

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.