

**The Economic Benefits of International Education to the
United States for the 2009-2010 Academic Year:
A Statistical Analysis**

NAFSA estimates that foreign students and their dependents contributed approximately \$18.78 billion to the U.S. economy during the 2009-2010 academic year. This conservative figure is based on tuition figures from Wintergreen Orchard House, enrollment figures from the Institute of International Education's *Open Doors 2010* report, living expenses calculated from Wintergreen Orchard House figures and analysis of the data by Jason Baumgartner at Indiana University – Bloomington's Office of International Services.

NAFSA's annual *Economic Impact Statements* estimate the amount of money foreign students bring to the United States to support their education. This report does not rely on a “multiplier effect.” Although this might provide a more accurate estimate of actual economic impact, there is no consensus on the appropriate size of such a multiplier. Along with our partners at the Institute of International Education and Indiana University, we are committed to continuing efforts to improve our data and methodology. By any measure, international education makes a significant contribution to the U.S. economy.

Illinois

Total Number of Foreign Students: 31,093

Part 1: Net Contribution to State Economy by Foreign Students (2009-10)

Contribution from Tuition and Fees to State Economy:	\$694,323,000
Contribution from Living Expenses:	\$567,553,000
Total Contribution by Foreign Students:	\$1,261,877,000
Less U.S. Support of 33.0%	- \$416,677,000
Plus Dependents' Living Expenses:	+ \$24,021,000

Net Contribution to State Economy by Foreign Students and their Families:

\$869,221,000

Part 2: Contribution to State Economy by Foreign Students' Dependents (2009-10)

<i>Spouses' Contribution</i>		<i>Children's Contribution</i>	
Percent of Married Students:	11.5%	Number of Couples in the U.S.:	3,561
Percent of Spouses in the U.S.:	85.0%	Number of Children per Couple:	0.6
Number of Spouses in the U.S.:	3,561	Number of Children in the U.S.:	2,127
Additional Expenses for a Spouse: (% of student living expenses)	25.0%	Additional Expenses for a Child: (% of student living expenses)	20.0%
Spouses' Contribution:	\$16,253,000	Children's Contribution:	\$7,769,000

Net Contribution to State Economy by Foreign Students' Dependents:

\$24,021,000

Part 3: Foreign Student Contribution from Tuition/Fees and Living Expenses (2009-10)

Institution and City	# of Foreign Students	Tuition and Fees (thousands)	Living Expenses and Dependents (thousands)	Less U.S. Support (thousands)	Total Contribution (thousands)
Illinois College of Optometry, Chicago	113	\$2,759.1	\$2,030.8	\$1,498.8	\$3,291.1
Illinois Institute of Technology, Chicago	3739	\$65,098.6	\$64,411.9	\$54,702.9	\$74,807.6
Lutheran School of Theology - Chicago, Chicago	51	\$544.3	\$1,174.0	\$529.8	\$1,188.5
Mccormick Theological Seminary, Chicago	32	\$299.2	\$680.7	\$197.6	\$782.3
University of Chicago, Chicago	2900	\$113,031.5	\$80,278.1	\$57,118.7	\$136,190.9
VanderCook College of Music, Chicago	***	\$101.3	\$101.1	\$17.4	\$184.9

Congressional District: 01 | Bobby L. Rush (D)

\$216,445.2

Institution and City	# of Foreign Students	Tuition and Fees (thousands)	Living Expenses and Dependents (thousands)	Less U.S. Support (thousands)	Total Contribution (thousands)
Chicago State University, Chicago	20	\$268.9	\$331.1	\$82.2	\$517.8
Governors State University, University Park	289	\$2,530.3	\$3,619.5	\$856.2	\$5,293.6

