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Section 24

FOREIGN AND INTERSTATE COMMERCE

This section includes data on the flow of goods and services between Hawaii and the rest of the world, and on investment by foreign countries.

Sources for statistics on interstate and foreign commerce, and on foreign investment include the U.S. Department of Agriculture, the U.S. Census Bureau, the U.S. Bureau of Economic Analysis, the Hawaii State Department of Business, Economic Development & Tourism's Foreign Trade Zone No. 9 and its subzones. Additional information is found in waterborne cargo data compiled by the U.S. Army Corps of Engineers in Section 18.

Comparable data for the nation as a whole appear in Section 28 of the *Statistical Abstract of the United States: 2012*. Long-term island trends are summarized in *Historical Statistics of Hawaii*, Section 21.

Table 24.01-- FOREIGN TRADE THROUGH THE HAWAII CUSTOMS DISTRICT: 2000 TO 2023

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

Year	General imports 1/	Imports for consumption 1/	Exports of domestic and foreign merchandise 2/		
			Total through Hawaii	Origin of movement 3/	Location of exporter 4/
2000	3,440	2,876	703	387	369
2001	2,606	2,285	631	370	319
2002	2,480	2,130	2,692	514	392
2003	2,428	2,021	2,522	368	(NA)
2004	2,795	2,236	1,754	405	(NA)
2005	3,701	2,919	2,416	1,028	(NA)
2006	4,853	4,172	3,216	706	(NA)
2007	5,208	4,234	4,761	560	(NA)
2008	5,980	5,108	7,579	964	(NA)
2009	3,752	3,198	5,775	562	(NA)
2010	4,583	4,200	7,398	685	(NA)
2011	5,652	4,983	7,452	909	(NA)
2012	6,478	5,704	9,747	726	(NA)
2013	5,600	5,219	11,429	598	(NA)
2014	4,971	4,012	12,560	1,452	(NA)
2015	4,052	3,570	13,914	1,896	(NA)
2016	3,139	2,750	10,276	1,239	(NA)
2017	3,848	3,271	11,803	938	(NA)
2018	4,447	4,162	11,958	647	(NA)
2019	4,437	4,058	3,487	447	(NA)
2020	6,129	6,104	1,422	320	(NA)
2021	(NA)	(NA)	(NA)	339	(NA)
2022	(NA)	(NA)	(NA)	703	(NA)
2023	(NA)	(NA)	(NA)	570	(NA)

NA Not available.

1/ Customs value basis.

2/ Totals are on F.A.S. (free alongside ship) basis.

3/ Includes merchandise exports originated in Hawaii and exported through other customs districts. This methodology is based on an "Origin of Movement" which is designed to measure the transportation origin of exports, i.e. the state from which an export product began its journey to the port of exit.

4/ Not available before 1993 nor after 2002. The methodology is based on "Location of Exporter" (EL) which tracks the sales origin of exports and is best suited for export promotion or marketing purposes. Effective with the January 2003 statistics, the EL series was discontinued.

Source: U.S. Census Bureau, *U.S. Merchandise Trade: Selected Highlights, FT920*, December issue 2000 to 2020, and 2004 to 2020 <http://www.census.gov/foreign-trade/Press-Release/ft920_index.html> accessed May 3, 2021; *U.S. Merchandise Trade, FT900 Supplement*, December issue 2000 to 2023 <<https://www.census.gov/foreign-trade/data/index.html>> accessed February 7, 2024; U.S. Census Bureau, *Statistical Abstract of the United States* (annual) and records.

**Table 24.02-- FOREIGN TRADE THROUGH THE HAWAII CUSTOMS DISTRICT,
BY CLASSIFICATION: 2018 TO 2023**

[In millions of dollars]

Classification	2018	2019	2020	2021	2022	2023
General imports by district of entry						
Customs value 1/	4,446.5	4,437.0	6,129.1	(NA)	(NA)	(NA)
C.I.F. value 2/	4,655.3	4,672.1	6,322.0	(NA)	(NA)	(NA)
Gen. imports by district of unlading						
Customs value 1/	7,671.3	6,902.1	7,015.3	(NA)	(NA)	(NA)
C.I.F. value 2/	7,997.7	7,222.0	7,220.6	(NA)	(NA)	(NA)
Gen. imports by state of destination						
Commodities	4,526.0	3,784.3	1,934.1	(NA)	(NA)	(NA)
Manufactured commodities	1,921.1	1,999.3	1,143.7	(NA)	(NA)	(NA)
Non-manufactured commodities	2,604.9	1,785.0	790.4	(NA)	(NA)	(NA)
Imports for consumption by district of entry (customs value 1/)						
Duty free value	4,162.3	4,057.9	6,104.2	(NA)	(NA)	(NA)
Dutiable value	1,296.3	1,261.6	4,154.3	(NA)	(NA)	(NA)
Dutiable value	2,866.0	2,796.3	1,949.9	(NA)	(NA)	(NA)
Exports of domestic & foreign merchandise by dist. of export (F.A.S. value 3/)	11,958.0	3,487.1	1,422.2	(NA)	(NA)	(NA)
Exports of merchandise by origin of movement 4/						
Commodities	646.9	446.7	319.6	339.1	703.1	570.1
Manufactured commodities	605.2	397.7	271.2	253.1	312.3	412.7
Non-manufactured commodities	452.2	273.5	134.2	104.4	148.8	272.4
Re-exports	153.0	124.2	137.0	148.7	163.5	140.3
Re-exports	41.7	49.0	48.3	85.9	390.8	157.5

NA Not available.

1/ Prices paid by the buyer to the seller in accordance with 1979 Trade Agreement Act amendments to the 1930 Tariff Act.

2/ Cost, insurance and freight.

3/ Free alongside ship (F.A.S.) value at U.S. port of export, based on transaction price, including inland freight, insurance, and other charges; excludes cost of loading merchandise aboard exporting carrier and also excludes freight, insurance, etc. beyond U.S. port of export.

4/ Based on the North American Industry Classification System (NAICS). Includes merchandise exports originated in Hawaii and exported through other customs districts. Exports are by "point of origin" of their journey to export, a transportation not production basis. The U.S. Census Bureau discontinued the state export series based on the exporter location after the December 2002 estimates.

Source: U.S. Census Bureau, *U.S. Merchandise Trade: Selected Highlights, FT920*, December issue (annual) <http://www.census.gov/foreign-trade/Press-Release/ft920_index.html> accessed May 3, 2021 and

U.S. Merchandise Trade, FT900 Supplement, December issue (annual)

<<https://www.census.gov/foreign-trade/data/index.html>> accessed February 7, 2024; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 24.03-- FOREIGN TRADE THROUGH THE HAWAII CUSTOMS DISTRICT,
BY METHOD OF TRANSPORTATION: 2007 TO 2020**

[Data may include imports intended for consumption on the Mainland and exports originated on the Mainland]

Category and year	Value (million dollars)			Shipping weight (mil. kgs.)	
	Total 1/	Vessel	Air	Vessel	Air
General imports 2/					
2007	7,198.8	4,731.5	2,321.9	9,131.4	32.8
2008	7,564.9	5,589.5	1,891.1	7,955.9	25.6
2009	5,016.1	3,288.8	1,493.8	7,542.3	23.6
2010	6,870.9	3,949.9	2,554.9	7,062.1	31.6
2011	7,565.3	5,238.6	2,206.1	7,190.8	24.7
2012	8,557.5	5,802.9	2,398.1	7,174.9	30.6
2013	7,967.7	5,053.0	2,696.8	6,492.7	34.0
2014	8,115.4	4,265.0	3,484.8	5,903.4	44.2
2015	7,098.6	3,348.0	3,425.8	6,569.1	47.2
2016	6,049.0	2,526.7	3,312.2	6,519.6	45.1
2017	7,229.7	3,208.0	3,847.0	7,311.8	57.6
2018	7,671.3	3,700.6	3,833.9	6,710.2	54.1
2019	6,902.1	3,501.0	3,332.8	6,144.4	42.8
2020	7,015.3	2,079.5	4,731.9	4,796.5	21.6
Exports 3/					
2007	4,760.5	344.1	900.0	636.4	15.1
2008	7,579.1	377.8	995.4	583.5	14.8
2009	5,775.3	211.2	738.9	478.1	16.3
2010	7,398.1	259.7	1,138.9	467.0	21.8
2011	7,451.6	286.0	1,322.7	482.2	26.9
2012	9,746.9	263.7	2,055.4	455.3	27.3
2013	11,428.7	281.7	1,635.7	469.0	28.1
2014	12,559.7	791.4	2,516.9	1,093.1	28.6
2015	13,913.5	459.5	2,755.4	1,049.9	30.1
2016	10,275.6	312.6	2,184.0	837.1	27.8
2017	11,802.5	378.8	2,192.7	920.9	25.4
2018	11,958.0	449.9	1,548.9	941.4	26.6
2019	3,487.1	289.4	2,065.5	599.8	22.0
2020	1,422.2	168.1	1,120.0	364.2	10.5

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

2/ By district of unloading. Value is on customs value basis.

