

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 \$645 million in 1974 to \$1.6 billion in 1984. Exports to foreign countries amounted to only \$115 million in 1974, but by 1984 reached \$316 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 \$1.3 billion in 1970 to \$4.9 billion in 1983. Estimates of the value of merchandise shipped to the Mainland are no longer available.

Among the foreign nations, Hawaii's leading trading partners in 1984 were Indonesia for imports and Taiwan for exports. Imports from Indonesia amounted to \$373 million, or 2.3 percent of the total, while exports to Taiwan reached \$64 million or 20 percent of all foreign exports. About 57 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 \$46 million in fiscal 1984. Merchandise handled by Subzone No. 9A, the PRI refinery, was valued at \$1.3 billion, almost all of it in petroleum and petroleum products.

Foreign-owned U.S. firms in Hawaii operated 276 establishments in 1982, and employed 14,000 persons with an annual payroll of \$198 million. Foreign investments in Hawaii between 1959 and 1984 exceeded \$2.2 billion.

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 Subzone No. 9A, and the International Services Branch of the Hawaii State Department of Planning and Economic Development. Further information appears in 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 31 of Statistical Abstract of the United States: 1985. Long-term Island trends are summarized in Historical Statistics of Hawaii, Section 21.

Table 661.-- INTERSTATE AND FOREIGN TRADE: 1958 TO 1983

[Merchandise imports and exports, foreign and domestic, in millions of current dollars]

Year	Merchandise imports					Merchandise exports, total ^{1/}
	Total	Domestic			Foreign	
		Total	Waterborne	Air		
1958	459.2	425.8	340.0	85.8	33.4	253.2
1959	499.4	465.2	379.3	85.9	34.2	276.1
1960	587.2	540.3	452.7	87.6	46.9	263.8
1961	571.8	512.4	425.3	87.1	59.3	281.5
1962	568.4	499.7	413.7	86.0	68.7	293.7
1963	644.2	569.6	482.8	86.9	74.6	334.4
1964	676.4	590.3	502.6	87.6	86.1	321.5
1965	1,189.9	1,093.2	1,004.5	88.6	96.8	331.6
1966	962.6	857.5	767.7	89.8	105.1	351.2
1967	848.5	723.4	631.3	92.0	125.1	372.7
1968	996.0	853.4	759.0	94.4	142.6	377.7
1969	1,045.3	874.3	775.8	98.5	171.0	326.2
1970	1,431.5	1,256.8	1,172.5	84.3	174.7	358.6
1971	1,258.1	1,034.6	888.7	145.9	223.6	431.8
1972	1,462.5	1,218.8	1,082.2	136.6	243.7	371.8
1973	1,892.9	1,578.0	1,460.1	117.9	314.9	570.6
1974	2,510.0	1,962.9	1,825.0	137.8	547.2	1,036.3
1975	2,843.0	2,044.8	1,872.8	172.0	798.2	874.3
1976	3,310.8	2,488.8	2,269.2	219.5	822.0	879.6
1977	3,792.1	2,885.1	2,648.3	236.8	907.1	936.5
1978	3,973.1	2,967.9	2,716.9	251.0	1,005.2	1,032.8
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	1,562.4
1981	6,241.3	4,716.1	4,500.2	215.9	1,525.2	1,289.1
1982	5,808.9	4,575.4	(NA)	231.6	1,233.5	1,274.4
1983	6,243.7	4,878.2	(NA)	(NA)	1,365.5	1,439.2

1/ Not available separately for foreign and domestic exports.

Source: Hawaii State Department of Planning and Economic Development, Hawaii's Income and Expenditure Accounts: 1958-1983 (October 1985).

Table 662.-- FOREIGN TRADE THROUGH THE HONOLULU CUSTOMS DISTRICT:
1974 TO 1984

[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>
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

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, Highlights of U.S. Export and Import Trade, FT 990, cumulative totals in December issues.

Table 663.-- FOREIGN TRADE THROUGH THE HONOLULU CUSTOMS DISTRICT, BY METHOD OF TRANSPORTATION: 1984

[See headnote to preceding table]

Category and method of transportation	Value ^{1/} (million dollars)	Shipping weight (million pounds)
General imports, all methods ^{2/}	1,614.2	(NA)
Vessel	999.0	6,285.5
Air	724.2	31.7
Imports for consumption, all methods ^{3/}	1,397.9	(NA)
Exports, all methods ^{2/}	316.9	(NA)
Vessel	144.3	1,373.7
Air	108.8	22.5

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 1984, tables A-6, C-10, and C-11.

