No. 52, December 31, 1987), pp. 65-67, as corrected.

Table 723.-- JAPANESE INVESTMENT IN HAWAII REAL ESTATE, BY LOCATION
AND PROPERTY USE: JANUARY 1987 TO MARCH 1988

[Million dollars]

Location	Amount	Property use	Amount
State total ^{1/}	890	Improved residential	288
		Apartment, hotel	266
Oahu	742	Commercial	131
Honolulu	668	Industrial	20
Waikiki	293	Agricultural	38
Waialae, Kahala	135	Conservation	28
Other	241	Resort/hotel	114
Rest of island	73	Unimproved residential	3
Other islands	148	Unknown	3

^{1/} Other estimates of Japanese investment have been made by Kenneth Leventhal and Company (\$3.3 billion in 1987; see Honolulu Advertiser, April 25, 1988, p. A-7), the Honolulu Advertiser (\$1.4 billion in 1987 and \$1.0 billion in the first half of 1988; see issue of June 27, 1988, pp. A-1, A-4), and DBED (\$1.01 billion in 1987; see present volume, table 720).

Source: University of Hawaii, Hawaii Real Estate Research and Education Center, A Preliminary Statistical Evaluation of Japanese Investment in Hawaii Real Estate: January 1987 to March 1988 (June 8, 1988).

Section 25

COMPARATIVE NATIONAL STATISTICS

This section presents statistics for the United States as a whole, the corresponding figures for Hawaii, and the rank of Hawaii among the 50 states and District of Columbia. The 12 tables in this section contain 365 series, thought to include the most significant or frequently requested types of data for which national comparisons are available. Virtually all of the major subject-matter areas covered in the first 24 sections of the Data Book are represented. The comparisons include totals, averages, medians, percentages, and rates.

Ranked against other jurisdictions, Hawaii was first in 23 comparisons, second in 14, last in 7, and second last in 16. Hawaii ranked 39th in population, first in life expectancy, 11th in public school pupil-teacher ratio, 16th in crime rate, 47th in land area, 14th in percent of land owned by the Federal government, 27th in visitor expenditures, 47th in votes cast as a percent of voting-age population, 14th in State and local government expenditures per capita, 27th in defense spending, 25th in public aid recipients relative to population, 11th in female labor force participation rate, 15th in per capita personal income, 6th in family living costs (based on data for 100 metropolitan areas), 37th in bank deposits, 28th in commercial television stations, 44th in energy consumption per capita, 50th in highway mileage, first in volume of crop marketings for pineapple, macadamia nuts, and bananas, 17th in value of fish catch, 49th in percent of housing units owner occupied, 45th in value added by manufacture, 16th in retail sales per capita, 9th in hotel receipts, and 8th in percent of business establishments foreign owned.

High ranks do not necessarily mean favorable scores, nor low ranks unfavorable scores. Hawaii was first (highest) in expectation of life at birth and 50th (second lowest) in crude death rate, for example, but both were highly desirable positions.

When Hawaii shared the same rank with other jurisdictions, the next lower rank (or ranks) was omitted. Although most comparisons were for 51 areas (50 states and the District of Columbia), some ranked Honolulu against other large metropolitan areas, and a few were based on other groupings. Variations in comparison groups are noted in the stubs.

Some of the values shown for Hawaii in this section differ from the corresponding figures given elsewhere in the Data Book, because of differences in sources or subsequent revisions in data.

This section was taken from other tables in this edition or their underlying sources, Statistical Abstract of the United States: 1988, pp. xvii-xxvi, and State and Metropolitan Area Data Book, 1986, table 1. Historical data on state rankings are not readily available for most series.