Prairie State College, Chicago Heights	***	\$63.6	\$186.3	\$11.2	\$238.6
South Suburban College, South Holland	***	\$20.5	\$41.4	\$2.8	\$59.1
Congressional District: 02 Jesse L. Jackson, Jr. (D)					\$6,109.2
Institution and City	# of Foreign Students	Tuition and Fees (thousands)	Living Expenses and Dependents (thousands)	Less U.S. Support (thousands)	Total Contribution (thousands)
Moraine Valley Community College, Palos Hills	262	\$2,232.2	\$4,322.2	\$331.4	\$6,223.0
Morton College, Cicero	***	\$53.8	\$144.9	\$9.4	\$189.3
Saint Xavier University, Chicago	37	\$776.2	\$671.2	\$198.5	\$1,248.8
Trinity Christian College, Palos Heights	22	\$420.9	\$375.0	\$118.7	\$677.2
Congressional District: 03 Daniel Lipinski (D)					\$8,338.4
Institution and City	# of Foreign Students	Tuition and Fees (thousands)	Living Expenses and Dependents (thousands)	Less U.S. Support (thousands)	Total Contribution (thousands)
DeVry University - Illinois, Chicago	229	\$1,370.3	\$4,899.8	\$590.8	\$5,679.3
North Park University, Chicago	131	\$1,954.9	\$1,896.5	\$517.7	\$3,333.7
Northeastern Illinois University, Chicago	308	\$3,245.0	\$5,163.8	\$1,086.2	\$7,322.6
Triton College, River Grove	108	\$873.6	\$2,093.2	\$133.3	\$2,833.5
Congressional District: 05 Mike Quigley (D)					\$19,169.1
Institution and City	# of Foreign Students	Tuition and Fees (thousands)	Living Expenses and Dependents (thousands)	Less U.S. Support (thousands)	Total Contribution (thousands)
College of DuPage, Glen Ellyn	112	\$1,124.3	\$2,185.6	\$156.0	\$3,154.0
Elmhurst College, Elmhurst	37	\$817.3	\$524.0	\$184.4	\$1,156.8
Northern Baptist Theological Seminary, Lombard	***	\$51.6	\$113.6	\$50.0	\$115.1
Wheaton College, Wheaton	77	\$1,944.8	\$1,233.7	\$596.5	\$2,582.0
Congressional District: 06 Peter J. Roskam (R)					\$7,008.0
Institution and City	# of Foreign Students	Tuition and Fees (thousands)	Living Expenses and Dependents (thousands)	Less U.S. Support (thousands)	Total Contribution (thousands)
Adler School of Professional Psychology, Chicago	44	\$773.0	\$970.0	\$542.4	\$1,200.5
American Academy of Art, Chicago	***	\$76.3	\$62.5	\$11.9	\$126.8
Chicago School of Professional Psychology, Chicago	71	\$1,141.9	\$1,561.2	\$837.6	\$1,865.5
City College of Chicago - Harold Washington College, Chicago	190	\$1,794.2	\$4,312.3	\$272.5	\$5,834.0
Concordia University Chicago, River Forest	***	\$114.8	\$82.8	\$28.3	\$169.2
DePaul University, Chicago	1092	\$24,633.8	\$25,282.0	\$17,201.3	\$32,714.5
Dominican University, River Forest	121	\$2,663.9	\$2,051.6	\$644.3	\$4,071.3
International Academy of Design and Technology, Chicago	19	\$418.4	\$381.0	\$165.1	\$634.4

Kendall College, Chicago	155	\$2,377.8	\$1,345.4	\$556.0	\$3,167.2
National-Louis University, Chicago	***	\$114.6	\$141.1	\$35.9	\$219.8
Robert Morris College, Chicago	43	\$780.1	\$966.2	\$307.9	\$1,438.5
Roosevelt University, Chicago	406	\$5,252.5	\$7,852.3	\$1,817.0	\$11,287.8
Rush University, Chicago	45	\$929.4	\$793.5	\$379.7	\$1,343.1
School of the Art Institute of Chicago, Chicago	597	\$17,709.6	\$11,658.6	\$4,119.1	\$25,249.0
The John Marshall Law School, Chicago	59	\$1,713.3	\$1,196.6	\$857.5	\$2,052.4
University of Illinois - Chicago, Chicago	2503	\$47,496.7	\$38,166.9	\$40,105.4	\$45,558.2

Congressional District: 07 | Danny K. Davis (D) \$136,932.2

Institution and City	# of Foreign Students	Tuition and Fees (thousands)	Living Expenses and Dependents (thousands)	Less U.S. Support (thousands)	Total Contribution (thousands)
College of Lake County, Grayslake	126	\$931.6	\$2,563.3	\$164.9	\$3,330.1
McHenry County College, Crystal Lake	125	\$1,233.9	\$2,616.1	\$171.9	\$3,678.1

Congressional District: 08 | Joe Walsh (R) \$7,008.2

Institution and City	# of Foreign Students	Tuition and Fees (thousands)	Living Expenses and Dependents (thousands)	Less U.S. Support (thousands)	Total Contribution (thousands)
Garrett-Evangelical Theological Seminary, Evanston	41	\$412.6	\$1,099.5	\$464.2	\$1,047.9
Loyola University Chicago, Chicago	467	\$11,796.6	\$12,194.9	\$8,121.3	\$15,870.2
Northwestern University, Evanston	2426	\$82,384.4	\$59,542.0	\$58,750.6	\$83,175.8
Oakton Community College, Des Plaines	175	\$1,628.6	\$3,453.3	\$227.0	\$4,854.9
Saint Augustine College, Chicago	14	\$90.1	\$314.0	\$18.2	\$385.8

Congressional District: 09 | Jan Schakowsky (D) \$105,334.6

Institution and City	# of Foreign Students	Tuition and Fees (thousands)	Living Expenses and Dependents (thousands)	Less U.S. Support (thousands)	Total Contribution (thousands)
Harper College, Palatine	104	\$1,017.5	\$2,190.8	\$158.2	\$3,050.1
Lake Forest College, Lake Forest	145	\$4,515.2	\$2,353.1	\$1,026.0	\$5,842.3
Rosalind Franklin Univ. of Medicine and Science, North Chicago	95	\$2,069.0	\$1,863.9	\$871.8	\$3,061.2
Trinity College of Trinity International University, Deerfield	21	\$470.8	\$347.4	\$95.2	\$722.9
Trinity Evangelical Divinity School, Deerfield	159	\$2,513.1	\$2,315.8	\$1,486.3	\$3,342.5