3/ Domestic and foreign merchandise, by district of export. Value is on F.A.S. (free alongside ship) basis.

Source: U.S. Census Bureau, *U.S. Merchandise Trade: Selected Highlights, FT920*, December issue (annual) to 2010 exhibits 1 and 6 then, beginning in 2011, exhibits 1 and 4, and beginning with 2004 <http://www.census.gov/foreign-trade/Press-Release/ft920_index.html> accessed May 3, 2021.

Table 24.04-- FOREIGN-TRADE ZONE AND SUBZONE OPERATIONS: 2019 TO 2022

[In millions of dollars unless otherwise noted]

Subject	2019	2020	2021	2022
State summary				
Merchandise received	1,000-5,000	1,000-5,000	1,000-5,000	5,000-10,000
Exports	500-750	100-250	100-250	250-500
Total shipments	1,000-5,000	1,000-5,000	1,000-5,000	5,000-10,000
Employees (persons)	2,501-3,000	2,501-3,000	3,001-4,000	3,001-4,000
Top foreign-status product, by value (percent)	100	100	100	100
Oil/petroleum	99	97	99	98
Petrochemicals 1/	<1	3	1	2
Vehicles	<1	<1	<1	<1
Plastic/rubber	<1	<1	<1	(NA)
Electrical machinery	(NA)	(NA)	(NA)	<1
Consumer products 2/	<1	<1	<1	<1
Other	<1	(NA)	(NA)	<1
Warehouse/distribution activity				
Number of operators 3/	365	356	2	2
Merchandise received	1,000-5,000	500-750	750-1,000	1,000-5,000
Exports	250-500	100-250	100-250	250-500
Total shipments	1,000-5,000	500-750	750-1,000	1,000-5,000
Production activity - zone/subzone				
Zone 9 Pacific Allied Products, Ltd.				
Merchandise received	1-5	0.5-1	1-5	1-5
Exports	-	-	-	-
Total shipments	1-5	0.5-1	1-5	1-5
Subzone 9A Par Hawaii Refining, L.L.C.				
Merchandise received	1,000-5,000	1,000-5,000	1,000-5,000	1,000-5,000
Exports	100-250	25-50	25-50	25-50
Total shipments	1,000-5,000	1,000-5,000	1,000-5,000	1,000-5,000
Subzone 9E IES Downstream, L.L.C.				
Merchandise received	500-750	100-250	750-1,000	1,000-5,000
Exports	-	-	-	-
Total shipments	500-750	100-250	500-750	750-1,000
Subzone 9F Hawaii Gas				
Merchandise received	25-50	25-50	25-50	25-50
Exports	-	-	-	-
Total shipments	25-50	10-25	10-25	25-50

NA Not available.

1/ Other electronics in 2019.

2/ Fragrances/cosmetics in 2019.

3/ 'Number of companies' in 2018 to 2020.

Source: United States Foreign-Trade Zones Board, *Annual Report of the Foreign-Trade Zones Board to the Congress of the United States*, Appendix D (annual) <<http://enforcement.trade.gov/ftzpage/annual-report.html>> accessed October 10, 2023.

Table 24.05-- COMMODITY EXPORTS TOTAL AND TO TOP 25 FOREIGN COUNTRIES: 2019 TO 2023

[In thousands of dollars. Includes merchandise exports originated in Hawaii and exported through other customs districts. Exports are by "point of origin" of their journey to export, a transportation not a production basis. Top 25 countries based on 2023 dollar value]

Rank	Country	2019	2020	2021	2022	2023
	World Total	460,048	329,133	321,991	433,654	570,136
	Top 25	439,582	314,078	302,230	396,535	551,064
1	Japan	94,204	46,261	57,849	102,475	127,736
2	Australia	26,466	59,406	26,775	16,009	71,017
3	Philippines	6,243	2,767	3,704	3,477	70,740
4	Hong Kong	13,039	36,653	19,793	77,019	55,243
5	India	19,967	11,135	6,846	24,920	30,412
6	Singapore	49,367	8,282	25,477	7,689	24,070
7	Netherlands	1,879	1,661	1,098	999	21,293
8	Korea, South	76,071	24,593	23,337	28,288	18,256
9	Vietnam	33,271	8,241	33,518	8,975	17,774
10	Canada	15,985	16,341	20,380	18,216	15,811
11	China	21,136	8,193	10,964	25,343	15,504
12	Ghana	30	26	12	13	11,729
13	New Zealand	8,495	3,531	5,755	1,104	9,809
14	Papua New Guinea	-	-	97	-	9,308
15	Germany	3,197	3,295	3,177	5,944	8,405
16	Taiwan	14,936	14,755	13,276	9,346	8,060
17	Thailand	12,022	4,934	5,123	10,057	6,750
18	Malaysia	15,887	6,143	5,913	6,643	5,258
19	Bangladesh	6,373	39,476	23,643	34,493	4,713
20	Marshall Islands	2,890	1,617	1,429	2,296	4,004
21	United Kingdom	9,532	6,291	3,852	3,239	3,522
22	United Arab Emirates	2,205	3,322	3,463	1,566	3,118
23	Italy	1,341	1,452	1,372	1,082	2,929
24	Indonesia	4,129	3,790	3,842	5,114	2,928
25	Mexico	917	1,913	1,535	2,226	2,678

Source: U.S. Census Bureau, Foreign-Trade Division, UTO Online, State by 6-Digit HS Code U.S. Exports (Origin of Movement) from Hawaii <<https://usatrade.census.gov/>> accessed February 16, 2024.

Table 24.06-- COMMODITY IMPORTS TOTAL AND FROM TOP 25 FOREIGN COUNTRIES: 2019 TO 2023

[In thousands of dollars. U.S. Imports by State of Final Destination (State Import Series). Top 25 countries based on 2023 dollar value]

Rank	Country	2019	2020	2021	2022	2023
	Total	3,780,571	1,911,632	2,550,511	2,518,565	2,711,632
	Top 25 foreign countries	2,901,606	1,268,181	2,087,943	2,138,238	2,525,687
1	Korea, South	545,008	224,301	340,552	680,833	705,627
2	Japan	578,917	291,821	396,669	478,938	471,239
3	China	196,367	142,930	199,313	284,548	237,217
4	United Kingdom	20,198	39,033	27,222	10,972	94,869
5	Canada	101,736	123,080	102,233	112,423	89,735
6	Libya	859,462	65,620	649,168	-	86,824
7	Vietnam	41,401	74,595	54,565	96,796	84,074
8	Italy	49,864	24,901	24,530	28,257	84,040
9	Thailand	37,719	34,303	42,489	52,649	68,182
10	Taiwan	67,552	59,417	58,502	61,736	64,892
11	Germany	42,822	20,247	20,894	33,661	58,794
12	Indonesia	35,109	39,774	60,866	58,185	49,918
13	Malaysia	28,039	40,281	16,256	21,004	46,985
14	Iraq	-	-	-	-	46,287
15	Spain	7,863	3,372	6,470	55,809	45,724
16	Cambodia	1,121	467	2,145	25,271	44,858
17	Australia	17,723	11,381	10,956	40,255	42,897
18	Colombia	4,973	1,824	2,327	4,070	41,561
19	France	182,866	13,109	16,017	30,826	32,384
20	Kuwait	-	-	-	25	31,887
21	Lithuania	201	53	65	89	22,881
22	New Zealand	27,702	18,900	22,595	20,146	20,507
23	India	8,656	18,599	8,193	14,578	19,049
24	Philippines	21,885	14,244	16,648	17,552	18,242
25	Switzerland	24,419	5,930	9,270	9,614	17,013

Source: U.S. Census Bureau, USA Trade Online, State by 6-Digit HS Code Imports
<https://usatrade.census.gov/> accessed April 23, 2024.