Table 724.-- POPULATION, VITAL STATISTICS, AND HEALTH

Subject	United States	Hawaii	
		Number	Rank
Resident population, 1987 (1,000)	243,400	1,083	39
Percent change in resident population, 1980-1987	7.4	12.2	12
Resident population per square mile, 1987	69	168	13
Percent of population in metro areas, 1986	76.6	76.9	18
Males per 100 females, 1987	94.9	104.0	3
Resident population, percent 5 to 17 years, 1987	18.6	18.2	35
Resident population, percent 65 years and over, 1987 ...	12.3	10.1	44
Median age of population, 1987 (years)	32.1	31.5	35
Resident population, by selected races, 1980:			
White, percent of population	83.1	33.0	50
Black, percent of population	11.7	1.8	38
Asian and Pacific Islander, percent of population	4.5	64.9	1
Pct. married of persons 15 years old and over, 1980:			
Male	60.1	55.2	50
Female	54.8	56.8	22
Households, 1987 (1,000)	90,031	345	43
Persons per household, 1987	2.64	3.02	2
One-person households, percent of all households, 1980 .	22.7	17.1	51
Births per 1,000 population, 1985	15.8	17.4	10
Percent of births to teenage mothers, 1985	12.7	9.8	39
Percent of births to unmarried women, 1985	22.0	19.9	23
Deaths per 1,000 population, 1985	8.7	5.5	49
Abortions per 1,000 women 15-44, 1985	28.0	43.7	3
Infant mortality per 1,000 births, 1985	10.6	8.8	45
Deaths per 100,000 population, by cause, 1985:			
Diseases of the heart	323.0	177.8	50
Malignant neoplasms	193.3	137.4	46
Cerebrovascular diseases	64.1	41.3	45
Accidents and adverse effects	39.1	26.6	51
Average life expectancy, 1979-1981 (years)	73.88	77.02	1
Marriages per 1,000 population, 1986	10.0	15.3	3
Divorces per 1,000 population, 1986	4.8	4.3	31
Per capita personal health care expend., 1982 (dollars)	1,220	1,228	17
Average daily hospital room charge, 1987 (dollars)	244	267	7
Hospital beds per 100,000 population, 1985	548	390	47
Hospital occupancy rate, 1985	69.5	76.7	7
Physicians per 100,000 population, 1985	204	215	10
Dentists per 100,000 population, 1984	57	65	12

Table 725.-- EDUCATION AND LAW ENFORCEMENT

Subject	United States	Hawaii	
		Number	Rank
Elementary and secondary schools:			
Public, 1984-1985	84,007	230	49
Private, 1980-1981	20,764	114	34
Elementary and secondary school enrollment (1,000):			
Public, Fall 1985	39,513	164	40
Private, 1980-1981	4,962	37	31
Elementary and secondary school teachers (1,000):			
Public, 1986-1987	2,233	8.4	43
Private, 1980-1981	277.4	2.1	31
Public school enrollment, percent of persons 5-17 years old, Fall 1985	87.9	82.8	45
Percent change in public school enrollment, 1980-1985 ..	-3.6	-0.6	16
Pupil-teacher ratio in public schools, 1983-1984	18.45	20.06	11
Public school expenditures, 1986-1987 (mil. dol.)	160,479	705	41
Per student in daily attendance (dollars)	3,970	4,372	13
Per capita (dollars)	666	664	24
Scholastic Aptitude Test scores, 50 States, 1985-1986:			
Verbal	431	403	47
Math	475	477	33
High school graduates as percent of persons 25 years and older, 1980	66.5	73.8	9
Public high school graduates, 1987 (1,000)	2,377.2	9.9	43
Average annual public teacher's salary, 1987 (dollars) .	26,551	26,815	19
Higher education enrollment, Fall 1985 (1,000)	12,247	50	42
College graduates as percent of persons 25 and older, 1980	16.3	20.3	5
Degrees conferred, 1983-1984:			
Bachelor's	974,309	3,370	46
Master's	284,263	1,008	41
Doctorate	33,209	101	40
Average monthly earnings of full-time instructional personnel of public institutions of higher education, October 1985 (dollars)	2,990	2,777	30
Crime rate per 100,000 population, 1986	5,480	5,671	16
Violent crime rates	617.3	245.2	42
Property crimes	4,863	5,426	14
Marijuana harvest, 1987 (billion dollars)	33	1.33	6
Federal and State prisoners per 100,000 population, 1986	226.8	205.3	23
Expenditures per capita for criminal justice activities, 1985 (dollars)	181	200	12
Population per lawyer, 1985	360	373	38