Table 664.-- FIREWORKS IMPORTED INTO THE HONOLULU CUSTOMS DISTRICT: 1980 TO 1984

Year	Pounds	Value (dollars)
1980	1,654,953	2,059,943
1981	1,156,260	1,571,283
1982	871,304	1,210,675
1983	76,537	101,438
1984	458,197	728,892

Source: U.S. Bureau of the Census, Foreign Trade Statistics, IA 253 (annual tabulations, 1980-1982) and IA 245-X (1983 and 1984).

Table 665.-- IMPORTS AND EXPORTS THROUGH THE HONOLULU CUSTOMS DISTRICT,
BY REGION OF ORIGIN OR DESTINATION: 1983 AND 1984

[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	
	1983	1984	1983	1984
All regions	1,827,978,905	1,614,157,805	203,322,156	316,882,059
North America ^{1/}	26,766,209	24,623,911	10,942,958	13,145,181
Latin America ^{2/}	33,895,168	19,504,441	5,246,149	1,439,331
Europe	93,827,196	105,839,232	4,175,719	1,627,408
Asia	1,606,338,743	1,307,837,312	121,884,940	201,399,427
Australia and Oceania ...	66,320,325	156,105,230	60,679,848	99,183,487
Africa	831,264	247,679	392,542	87,225

^{1/} Excluding Latin America.

^{2/} Includes Central and South America, Bermuda, and the Caribbean.

Source: Hawaii State Department of Planning and Economic Development, International Services Branch, Hawaii's Foreign Trade, A Statistical Digest (annual).

Table 666.-- IMPORTS AND EXPORTS THROUGH THE HONOLULU CUSTOMS DISTRICT,
BY COUNTRY OF ORIGIN OR DESTINATION: 1984

[See headnote to preceding table]

Country <u>1/</u>	Total	Imports for consumption	Exports of domestic merchandise
All countries	1,931,039,864	1,614,157,805	316,882,059
Japan	418,660,218	364,009,818	54,650,400
Indonesia	386,484,274	373,073,428	13,410,846
Taiwan (Republic of China) ..	209,307,330	145,229,818	64,077,512
Singapore	204,602,456	202,993,865	1,608,591
Australia	182,027,497	127,627,209	54,400,288
Philippines	76,959,173	76,053,444	905,729
Malaysia	61,033,189	60,995,929	37,260
Korea, Republic of	57,996,125	41,183,267	16,812,858
China, People's Republic of .	51,439,371	5,987,873	45,451,498
New Zealand	38,601,310	25,274,822	13,326,488
Canada	37,769,092	24,623,911	13,145,181
France	36,759,966	36,721,681	38,285
Hong Kong	34,018,695	30,653,605	3,365,090
Italy	19,674,530	19,224,306	450,224
Trust Territory of the Pacific Islands	17,938,723	682,640	17,256,083
United Kingdom	14,998,707	14,763,452	235,255
West Germany	11,005,985	10,978,422	27,563
Switzerland and Liechtenstein	10,350,494	10,331,105	19,389
Netherlands Antilles	7,570,615	7,570,615	-
Papua New Guinea	7,381,053	220,013	7,161,040
Venezuela	6,541,787	6,489,132	52,655
Denmark	5,864,238	5,860,571	3,667
Other Pacific Islands <u>2/</u>	5,538,125	238,390	5,299,735
Thailand	3,889,625	3,150,698	738,927
Bahamas	2,896,052	2,798,303	97,749

1/ Shown separately for the 25 leading countries in total foreign trade through the District.

2/ Excludes Pacific islands listed above, and also French Pacific islands, British Pacific islands, and Western Samoa.

Source: Hawaii State Department of Planning and Economic Development, International Services Branch, Hawaii's Foreign Trade 1984, A Statistical Digest, International Business Series No. 41 (August 1985), p. 2.

Table 667.-- IMPORTS AND EXPORTS OF PETROLEUM, NATURAL GAS, AND PRODUCTS THEREOF THROUGH THE HONOLULU CUSTOMS DISTRICT, BY COUNTRY OF ORIGIN OR DESTINATION: 1984

[See headnote to table 665]

Country ^{1/}	Dollars
IMPORTS	
All countries	519,462,096
Indonesia	371,319,704
Australia	108,866,421
Malaysia	22,443,684
Netherlands Antilles	7,570,615
Venezuela	6,457,457
EXPORTS	
All countries	92,242,539
Taiwan (Republic of China)	61,547,096
Japan	14,360,862
Korea, Republic of	8,157,894
Papua New Guinea	6,944,887
Hong Kong	612,553

^{1/} Shown separately for the five leading countries in each category.

Source: Hawaii State Department of Planning and Economic Development, International Services Branch, Hawaii's Foreign Trade 1984, A Statistical Digest (International Business Series No. 41, August 1985), pp. 18 and 27.