Table 24.07-- COMMODITY EXPORTS TOTAL AND TO TOP 25 FOREIGN COUNTRIES: 2018 TO 2023

[In thousands of dollars. Includes merchandise exports originated in Hawaii and exported through other customs districts. Exports are by "point of origin" of their journey to export, a transportation, not a production basis. Top 25 commodities based on 2023 dollar value]

Rank	HS Code	Commodity	2018	2019	2020	2021	2022	2023
		All commodities	659,146	460,048	329,133	321,991	433,654	570,136
		Top 25 commodities based on 2022 value	318,128	266,755	185,864	210,551	342,426	481,328
1	880000	Civilian aircraft, engines & parts	47,501	56,671	41,442	44,643	115,862	203,710
2	271012	Lt oils, preps Gt=70% petroleum/bitum not biodiesel	107,969	68,463	-	-	41,767	75,647
3	720449	Ferrous waste & scrap, NESOI 1/	46,470	35,010	42,794	53,689	56,687	44,940
4	980110	Value of repair/alteration of articles previous imported	6,460	918	1,412	1,359	5,681	19,475
5	760200	Aluminum waste and scrap	12,647	10,512	14,260	11,066	16,186	16,042
6	030635	Cold-water shrimp & prawns, live, fresh or chill	24,345	21,473	22,407	21,545	16,914	11,755
7	890610	Warships (including submarines, troopships, etc.)	-	-	-	-	-	11,472
8	901580	Surveying instruments and appliances, NESOI 1/, etc.	54	266	549	1,178	72	10,936
9	220190	Waters not sweetened or flavored, NESOI 1/; ice & snow	13,973	13,702	13,345	12,689	11,544	10,250
10	080261	Macadamia nuts, in shell, fresh or dried	8,951	12,468	4,202	8,142	15,642	8,994
11	740400	Copper waste and scrap	7,020	6,127	6,628	10,596	8,950	8,670
12	180690	Cocoa preparations, not in bulk form, NESOI 1/	7,441	5,739	3,661	4,000	7,674	6,922
13	300215	Immunological products, in measured dose/retail sale	-	-	-	-	-	6,571
14	090111	Coffee, not roasted, not decaffeinated	4,961	3,853	6,116	6,848	7,470	5,842
15	190531	Cookies (sweet biscuits)	320	570	200	5,394	11,267	5,474
16	080720	Papayas (papaws), fresh	6,893	6,043	6,339	6,117	6,083	4,420
17	843143	Parts for boring or sinking machinery, NESOI 1/	7	-	-	-	5	4,181
18	090121	Coffee, roasted, not decaffeinated	5,170	5,218	4,449	4,801	5,657	3,792
19	970191	Paintings, drawings and pastels not over 100 years	-	-	-	-	1,244	3,610
20	470710	Waste & scrap, of unbleached kraft paper or paperboard	6,869	5,301	2,523	5,499	4,303	3,419
21	870899	Parts and accessories of motor vehicles, NESOI 1/	190	630	1,177	1,421	2,220	3,345
22	420221	Handbags surface of leather or composition leather	612	519	2,914	3,877	1,379	3,065
23	852799	Reception apparatus for radio-broadcasting, NESOI 1/	4	-	-	-	-	3,000
24	903040	Other instruments, specially designed for telecommunication	7,893	10,893	9,183	5,231	3,205	2,934
25	010641	Bees, live	2,377	2,377	2,262	2,455	2,614	2,863

1/ NESOI Not elsewhere specified or indicated.

Source: U.S. Census Bureau, Foreign-Trade Division, UTO Online, State by 6-Digit HS Code U.S. Exports (Origin of Movement)

<<https://usatrade.census.gov/>> accessed February 16, 2024.

Table 24.08-- COMMODITY IMPORTS TOTAL AND FROM TOP 25 FOREIGN COUNTRIES: 2019 TO 2023

[In thousands of dollars. U.S. Imports by State of Final Destination (State Import Series). Rank based on 2023 dollar value]

Rank	HS Code	Commodity	2019	2020	2021	2022	2023
		Total Hawaii imports	3,780,571	1,911,632	2,550,511	2,518,565	2,711,632
		Top 25 commodities	2,817,257	1,305,488	1,769,275	1,527,488	1,838,188
1	271012	Light oils & preparations containing GT = 70% by wt.	287,260	146,630	309,360	455,699	541,891
2	271019	Petrol oil bitum mineral (nt crude) etc. nt biodiesel	461,950	179,365	34,023	186,480	258,910
3	870323	Pass veh spk-ig int comb rcpr eng; & gt 1500 Nov 3m cc	143,392	92,738	127,309	154,983	152,205
4	270900	Crude oil from petroleum & bituminous minerals	1,571,556	630,489	963,771	152,389	133,111
5	850760	Lithium ion batteries	9,491	7,151	12,196	123,845	108,760
6	854143	Photovoltaic cells in modules or panels	-	-	-	30,909	101,854
7	870324	Pass veh spk-ig int comb rcpr eng & gt; 3000 cc	92,856	57,762	95,632	107,415	99,646
8	841112	Turbojets of a thrust exceeding 25 Kn (kilonewtons)	-	8,000	8,250	380	68,315
9	980100	Imports of articles exported & returned, no change	37,427	15,568	29,283	41,617	45,870
10	271112	Propane, liquefied	40,253	28,045	12,594	15,524	39,587
11	870340	Pass veh w/spk-ig & elec motor, not chrgd by plug	29,844	21,879	28,042	32,185	34,276
12	940340	Wooden kitchen furniture, except seats	13,260	22,250	25,543	29,405	28,436
13	901920	Ozone, oxygen, etc. therapy, respiration apparatus, pt.	22	434	35	29,805	26,237
14	853720	Controls, etc. w/elect. apparatus for elect. control over 1000 V.	168	105	1,421	7,813	24,319
15	30487	Skipjack tuna fillets & other meat, fresh chilled or fzn	30,224	18,831	25,063	34,313	23,725
16	252329	Portland cement except white Portland cement	17,505	19,770	16,084	14,013	20,249
17	271500	Bitum mix fr nat asph, nat bitum, pet bit, min tar or pt.	13,048	0	8,808	25,442	19,597
18	940360	Wooden furniture, NESOI 1/	12,489	9,564	10,992	12,440	17,948
19	870380	Motor vehicles with only electric motor, NESOI 1/	-	3	7	4,211	14,669
20	711319	Jewelry and parts thereof, of other precious metal	24,810	4,795	6,873	10,903	14,540
21	761010	Aluminum doors, windows & their frames for doors	2,715	12,985	11,649	15,237	13,175
22	851762	Machine for reception/convr/trans/regener. of voice/image/data	2,679	3,606	3,383	6,486	13,130
23	940161	Seats w/ wooden frames, upholstered, NESOI 1/	11,484	10,000	16,274	16,514	13,095
24	870360	Motor veh, spark-ign & electric motor, charged by plug	5,487	5,831	8,965	7,102	12,702
25	190590	Bread, pastry, cakes, etc. NESOI 1/ & puddings	9,337	9,687	13,719	12,377	11,940

1/ NESOI Not elsewhere specified or indicated.

Source: U.S. Census Bureau, USA Trade Online, State by 6-Digit HS Code Imports <<https://usatrade.census.gov/>> accessed April 23, 2024.

Table 24.09--FOREIGN AGRICULTURAL EXPORTS FOR HAWAII AND THE UNITED STATES: 2000 TO 2022

[In millions of dollars. A state's estimated export value for a commodity is determined by its share of the total U.S. farm receipts from sales of that commodity and then summed to derive a total. 2000 to 2021 revised from previous *Data Book*. For discussion of methodology, see ERS "Documentation" <<http://www.ers.usda.gov/data-products/state-export-data/documentation>>]

Year	Hawaii	United States	Year	Hawaii	United States
2000	149.0	55,010.7	2012	406.8	141,984.3
2001	155.6	56,147.6	2013	346.6	144,637.7
2002	150.8	54,893.2	2014	389.9	150,121.4
2003	157.0	61,098.2	2015	362.6	132,275.5
2004	161.9	62,833.5	2016	343.3	133,776.3
2005	183.6	64,372.8	2017	355.1	137,083.2
2006	196.4	72,327.4	2018	317.7	138,545.7
2007	209.3	91,274.3	2019	309.6	135,708.4
2008	279.8	115,717.3	2020	304.1	144,782.3
2009	297.1	98,910.3	2021	371.8	171,120.3
2010	330.0	116,228.6	2022	349.6	188,857.2
2011	387.3	137,179.0			

Source: U.S. Department of Agriculture, Economic Research Service, "U.S. Agricultural Exports, Commodity detail by State [New series]: CY2000-2022" (November 16, 2023) <<https://www.ers.usda.gov/data-products/state-export-data/>> accessed December 14, 2023.