Table 726.-- GEOGRAPHY, ENVIRONMENT, LAND USE, AND LAND OWNERSHIP

Subject	United States	Hawaii	
		Number	Rank
Year admitted to statehood, 50 States	(X)	1959	50
General coastline (statute miles)	12,383	750	4
Land area, 1980 (1,000 square miles)	3,539.3	6.4	47
Highest point (feet)	20,320	13,796	6
Approximate mean elevation (feet)	2,500	3,030	10
Water withdrawal per capita, 1985 (gallons per day), fresh	1,400	1,100	31
Ground water withdrawal, percent of daily total, 1980 ..	19.9	32.0	11
Environmental quality score, 1988	<u>1</u> / 29	38	10
Air pollutant emissions, 1982 (1,000 tons):			
Carbon monoxide	88,440	342	43
Nitrogen oxides	22,929	63	47
Particulates	40,661	55	48
Normal daily mean temperature, 69 cities including Honolulu, 1951-1980 (degrees Fahrenheit):			
January	32.5	72.6	1
July	75.2	80.1	15
Annual average	54.5	77.0	1
Temperature of record, 69 cities including Honolulu, 1951-1985 (degrees Fahrenheit):			
Highest temperature	105	94	68
Lowest temperature	-13	53	69
Normal annual precipitation, 69 cities including Hono- lulu, 1951-1980 (inches)	34.72	23.47	55
Average number of days with precipitation of .01 inch or more, 69 cities including Honolulu, 1951-1985	113	100	52
Average percentage of possible sunshine, 69 cities inc- luding Honolulu, 1951-1985	59	67	9
Average wind speed, 69 cities including Honolulu, 1951- 1985 (miles per hour)	9.4	11.6	7
Land owned by federal government, percent of total land area, 1986	32.0	16.7	14
Urban land acreage per capita, 1980	0.28	0.21	46

X Not applicable.

1/ Median State.

Table 727.-- RECREATION, TOURISM, AND ELECTIONS

Subject	United States	Hawaii	
		Number	Rank
Foreign visitor arrivals, 1983 (1,000)	21,707	1,423	5
Visitor expenditures, 1984 (million dollars)	411,350	4,620	27
Foreign visitor expenditures, 1983 (million dollars) ..	13,772	1,172	4
Economic impact of foreign visitors, 1983:			
Payroll (million dollars)	3,066	305	4
Employment	312,800	28,800	4
Tax revenues (million dollars)	1,647	127	4
Domestic travel expenditures, 1985 (million dollars) ...	242,443	2,781	17
Economic impact of domestic visitors, 1984:			
Business receipts (million dollars)	215,978	2,445	27
Payroll (million dollars)	47,195	605	24
Employment (1,000)	4,493.0	52.6	28
Tax revenues (million dollars)	27,450	252	28
State travel budgets, 50 States, FY 1986-1987 (\$1,000) .	234,170	8,464	8
National Park System acreage, FY 1984 (1,000 acres)	74,898	245	17
State parks and recreation acreage, 50 States, FY 1986 (1,000 acres)	13,726	25	46
Paid license holders, FY 1987 50 States (1,000):			
Fishing	30,350	8.4	50
Hunting	15,819	12.1	50
Passports issued, 1983 (1,000)	4,121.5	37.6	27
Per capita State appropriations for State arts agencies, 1987 (dollars)	0.92	2.17	5
Number of local governments, 1987	83,166	18	50
Voting-age population, 1988 (1,000)	182,628	824	39
Popular vote cast for President, 1984 (1,000)	92,653	336	43
Vote cast, percent of voting-age population	53.1	44.3	47
Percent voting for Republican party	58.8	55.1	41
Vote cast for U.S. Representatives, 1986 (1,000)	59,619	331	40
Percent voting for Democratic party	54.6	56.4	25