Table 668.-- IMPORTS OF MONOLITHIC INTEGRATED CIRCUITS THROUGH THE HONOLULU CUSTOMS DISTRICT, BY COUNTRY OF ORIGIN: 1984

[See headnote to table 665]

Country <u>1/</u>	Dollars
All countries	398,834,867
Singapore	193,453,125
Taiwan (Republic of China)	92,995,933
Philippines	56,218,877
Malaysia	33,837,028
Republic of Korea	12,081,698

1/ Shown separately for the five leading countries.

Source: Hawaii State Department of Planning and Economic Development, International Services Branch, Hawaii's Foreign Trade 1984, A Statistical Digest (International Business Series No. 41, August 1985), p. 19.

Table 669.-- EXPORTS OF AIRCRAFT AND SPACECRAFT, BY COUNTRY OF DESTINATION: 1984

[See headnote to table 665]

Country <u>1/</u>	Dollars
All countries	73,545,218
China, People's Republic of	39,462,618
Indonesia	13,292,858
Australia	9,160,550
New Zealand	5,349,647
Japan	3,265,300

1/ Shown separately for the five leading countries.

Source: Hawaii State Department of Planning and Economic Development, International Services Branch, Hawaii's Foreign Trade 1984, A Statistical Digest (International Business Series No. 41, August 1985), p. 28.

Table 670.-- IMPORTS AND EXPORTS THROUGH THE HONOLULU CUSTOMS DISTRICT,
BY COMMODITY CLASSIFICATION: 1984

[See headnote to table 665]

Commodity	Imports for consumption	Exports of domestic mdse.
All commodities	1,614,157,805	316,882,059
Animal and vegetable products	100,338,791	33,976,448
Wood and paper; printed matter	23,793,525	5,578,162
Textile fibers and products	31,949,656	1,455,501
Chemicals and related products	535,930,153	97,750,382
Petroleum, natural gas, and products derived therefrom	519,462,096	92,242,539
Other chemicals and related products	16,468,057	5,507,843
Nonmetallic minerals and products	18,456,353	465,323
Metals and metal products	741,908,832	139,100,343
Integrated circuits	398,901,163	299,040
Motor vehicles	207,484,225	1,774,647
Aircraft and spacecraft	7,330,779	73,545,218
Other metals and metal products	128,192,665	63,481,438
Specified miscellaneous products	147,072,450	32,556,230
Special classification provisions	14,214,594	5,999,670
Temporary provisions	493,451	-

Source: Hawaii State Department of Planning and Economic Development, International Services Branch, Hawaii's Foreign Trade 1984, A Statistical Digest (International Business Series No. 41, August 1985), pp. 13-17 and 22-26.

Table 671.-- FOREIGN-TRADE ZONE NO. 9 OPERATIONS: 1968 TO 1985

[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

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

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

Table 672.-- FOREIGN-TRADE SUBZONE NO. 9A OPERATIONS: 1972 TO 1985

[Years ended June 30 through 1976 and September 30 thereafter.
Foreign-Trade Subzone No. 9A began operation April 7, 1972]

Fiscal years	User employment at sub-zone <u>1/</u>	Merchandise, in/out		Exports	
		Quantity (1,000 short tons)	Value (\$1,000)	Quantity (1,000 short tons)	Value (\$1,000)
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

NA Not available.

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

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

Table 673.-- CHARACTERISTICS OF ESTABLISHMENTS OF FOREIGN-OWNED U.S. FIRMS
IN HAWAII: 1980 TO 1982

Kind of establishment and year	Firms	Establish- ments	Employ- ment	Payroll, annual (\$1,000)
All foreign-owned firms:				
1980	91	263	11,738	157,084
1981	97	276	12,495	175,501
1982	100	276	14,036	198,470
Manufacturing:				
1980 .....	...	14	723	14,055
1981 .....	...	10	728	16,293
1982 .....	...	10	620	14,017
Nonmanufacturing:				
1980 .....	...	249	11,015	143,029
1981 .....	...	266	11,767	159,208
1982 .....	...	266	13,416	184,453

Source: U.S. Bureau of the Census, Selected Characteristics of Foreign-Owned U.S. Firms: 1980, Series FOF, No. 4 (June 1982), Selected Characteristics of Foreign-Owned U.S. Firms: 1981, Series FOF, No. 5 (March 1983), and Selected Characteristics of Foreign-Owned U.S. Firms: 1982, Series FOF, No. 6 (April 1984).