Table 24.10--FOREIGN ANIMAL AND PLANT PRODUCT EXPORTS, BY COMMODITY GROUP: 2016 TO 2022

[In millions of dollars. Annual estimates of U.S. exports by State and commodity group based on each state's share of U.S. agricultural production]

Commodity group	2016	2017	2018	2019	2020	2021	2022
Total agricultural exports 1/	343.3	355.1	317.7	309.6	304.1	371.8	349.6
Total animal products	51.3	1/ 59.6	1/ 59.9	1/ 59.1	1/ 57.3	1/ 77.8	1/ 72.3
Beef and veal	4.3	4.5	5.7	5.2	4.9	6.6	7.2
Pork	0.5	0.2	0.1	0.4	0.5	0.4	0.6
Hides and skins	1.0	0.9	0.8	0.5	0.4	0.5	0.5
Other livestock products 2/	43.2	51.0	49.8	51.3	1/ 49.5	1/ 68.2	60.6
Dairy products	1.2	1.6	1.5	0.1	0.1	0.2	0.2
Other poultry products 3/	1.0	1.3	2.0	1.6	1.8	1.8	3.1
Total plant products 1/	292.1	295.5	257.8	250.6	246.8	294.0	277.3
Vegetables, fresh	0.3	0.3	0.3	-	-	-	-
Vegetables, processed	1/ 0.6	1/ 0.6	1/ 0.5	-	-	-	-
Fruits, fresh	3.6	3.6	1.7	1.5	0.9	2.0	1.0
Fruits, processed	3.4	3.1	1.4	1.3	0.8	1.8	1.0
Tree nuts 1/	38.1	50.6	36.9	43.9	44.1	59.5	46.0
Other plant products 4/	246.1	237.3	217.1	204.0	201.0	230.7	229.3

1/ Revised from previous *Data Book*.

2/ Includes other nonpoultry meats, animal fat, live farm animals, and other animal parts.

3/ Includes turkey meat, eggs, and other fowl products.

4/ Includes sweeteners and products, other horticulture products, planting seeds, cocoa, coffee, and other processed foods.

Source: U.S. Department of Agriculture, Economic Research Service, "U.S. Agricultural Exports, State detail by commodity [New series]: CY2000-2022" (November 16, 2023)

<<https://www.ers.usda.gov/data-products/state-export-data/>> accessed December 14, 2023.

Table 24.11-- INTERNATIONAL STUDENT SPENDING AND ECONOMIC IMPACT: 2017 TO 2022

[In thousands of dollars and number. For calendar year]

Category	2017	2018	2019	2020	2021	2022
Total direct spending	241,491	216,866	185,027	113,180	105,839	189,423
Living expenses	133,688	124,537	92,049	52,435	47,582	105,403
Tuition and fees	107,803	92,329	92,977	60,745	58,257	84,019
Output multiplier 1/	2.06	2.06	2.06	1.97	1.97	1.97
Total output generated	497,471	446,744	381,155	222,965	208,503	373,163
Household income multiplier 1/	0.91	0.91	0.91	0.86	0.86	0.86
Total income generated	219,756	197,348	168,374	97,335	91,022	162,904
State tax multiplier 1/	0.158	0.158	0.158	0.139	0.139	0.139
Total state taxes generated	38,156	34,265	29,234	15,732	14,712	26,330
Employment multiplier 1/	21.8	21.1	20.3	26.6	25.9	25.3
Total jobs generated	5,264	4,576	3,756	3,011	2,741	4,792

1/ Multipliers for 2017 to 2019 are based on the DBEDT, Hawaii State Input-Output Study, 2012 Benchmark Report (August 2016) <http://dbedt.hawaii.gov/economic/reports_studies/2012-io> and for 2020 to 2022 on the 2017 Benchmark Report (March 2022) <http://dbedt.hawaii.gov/economic/reports_studies/2017-io/> .

Source: Hawaii State Department of Business, Economic Development & Tourism, The Economic Impact of International Students in Hawaii - 2018 Update (November 2018)

<<http://files.hawaii.gov/dbedt/economic/reports/2018-11-foreign-student.pdf>> accessed January 25, 2019; The Economic Impact of International Students in Hawaii - 2019 Update (October 2019)

<<http://files.hawaii.gov/dbedt/economic/reports/2019-10-foreign-student.pdf>> accessed July 20, 2020; The Economic Impact of International Students in Hawaii - Calendar Year 2019 (October 2020)

<<http://files.hawaii.gov/dbedt/economic/reports/2019-10-foreign-student.pdf>> accessed July 20, 2020; Economic Impact of International Students in Hawaii - Calendar Year 2020 (December 2021)

<<http://files.hawaii.gov/dbedt/economic/reports/2021-12-foreign-student.pdf>> accessed July 3, 2022; Economic Impact of International Students in Hawaii - Calendar Year 2021 (December 2022)

<<http://files.hawaii.gov/dbedt/economic/reports/2022-12-foreign-student.pdf>> accessed January 13, 2023; Economic Impact of International Students in Hawaii - Calendar Year 2022 (December 2023)

<<http://files.hawaii.gov/dbedt/economic/reports/2023-12-foreign-student.pdf>> accessed December 14, 2023; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 24.12-- PROFILE OF IMPORTING AND EXPORTING COMPANIES,
HAWAII AND THE UNITED STATES: 2021 AND 2022**

[In number, millions of dollars, and percent]

Characteristic	2021		2022	
	Hawaii	U.S.	Hawaii	U.S.
Exports by state of origin of movement 1/				
Value of exports	340	1,754,300	434	2,065,157
Value as percent of total	(2/)	100.0	(2/)	100.0
Known value 3/	301	4/ 1,557,183	341	1,814,965
Percent of known value	(2/)	100.0	(2/)	100.0
Number of identified exporters	4/ 690	4/ 279,616	677	279,115
Percent of number of identified exporters	0.2	100.0	0.2	100.0
Percent change from previous year				
Value of exports	4/ 6.3	4/ 23.1	27.6	17.7
Known value 3/	4/ 12.3	4/ 22.0	13.2	16.6
Number of identified exporters	4/ 6.0	4/ 2.6	-1.9	-0.2
Imports by state of destination 5/				
Value of imports	2,554	2,831,111	2,519	3,242,530
Value as percent of total	0.1	100.0	0.1	100.0
Known value 3/	2,072	2,440,061	1,725	2,809,327
Percent of known value	0.1	100.0	0.1	100.0
Number of identified importers	2,151	226,662	2,462	234,074
Percent of number of identified importers	0.9	100.0	1.1	100.0
Percent change from previous year				
Value of imports	33.6	21.2	-1.4	14.5
Known value 3/	28.8	20.5	-16.8	15.1
Number of identified importers	1.4	2.3	14.5	3.3

1/ This series provides export statistics based on the U.S. state from which the merchandise starts its journey to the port of export; i.e., the transportation origin. This information is reported by the exporter. See Source "Technical Documentation" for limitations of this data series.

2/ Represents zero or less than one-half unit of measurement shown.

3/ Defined as portion of total U.S. exports and imports that could be matched to specific companies.

4/ Revised from previous *Data Book*.

5/ This series provides import statistics based on the U.S. state, U.S. territory or U.S. possession where the merchandise is destined, as known at the time of entry summary filing. This information is reported by the importer. See Source "Technical Documentation" for limitations of this data series.