Table 674.-- FOREIGN DIRECT INVESTMENT IN HAWAII: 1980 TO 1982

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

Subject	1980	1981	1982
Number of affiliates:			
With property, plant, and equipment	179	(NA)	(NA)
With employment	173	(NA)	(NA)
Gross book value of property, plant, and equipment of affiliates (million dollars)			
Japanese-owned	1,020	(D)	(D)
Others	565	(D)	(D)
Others	455	(D)	(D)
Employment, by country of ultimate beneficial owner	15,509	16,996	15,425
Canada	745	676	573
European countries	1,498	1,555	1,534
Japan	9,034	9,097	9,177
Other countries	4,232	5,668	4,141
Wages and salaries of affiliates (million dollars)	173	(NA)	(NA)
Japanese-owned	83	(NA)	(NA)
Others	90	(NA)	(NA)
Land owned (1,000 acres)	96	111	109

D Withheld to avoid disclosure of data for individual companies.

NA Not available.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, Foreign Direct Investment in the United States, 1980 (October 1983), pp. 74, 84, 119, 122, and 127; "U.S. Affiliates of Foreign Companies: Operations in 1981," Survey of Current Business, November 1983, pp. 19-34; and "U.S. Affiliates of Foreign Companies: Operations in 1982," Survey of Current Business, December 1984, pp. 26-40.

Table 675.-- EMPLOYMENT RELATED TO MANUFACTURED EXPORTS: 1977, 1980 AND 1981

Subject	1977	1980	1981
Employment related to manufactured exports, total	2,700	6,100	6,400
Manufacturing industries	700	1,100	1,200
Nonmanufacturing industries	2,000	5,000	5,200
Employment related to manufactured exports as percent of --			
Total civilian employment	0.7	1.7	1.5
Total private sector employment	1.0	2.0	1.9

Source: U.S. Bureau of the Census, 1977 Census of Manufactures, Origin of Exports of Manufactured Products, MC77-SR-12 (June 1981), table 2a, and 1981 Annual Survey of Manufactures, Origin of Exports of Manufactured Products (Including revised 1980 data), M81(AS)-5 (May 1983), pp. 14-15.

Table 676.-- AGRICULTURAL LANDHOLDINGS OF FOREIGN OWNERS:
OCTOBER 8, 1984

Subject	Amount
Parcels owned by foreigners	57
Individuals	24
Organizations	33
Acres owned by foreigners	59,812
Percent of all privately owned agricultural land ^{1/} ...	3.0
Individuals	7,315
Organizations	52,497
Value of foreign-owned agricultural land (\$1,000):	
At time of acquisition	51,653
Adjusted current value	54,355

^{1/} The percent for Hawaii ranked fourth among the 50 States, exceeded only by Maine (15.5 percent), Georgia (3.4), and South Carolina (3.3), and well above the national percentage (1.1).

Source: U.S. Department of Agriculture, Economic Research Service, Foreign Ownership of U.S. Agricultural Land Through December 31, 1984 (Staff Report No. AGES 850320, April 1985), pp. 6, 9, and 12.

Table 677.-- FOREIGN INVESTMENTS IN HAWAII, TOTAL AND
 JAPANESE: ANNUALLY, 1959 TO 1984

[In thousands of dollars. Estimates based on incomplete
 reporting]

Year	Total foreign investments	Investments by Japanese
Total completed	2,263,532	1,578,276
1970 and earlier years	53,220	48,020
1971	8,300	8,300
1972	97,167	95,717
1973	163,935	91,635
1974	175,134	139,684
1975	27,250	12,250
1976	70,740	55,940
1977	32,200	17,800
1978	94,500	13,500
1979	308,570	165,250
1980	139,485	80,100
1981	100,525	62,300
1982	628,730	489,880
1983	215,676	196,900
1984, to August	148,100	101,000
Future completions	257,300	124,500

Source follows next table.

Table 678.-- FOREIGN INVESTMENTS IN HAWAII, BY COUNTRY OF INVESTOR AND TYPE OF INVESTMENT: CUMULATIVE, 1959 TO 1984

[In thousands of dollars. Estimates based on incomplete reporting]

Country of investor and type of investment	Amount
Cumulative total ^{1/}	2,263,532
Country of investor:	
Australia	42,600
Bermuda	15,000
British West Indies	575
Canada	160,220
France	15,900
Hong Kong	226,425
Japan	1,578,276
Korea	9,450
Netherlands	(NA)
Netherlands Antilles	34,285
New Herbrides (Vanuatu)	2,500
New Zealand	(NA)
Taiwan	13,500
United Kingdom	164,801
Type of investment:	
Agriculture	1,100
Banks	56,419
Condominiums	450,800
Golf courses	39,267
Hotels	634,000
Manufacturing	18,030
Other real estate	770,605
Restaurants	9,325
Retailing and wholesaling	75,265
Science and education	51,001
Miscellaneous	157,720

NA Not available.

^{1/} Excludes \$257.3 million in projects to be completed after August 1984.

Source: Hawaii State Department of Planning and Economic Development, International Services Branch, A Listing of Foreign Investments in Hawaii (International Business Series No. 39, October 1984).