Source: U.S. Census Bureau, *Profile of U.S. Importing and Exporting Companies, 2020-2021* (April 5, 2023); *Ibid.* 2021-2022 (April 4, 2024) <https://www.census.gov/foreign-trade/Press-Release/profile_index.html> accessed April 4, 2024; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 24.13-- AGRICULTURAL AND NONAGRICULTURAL LANDHOLDINGS OF FOREIGN OWNERS: 2004 TO 2022

[The source report is required annually under section 5 of the U.S. Agricultural Foreign Investment Disclosure Act of 1978. Under the Act, any person who holds an Immigration and Naturalization Service Form I-151 or I-551 (green card) is exempt from filing. For 2004 and 2005, approximate land area as established by the U.S. Census Bureau in conjunction with the 1990 Census of Population there were 4,111,000 acres of land in the state and for 2006 through 2015, 4,110,720 acres with the 2000 Census]

Closing date 1/	Parcels owned by foreigners	Privately owned agricultural land 2/	Acres owned by foreigners	Agricultural acres owned by foreigners	Percent of all privately owned agric. land 3/
Feb. 28, 2004	100	1,986,000	172,186	167,206	8.4
Feb. 28, 2005	103	1,986,000	172,211	167,600	8.4
Feb. 28, 2006	104	1,803,038	172,238	167,627	9.3
Feb. 28, 2007	105	1,803,038	172,619	168,008	9.3
Feb. 29, 2008	106	1,803,038	162,590	157,974	8.8
Feb. 28, 2009	114	1,803,038	163,495	158,874	8.8
Feb. 28, 2010	114	1,803,038	163,495	158,874	8.8
Dec. 31, 2010	115	1,803,038	163,527	158,884	8.8
Dec. 31, 2011	116	1,803,038	163,530	158,887	8.8
Dec. 31, 2012	116	1,803,038	163,530	158,887	8.8
Dec. 31, 2013	115	1,803,038	163,498	158,887	8.8
Dec. 31, 2014	115	1,803,038	163,498	158,877	8.8
Dec. 31, 2015	113	1,803,038	163,139	158,529	8.8
Dec. 31, 2016	115	1,803,038	163,244	158,634	8.8
Dec. 31, 2017	119	1,803,038	163,303	158,692	8.8
Dec. 31, 2018	126	1,803,038	171,105	166,421	9.2
Dec. 31, 2019	127	1,803,038	171,108	166,424	9.2
Dec. 31, 2020	127	1,803,038	171,108	166,424	9.2
Dec. 31, 2021	127	1,803,038	170,556	165,872	9.2
Dec. 31, 2022	127	1,627,539	212,376	207,692	12.8

1/ Historically reports have covered the 12-month period ending the last day of February, however, a second report was issued for 2010, which contains data gathered between March 1, 2010 and December 31, 2010. Beginning with the 2011, the report will be published only as of the end of each calendar year.

2/ Preliminary estimate based on unpublished USDA, Economic Research Service 1997 data through 2005, and for 2006-2016, similar unpublished 2002 data of Ruben Lubowski, Economic Research Service. Total land area minus federal, state, county and municipal; Indian Trust; rural transportation; and urban lands. Includes forest land, pasture land, cropland, range, and miscellaneous. Estimates of urban and rural transportation lands are from U.S. Department of Agriculture, Economic Research Service, 2006 and estimates of federal and other public lands are from the General Services Administration, 2001 and National Resource Conservation Service, 2002 respectively.

3/ The December 31, 2022 percentage for Hawaii ranked 2nd (rank of 1 assigned to the highest) among the 50 States, exceeded only by Maine at 21.1 percent and well above the national percentage of 3.4 percent.

Source: U.S. Department of Agriculture, Farm Service Agency, *Foreign Ownership of U. S. Agricultural Land Through February 28* (annual except 2008 when it was through February 29), *Ibid. Foreign Holdings of U.S. Agricultural Land Through December 31* (annual, 2017, 2018, 2021, and 2022, as revised) <<http://www.fsa.usda.gov/programs-and-services/economic-and-policy-analysis/afida/index>> accessed November 2, 2023.

Table 24.14-- AGRICULTURAL AND NONAGRICULTURAL LANDHOLDINGS OF FOREIGN OWNERS, BY COUNTRY AND BY COUNTY: 2021 AND 2022

[The source report is required annually under section 5 of the U.S. Agricultural Foreign Investment Disclosure Act of 1978. Under the Act, any person who holds an Immigration and Naturalization Service Form I-151 or I-551 (green card) is exempt from filing. Based on a 2000 estimate from the U.S. Census Bureau Geography Division, there were 4,111,720 acres of land. Privately-owned; land area minus federal, state, county and municipal; Indian Trust; rural transportation; and urban lands. Includes forest land, pasture land, cropland, range, and miscellaneous. As of December 31

Subject	State total	Honolulu	Hawaii	Kauai	Maui
2021					
Parcels owned by foreigners	127	9	76	6	36
Use of landholdings of foreign owners	170,556	5,288	95,816	7,885	61,568
Agriculture	165,872	2,106	94,641	7,844	61,282
Cropland	39,278	989	34,153	133	4,003
Pasture	81,304	-	28,089	2,849	50,365
Forest	7,071	-	1,730	4,201	1,140
Other agriculture	38,219	1,117	30,668	661	5,773
Non agriculture	4,684	3,182	1,175	41	286
Acres owned by foreigners	170,556	5,288	95,816	7,885	61,568
Canada	144	-	66	-	78
Germany	8,214	-	23	384	7,807
Netherlands	37,135	-	37,133	-	2
United Kingdom	3,128	-	3,128	-	-
All others	121,935	5,288	55,465	7,501	53,680
2022					
Parcels owned by foreigners	137	9	76	6	46
Use of landholdings of foreign owners	212,376	5,288	95,816	7,885	103,388
Agriculture	207,692	2,106	94,640	7,844	103,101
Cropland	81,098	989	34,153	133	45,823
Pasture	81,304	-	28,089	2,849	50,365
Forest	7,071	-	1,730	4,201	1,140
Other agriculture	38,219	1,117	30,668	661	5,773
Non agriculture	4,684	3,182	1,175	41	286
Acres owned by foreigners	212,376	5,288	95,816	7,885	103,388
Canada	41,964	-	66	-	41,898
Germany	8,214	-	23	384	7,807
Netherlands	37,135	-	37,133	-	2
United Kingdom	3,128	-	3,128	-	-
All others	121,935	5,288	55,465	7,501	53,680

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**Table 24.14-- AGRICULTURAL AND NONAGRICULTURAL LANDHOLDINGS
OF FOREIGN OWNERS, BY COUNTRY AND BY COUNTY:
2021 AND 2022 -- Con.**

Source: U.S. Department of Agriculture, Farm Service Agency, *Foreign Ownership of U. S. Agricultural Land Through December 31* (annual) <<http://www.fsa.usda.gov/programs-and-services/economic-and-policy-analysis/afida/index>> accessed November 2, 2023; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 24.15-- FOREIGN DIRECT INVESTMENT IN HAWAII IN GROSS PROPERTY, PLANT, AND EQUIPMENT OF NONBANK AFFILIATES, BY COUNTRY OF ULTIMATE BENEFICIAL OWNER: 1977 TO 2006

[Data for Hawaii nonbank affiliates owned 10 percent or more, directly or indirectly, by a foreign person. Amounts are book values, in millions of dollars. 1981-1983 Hawaii totals are estimated based on historical shares and growth rates]

Year	All countries	Asia & Pacific	Japan	Australia, etc. 1/	Other Asia & Pacific	Canada	Europe	Lat. Amer. & other W. Hem.	Other, subtotal 2/
1977	672	16	8	5	54	-	1	233	354
1978	742	17	12	8	57	1	1	246	400
1979	789	17	14	7	65	1	1	256	427
1980	1,020	(D)	(D)	17	52	(D)	2	431	474
1981	1,158	(D)	24	(D)	(D)	1	2	494	501
1982	1,366	21	38	24	80	(D)	1	584	(D)
1983	1,460	22	40	28	253	10	1	558	(D)
1984	1,691	23	73	56	274	3	3	605	653
1985	1,777	26	103	60	281	3	2	584	719
1986	2,013	31	157	61	280	4	1	713	767
1987	3,474	26	129	44	297	3	(D)	991	(D)
1988	4,990	28	201	91	322	3	8	1,739	2,598
1989	8,224	(D)	247	179	340	10	15	2,380	(D)
1990	11,830	(D)	368	189	490	17	15	3,868	(D)
1991	13,921	(D)	386	212	535	82	13	4,069	(D)
1992	15,454	(D)	290	(D)	564	222	17	5,075	8,450
1993	16,030	(D)	296	258	570	300	(D)	4,907	8,970
1994	16,185	(D)	308	257	597	306	18	4,615	(D)
1995	15,972	(D)	319	168	626	(D)	21	4,374	9,255
1996	15,324	(D)	279	181	739	205	(D)	4,167	8,830

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Table 24.15-- FOREIGN DIRECT INVESTMENT IN HAWAII IN GROSS PROPERTY, PLANT, AND EQUIPMENT OF NONBANK AFFILIATES, BY COUNTRY OF ULTIMATE BENEFICIAL OWNER: 1977 TO 2006 -- Con.

Year	All countries	Asia & Pacific	Japan	Australia, etc. 1/	Other Asia & Pacific	Canada	Europe	Lat. Amer. & other W. Hem.	Other, subtotal 2/
1997	14,805	13,478	12,516	(D)	(D)	108	870	222	127
1998	12,453	11,033	10,552	34	447	119	900	274	127
1999	11,460	10,113	9,689	35	389	118	823	274	132
2000	10,369	8,983	8,452	36	495	28	948	272	138
2001	9,787	8,354	7,924	38	392	28	1,049	246	110
2002 3/	7,816	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2003 3/	7,579	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2004 3/	6,741	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2005 3/	5,838	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2006 3/ 4/	8,007	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

D Withheld to avoid disclosing data for individual companies.

NA Not available.

1/ Figures for Australia include New Zealand and South Africa for 1977-86 but exclude these countries thereafter.

2/ Figures for Other subtotal include New Zealand and South Africa for 1987-1998 but exclude these countries for 1977-86. Figures for Other subtotal include Middle East, Africa less South Africa, Other Asia and Pacific less New Zealand, and United States for those years.

3/ Beginning with 2002, the survey data was largely tabulated for majority-owned (50 percent or more foreign direct investor) affiliates.

4/ The Nonbank U.S. Affiliates series ended with 2006. Beginning with 2007, it was replaced by a series that includes both bank and nonbank affiliates.

Source: U.S. Department of Commerce, *Foreign Direct Investment in the United States, Operations of U.S. Affiliates of Foreign Companies* (annual) and *Foreign Direct Investment in the United States: Benchmark Survey* (various years) and <<http://www.bea.gov/international/di1fdiop.htm>> accessed July 4, 2012; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 24.16-- EMPLOYMENT OF NONBANK AFFILIATES IN HAWAII, BY COUNTRY OF AFFILIATE:
1977 TO 2006**

[Data for Hawaii nonbank affiliates owned 10 percent or more, directly or indirectly, by a foreign person. Employment in thousands]

Year	All countries	Asia & Pacific	Japan	Australia, etc. 1/	Other Asia & Pacific	Canada	Europe	Lat. Amer. & other W. Hem.	Other, subtotal 2/
1977	11.4	(NA)	7.3	0.1	(NA)	0.3	0.5	(D)	(D)
1978	11.9	(NA)	7.2	(D)	(NA)	0.4	0.8	(D)	3.1
1979	14.7	(NA)	8.6	(D)	(NA)	0.6	1.3	(D)	3.4
1980	15.5	(NA)	9.0	(D)	(NA)	0.7	1.5	(D)	(D)
1981	17.0	(NA)	9.1	(D)	(NA)	0.7	1.6	1.1	(D)
1982	16.4	(NA)	9.3	0.4	(NA)	0.6	2.2	(D)	(D)
1983	16.3	(NA)	9.7	(D)	(NA)	0.6	1.7	0.7	(D)
1984	16.5	(NA)	9.8	(D)	(NA)	0.5	2.2	0.8	(D)
1985	18.7	(NA)	11.7	(D)	(NA)	0.5	1.6	0.8	(D)
1986	18.4	(NA)	10.9	1.1	(NA)	0.7	1.8	2.1	1.8
1987	27.3	22.8	20.6	1.4	0.8	0.7	1.0	(D)	(D)
1988	34.8	27.2	24.3	1.5	1.4	0.8	3.2	3.5	1.5
1989	45.0	36.1	30.3	2.6	3.2	0.8	4.0	3.7	3.6
1990	53.0	42.3	36.0	2.7	3.6	0.7	6.2	3.6	3.8
1991	56.0	44.8	38.3	3.2	3.3	0.7	6.1	4.0	3.7
1992	53.8	42.1	36.5	3.3	2.3	0.5	6.5	4.0	3.0
1993	52.4	43.1	37.5	3.5	2.1	1.5	3.6	4.0	2.3
1994	50.8	40.4	37.0	1.4	2.0	1.4	4.0	4.7	0.3
1995	48.9	37.7	34.3	1.7	1.7	1.6	4.3	4.6	0.7
1996	47.5	36.0	32.6	1.5	1.9	0.9	6.8	2.9	0.9

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**Table 24.16-- EMPLOYMENT OF NONBANK AFFILIATES IN HAWAII, BY COUNTRY OF AFFILIATE:
1977 TO 2006 -- Con.**

Year	All countries	Asia & Pacific	Japan	Australia, etc. 1/	Other Asia & Pacific	Canada	Europe	Lat. Amer. & other W. Hem.	Other, subtotal 2/
1997	50.2	37.5	34.0	(D)	(D)	1.5	7.0	2.9	(D)
1998	43.4	31.4	30.0	(D)	(D)	1.1	6.2	3.7	1.0
1999	44.3	31.5	29.9	(3/)	(D)	0.9	7.1	3.7	1.1
2000	44.8	29.9	28.5	(D)	(D)	1.3	8.5	3.8	1.3
2001	41.0	27.5	26.2	(D)	(NA)	0.8	7.9	3.9	0.9
2002 4/	37.1	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2003 4/	35.6	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2004 4/	31.5	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2005 4/	29.0	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2006 4/ 5/	28.7	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

D Withheld to avoid disclosing data for individual companies.

NA Not available.

1/ Figures for Australia include New Zealand and South Africa for 1977-86 but exclude these countries thereafter.

2/ Figures for Other subtotal include New Zealand and South Africa for 1987-1998 but exclude these countries for 1977-86. Figures for Other subtotal include Middle East, Africa less South Africa, Other Asia and Pacific less New Zealand, and United States for those years.

3/ Fewer than 50 employees.

4/ Beginning with 2002, the survey data was largely tabulated for majority-owned (50 percent or more foreign direct investor) affiliates.

5/ The Nonbank U.S. Affiliates series ended with 2006. Beginning with 2007, it was replaced by a series that includes both bank and nonbank affiliates.

Source: U.S. Department of Commerce, *Foreign Direct Investment in the United States, Operations of U.S. Affiliates of Foreign Companies* (annual) and *Foreign Direct Investment in the United States: Benchmark Survey* (various years) and <<http://www.bea.gov/international/di1fdiop.htm>> accessed July 4, 2012; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 24.17-- FOREIGN DIRECT INVESTMENT IN HAWAII IN GROSS PROPERTY, PLANT, AND EQUIPMENT OF NONBANK AFFILIATES, BY INDUSTRY OF AFFILIATE: 1977 TO 2006

[Investment by Hawaii nonbank affiliates of U.S. business enterprises owned 10 percent or more, directly or indirectly, by a foreign a foreign person. In millions of dollars. Data for 1996 are the last year presented according to the International Survey Industry based on the 1987 Standard Industrial Classification]

Year	All industries	Petro-leum	Manufac-turing	Whole-sale trade	Retail trade	Finance, nonbank	Insur-ance	Real estate	Services & other	Services	Other
1977	672	16	8	5	54	-	1	233	354	(NA)	(NA)
1978	742	17	12	8	57	1	1	246	400	(NA)	(NA)
1979	789	17	14	7	65	1	1	256	427	(NA)	(NA)
1980	1,020	(D)	(D)	17	52	(D)	2	431	474	(NA)	(NA)
1981	1,158	(D)	24	(D)	(D)	1	2	494	501	(NA)	(NA)
1982	1,366	21	38	24	80	(D)	1	584	(D)	(NA)	(NA)
1983	1,460	22	40	28	253	10	1	558	(D)	(NA)	(NA)
1984	1,691	23	73	56	274	3	3	605	653	(NA)	(NA)
1985	1,777	26	103	60	281	3	2	584	719	(NA)	(NA)
1986	2,013	31	157	61	280	4	1	713	767	(NA)	(NA)
1987	3,474	26	129	44	297	3	(D)	991	(D)	1,860	(D)
1988	4,990	28	201	91	322	3	8	1,739	2,598	2,371	227
1989	8,224	(D)	247	179	340	10	15	2,380	(D)	4,309	(D)
1990	11,830	(D)	368	189	490	17	15	3,868	(D)	5,855	(D)
1991	13,921	(D)	386	212	535	82	13	4,069	(D)	7,385	(D)
1992	15,454	(D)	290	(D)	564	222	17	5,075	8,450	7,939	511
1993	16,030	(D)	296	258	570	300	(D)	4,907	8,970	8,454	516
1994	16,185	(D)	308	257	597	306	18	4,615	(D)	8,863	(D)
1995	15,972	(D)	319	168	626	(D)	21	4,374	9,255	8,480	775
1996	15,324	(D)	279	181	739	205	(D)	4,167	8,830	8,072	758

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Table 24.17-- FOREIGN DIRECT INVESTMENT IN HAWAII IN GROSS PROPERTY, PLANT, AND EQUIPMENT OF NONBANK AFFILIATES, BY INDUSTRY OF AFFILIATE: 1977 TO 2006 -- Con.

Year	All industries	Petroleum	Manufacturing	Wholesale trade	Retail trade	Finance, nonbank	Insurance	Real estate	Services & other	Services	Other
1997	14,805	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1998	12,453	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1999	11,460	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2000	10,369	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2001	9,787	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2002 1/	7,816	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2003 1/	7,579	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2004 1/	6,741	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2005 1/	5,838	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2006 1/ 2/	8,007	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

D Withheld to avoid disclosing data for individual companies.

NA Not available.

1/ Beginning with 2002, the survey data was largely tabulated for majority-owned (50 percent or more foreign direct investor) affiliates.

2/ The Nonbank U.S. Affiliates series ended with 2006. Beginning with 2007, it was replaced by a series that includes both bank and nonbank affiliates.

Source: U.S. Department of Commerce, *Foreign Direct Investment in the United States, Operations of U.S. Affiliates of Foreign Companies* (annual) and *Foreign Direct Investment in the United States: Benchmark Survey* (various years) and <<http://www.bea.gov/international/di1fdiop.htm>> accessed July 4, 2012; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 24.18-- EMPLOYMENT OF NONBANK AFFILIATES IN HAWAII, BY INDUSTRY OF AFFILIATE:
1977 TO 2006**

[Data for Hawaii nonbank affiliates of U.S. business enterprises owned 10 percent or more, directly or indirectly, by a foreign person. Employment in thousands. Employment less than 500 are rounded to zero. 1996 is the last year presented according to the International Survey Industry based on the 1987 Standard Industrial Classification]

Year	All industries	Petroleum	Manufacturing	Wholesale trade	Retail trade	Finance, nonbank	Insurance	Real estate	Services & other	Services	Other
1977	11.4	(D)	0.6	0.4	2.9	-	0.2	0.2	(D)	(NA)	(NA)
1978	11.9	(D)	0.8	0.6	3.2	-	0.2	0.2	(D)	(NA)	(NA)
1979	14.7	(D)	1.3	0.7	4.0	-	0.2	0.3	(D)	(NA)	(NA)
1980	15.5	(D)	1.3	0.8	4.0	(D)	0.3	0.5	(D)	(NA)	(NA)
1981	17.0	(D)	1.3	0.8	5.4	0.1	0.3	0.8	(D)	(NA)	(NA)
1982	16.4	(D)	1.9	0.7	4.2	0.3	(D)	0.7	8.4	(NA)	(NA)
1983	16.3	(D)	1.4	0.8	4.5	0.3	0.2	0.7	(D)	(NA)	(NA)
1984	16.5	(D)	2.0	2.0	4.4	0.2	0.3	0.5	(D)	(NA)	(NA)
1985	18.7	(D)	2.0	1.8	5.0	0.2	0.3	1.0	(D)	(NA)	(NA)
1986	18.4	(D)	2.4	2.0	4.5	0.2	0.2	1.3	(D)	(NA)	(NA)
1987	27.3	-	1.3	1.3	5.1	0.2	1.4	0.6	17.4	11.0	6.4
1988	34.8	-	2.1	2.9	5.3	0.2	0.4	1.8	22.2	13.2	9.0
1989	45.0	0.8	2.3	4.0	5.3	0.2	1.0	2.0	29.5	16.9	12.6
1990	53.0	0.9	2.8	4.2	7.1	0.2	1.0	3.5	33.4	21.2	12.2
1991	56.0	(D)	2.7	4.7	(D)	0.2	1.1	(D)	35.5	23.0	12.5
1992	53.8	(D)	3.5	4.1	7.8	0.2	(D)	3.1	32.9	23.8	9.1
1993	52.4	1.3	2.3	4.2	7.8	0.1	1.0	3.4	32.4	25.0	7.4
1994	50.8	1.0	2.4	3.5	7.8	0.2	0.9	2.6	32.5	26.0	6.5
1995	48.9	(1/)	2.4	1.9	9.1	0.1	(2/)	2.6	30.6	23.4	7.2
1996	47.5	(1/)	2.2	1.5	(3/)	0.1	0.9	2.2	29.5	22.2	7.3

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**Table 24.18-- EMPLOYMENT OF NONBANK AFFILIATES IN HAWAII, BY INDUSTRY OF AFFILIATE:
1977 TO 2006 -- Con.**

Year	All industries	Petroleum	Manufacturing	Wholesale trade	Retail trade	Finance, nonbank	Insurance	Real estate	Services & other	Services	Other
1997	50.2	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1998	43.4	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1999	44.3	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2000	44.8	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2001	41.0	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2002 4/	37.1	(NA)	1.0	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2003 4/	35.6	(NA)	0.6	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2004 4/	31.5	(NA)	0.8	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2005 4/	29.0	(NA)	0.5	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2006 4/ 5/	28.7	(NA)	1.2	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

D Withheld to avoid disclosing data for individual companies.

NA Not available.

1/ Employment range 1,000 to 2,499.

2/ Employment range 500 to 999.

3/ Employment range 10,000 to 49,999.

4/ Starting with 2002, survey data largely tabulated for majority-owned (50 percent or more foreign direct investor) affiliates.

5/ The Nonbank U.S. Affiliates series ended with 2006. Beginning with 2007, it was replaced by a series that includes both bank and nonbank affiliates.

Source: U.S. Department of Commerce, *Foreign Direct Investment in the United States, Operations of U.S. Affiliates of Foreign Companies* (annual) and *Foreign Direct Investment in the United States: Benchmark Survey* (various years) and <<http://www.bea.gov/international/di1fdiop.htm>> accessed July 4, 2012; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 24.19-- FOREIGN DIRECT INVESTMENT IN HAWAII IN GROSS PROPERTY, PLANT, AND EQUIPMENT OF NONBANK AFFILIATES AND EMPLOYMENT, BY INDUSTRY OF AFFILIATE: 1997 TO 2006

[Foreign Direct Investment (FDI) by Hawaii nonbank affiliates of U.S. business enterprises owned 10 percent or more, directly or indirectly, by a foreign person. In millions of dollars and thousands of employees]

Subject	All industries 1/	Manufacturing	Wholesale trade	Retail trade	Information	Finance (exc. depository inst) & insur.	Real estate, rental & leasing	Professional, scientific, & technical services	Other industries
FDI									
1997	14,805	228	203	705	146	199	4,049	2	9,274
1998	12,453	336	184	810	178	76	3,312	1	7,555
1999	11,460	284	177	939	238	58	3,228	2	6,534
2000	10,369	245	228	601	337	81	3,053	4	5,821
2001	9,787	245	277	631	259	76	2,909	4	5,386
2002 2/	7,816	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2003 2/	7,579	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2004 2/	6,741	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2005 2/	5,838	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2006 2/ 3/	8,007	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

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Table 24.19-- FOREIGN DIRECT INVESTMENT IN HAWAII IN GROSS PROPERTY, PLANT, AND EQUIPMENT OF NONBANK AFFILIATES AND EMPLOYMENT, BY INDUSTRY OF AFFILIATE: 1997 TO 2006 -- Con.

Subject	All industries 1/	Manufacturing	Wholesale trade	Retail trade	Information	Finance (exc. depository inst) & insur.	Real estate, rental & leasing	Professional, scientific, & technical services	Other industries
Employment									
1997	50.2	2.0	2.0	6.6	0.5	1.0	3.2	0.1	34.9
1998	43.4	2.4	1.8	6.4	0.7	1.0	1.8	0.1	29.3
1999	44.3	2.4	1.7	6.6	0.8	1.0	1.7	0.1	29.8
2000	44.8	2.5	3.5	6.5	0.9	1.1	1.8	0.1	28.4
2001	41.0	2.2	3.9	6.2	0.7	1.1	1.9	0.1	24.9
2002 2/	37.1	1.0	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2003 2/	35.6	0.6	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2004 2/	31.5	0.8	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2005 2/	29.0	0.5	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2006 2/ 3/	28.7	1.2	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available.

1/ Effective with 1997 the data are classified according to the 1997 International Survey Industry which is based on the 1997 North American Industry Classification System (NAICS). Petroleum is no longer shown as a separate industry, instead the various petroleum-related activities are distributed among the major NAICS-based industries to which they belong, e.g. gas stations are in retail trade. Services is no longer shown as a separate industry, instead the various services-related activities are distributed among the major NAICS-based industries such as Information, Professional, Other industries, etc. See Tables 24.12 and 24.13 for 1977-96 detailed estimates.

2/ Beginning with 2002, survey data was largely tabulated for majority-owned (50 percent or more foreign direct investor) affiliates.

3/ The Nonbank U.S. Affiliates series ended with 2006. Beginning with 2007, it was replaced by a series that includes both bank and nonbank affiliates.

Source: U.S. Department of Commerce, *Foreign Direct Investment in the United States, Operations of U.S. Affiliates of Foreign Companies* (annual) and *Foreign Direct Investment in the United States: Benchmark Survey* (various years) and <<http://www.bea.gov/international/di1fdiop.htm>> accessed July 4, 2012; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 24.20-- FOREIGN DIRECT INVESTMENT IN MAJORITY-OWNED AFFILIATES: 2007 TO 2021

[Investment by Hawaii affiliates of U.S. business enterprises owned 50 percent or more, directly or indirectly, by a foreign person. Beginning with statistics for 2007, the BEA is including financial and operating data from both bank and nonbank affiliates. As a consequence, statistics for 2007 and future years are not strictly comparable with statistics from 2006 and earlier, which only covered nonbank affiliates. There is no 'Gross Property, Plant, and Equipment' (GPPE) for 'Majority-Owned' beyond 2007]

Category	GPPE (million dollars)	Employment (1,000 employees)														
	2007	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
All countries 1/	6,184	31.0	27.6	26.7	26.8	29.8	33.7	34.6	37.2	36.7	37.7	39.9	41.8	42.7	41.7	40.3
Japan 1/	4,320	16.6	13.2	12.8	12.7	14.2	15.5	16.0	17.3	17.2	17.3	19.4	21.1	21.2	21.3	21.3
Canada	18	0.6	0.9	0.9	1.0	0.8	0.8	0.7	1.2	1.4	1.3	1.5	1.4	1.3	1.3	1.1
France 1/	680	4.6	4.3	4.5	4.4	5.9	6.0	6.1	6.3	5.7	5.5	5.6	4.3	4.0	3.6	3.3
Germany	250	0.9	0.8	0.7	0.7	0.7	0.9	0.9	1.0	0.9	1.0	1.1	1.6	1.7	1.8	1.8
Netherlands 1/	(D)	0.1	0.1	0.1	0.1	0.3	0.4	0.4	0.3	0.3	0.4	0.1	0.1	0.3	0.3	0.2
Switzerland	39	0.8	0.9	1.0	0.9	1.0	1.2	1.0	0.9	0.8	0.4	0.3	0.4	0.4	0.3	0.3
United Kingdom	58	2.4	3.0	2.3	2.7	2.5	2.4	2.7	2.7	2.8	2.9	2.9	2.3	2.5	2.2	2.2
Other 1/ 2/	(D)	4.9	4.4	4.4	4.3	4.3	6.6	6.8	7.6	7.6	9.0	8.9	10.8	11.2	11.0	9.9
All industries 1/	6,184	31.0	27.6	26.7	26.8	29.8	33.7	34.6	37.2	36.7	37.7	39.9	41.8	42.7	41.7	40.3
Manufacturing 1/	303	2.8	3.4	2.8	3.3	2.8	3.6	3.4	3.3	2.7	2.7	2.9	3.8	3.4	3.1	2.8
Wholesale trade	434	2.5	1.9	1.4	1.3	1.3	1.0	1.0	1.1	2.8	3.0	3.3	3.3	3.6	3.5	3.3
Retail trade	363	3.2	3.3	4.2	4.3	5.5	5.6	5.9	6.0	3.8	3.9	4.7	6.6	6.5	6.7	6.5
Information	150	0.3	0.5	0.4	0.4	0.3	0.3	0.4	0.4	0.4	0.5	0.6	0.5	0.5	0.5	0.5
Finance & ins.	(D)	3.1	2.6	2.6	2.5	2.8	2.9	2.9	2.9	2.9	2.9	3.0	1.0	1.0	0.9	0.9
Real estate & rental & leasing 1/	763	1.3	1.2	1.2	1.2	1.1	(3/)	(3/)	1.2	1.2	1.2	1.4	1.5	1.7	1.7	1.8
Prof., scientific & tech. services	12	0.2	0.1	0.1	0.1	0.3	0.2	0.4	0.5	0.5	0.6	0.6	0.4	0.4	0.4	0.4
Other industries 1/	(D)	17.6	14.5	14.1	13.8	15.6	(4/)	(4/)	21.9	22.4	22.9	23.4	24.8	25.7	24.7	24.0

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Table 24.20-- FOREIGN DIRECT INVESTMENT IN MAJORITY-OWNED AFFILIATES: 2007 TO 2021 -- Con.

D Withheld to avoid disclosing data for individual companies.

1/ 2020 revised from previous *Data Book*.

2/ Countries not shown individually are included in 'Other', specifically, 'Other Europe', 'Other Asia & Pacific' and 'Other'.

3/ Size ranges are given in employment cells that are suppressed. This size range is 1,000 to 2,499.

4/ Size ranges are given in employment cells that are suppressed. This size range is 10,000 to 24,999.

Source: U.S. Bureau of Economic Analysis, International Data, Direct Investment & Multinational Enterprises (MNEs), Foreign Direct Investment in the United States, Data on activities of multinational enterprises, Majority-Owned Bank and Nonbank U.S. Affiliates (data for 2007 and forward), "Gross Property, Plant, and Equipment by State and Country 2007" and "Gross Property, Plant, and Equipment by State and Industry 2007" <<http://www.bea.gov/iTable/iTable.cfm?ReqID=2&step=1>> accessed January 5, 2017; "Employment by State and Country of UBO 2007-2021"; "Employment by State and Industry 2007-2021" <<https://apps.bea.gov/iTable/?ReqID=2&step=1>> accessed October 10, 2023.

**Table 24.21-- FOREIGN DIRECT INVESTMENT IN ALL AFFILIATES:
2007 TO 2021**

[Investment by all Hawaii affiliates of U.S. business enterprises, owned directly or indirectly, by a foreign person. There is neither country nor industry detail available by state, and data on 'Gross property, plant, and equipment' were not collected for 2008 to 2013]

Year	Gross property, plant, & equipment (million dollars)	Employment (1,000 employees)	Year	Gross property, plant, & equipment (million dollars)	Employment (1,000 employees)
2007	6,990	32.4	2015	10,984	38.3
2008	(NA)	29.2	2016	11,801	39.3
2009	(NA)	28.1	2017	12,287	45.8
2010	(NA)	28.5	2018	13,695	44.9
2011	(NA)	31.1	2019	14,128	44.0
2012	(NA)	34.6	2020 ^{1/}	14,591	43.9
2013	(NA)	35.3	2021	14,957	42.5
2014	15,896	38.1			

NA Not available.

^{1/} Revised from previous *Data Book*.

Source: U.S. Bureau of Economic Analysis, International Data, Direct Investment & Multinational Enterprises (MNEs), Foreign direct investment in the United States, Data on activities of multinational enterprises <<https://apps.bea.gov/iTable/?ReqID=2&step=1>> accessed October 10, 2023.