Congressional District: 10 | Robert Dold (R) \$16,019.0

Institution and City	# of Foreign Students	Tuition and Fees (thousands)	Living Expenses and Dependents (thousands)	Less U.S. Support (thousands)	Total Contribution (thousands)
Heartland Community College, Normal	30	\$201.7	\$468.7	\$32.0	\$638.4
Illinois State University, Normal	458	\$6,306.3	\$6,715.9	\$4,769.0	\$8,253.3
Illinois Valley Community College, Oglesby	***	\$7.3	\$20.7	\$1.3	\$26.7

Illinois Wesleyan University, Bloomington	91	\$2,873.7	\$1,511.7	\$640.0	\$3,745.4
Joliet Junior College, Joliet	18	\$176.0	\$377.7	\$24.7	\$529.1
Kankakee Community College, Kankakee	11	\$81.5	\$207.0	\$13.0	\$275.4
University of Saint Francis, Joliet	***	\$91.4	\$76.4	\$24.0	\$143.8

Congressional District: 11 | Adam Kinzinger (R) \$13,612.1

Institution and City	# of Foreign Students	Tuition and Fees (thousands)	Living Expenses and Dependents (thousands)	Less U.S. Support (thousands)	Total Contribution (thousands)
John A. Logan College, Carterville	30	\$234.9	\$609.5	\$37.6	\$806.9
McKendree University, Lebanon	44	\$863.9	\$759.2	\$242.3	\$1,380.8
Southern Illinois University - Carbondale, Carbondale	1456	\$30,885.7	\$22,248.0	\$21,884.8	\$31,248.9

Congressional District: 12 | Jerry Costello (D) \$33,436.6

Institution and City	# of Foreign Students	Tuition and Fees (thousands)	Living Expenses and Dependents (thousands)	Less U.S. Support (thousands)	Total Contribution (thousands)
Benedictine University, Lisle	36	\$654.4	\$540.6	\$163.7	\$1,031.3
Lewis University, Romeoville	43	\$816.4	\$690.2	\$209.5	\$1,297.1
North Central College, Naperville	60	\$1,395.9	\$1,070.8	\$289.6	\$2,177.1

Congressional District: 13 | Judy Biggert (R) \$4,505.5

Institution and City	# of Foreign Students	Tuition and Fees (thousands)	Living Expenses and Dependents (thousands)	Less U.S. Support (thousands)	Total Contribution (thousands)
Aurora University, Aurora	***	\$36.1	\$32.1	\$9.8	\$58.4
Elgin Community College, Elgin	78	\$1,105.6	\$1,357.3	\$109.9	\$2,352.9
Northern Illinois University, DeKalb	1054	\$10,983.5	\$16,366.7	\$11,233.6	\$16,116.5
Sauk Valley Community College, Dixon	20	\$170.7	\$398.4	\$26.3	\$542.9
Waubonsee Community College, Sugar Grove	10	\$86.9	\$207.0	\$13.2	\$280.6

Congressional District: 14 | Randy Hultgren (R) \$19,351.4

Institution and City	# of Foreign Students	Tuition and Fees (thousands)	Living Expenses and Dependents (thousands)	Less U.S. Support (thousands)	Total Contribution (thousands)
Eastern Illinois University, Charleston	205	\$2,861.2	\$2,417.5	\$742.2	\$4,536.5
Lake Land College, Mattoon	66	\$626.1	\$1,389.8	\$96.4	\$1,919.5
Parkland College, Champaign	332	\$3,620.3	\$6,606.2	\$508.8	\$9,717.7
University of Illinois - Urbana-Champaign, Champaign	7287	\$185,009.2	\$132,942.5	\$109,323.5	\$208,628.2

Congressional District: 15 | Timothy V. Johnson (R) \$224,801.8

Institution and City	# of Foreign Students	Tuition and Fees (thousands)	Living Expenses and Dependents (thousands)	Less U.S. Support (thousands)	Total Contribution (thousands)
Highland Community College, Freeport	***	\$18.0	\$62.1	\$3.6	\$76.4
Kishwaukee College, Malta	22	\$182.8	\$439.8	\$28.7	\$594.0
Rockford College, Rockford	27	\$655.1	\$497.8	\$132.9	\$1,020.0
Congressional District: 16 Donald Manzullo (R)					\$1,690.4

Institution and City	# of Foreign Students	Tuition and Fees (thousands)	Living Expenses and Dependents (thousands)	Less U.S. Support (thousands)	Total Contribution (thousands)
Augustana College, Rock Island	30	\$939.8	\$532.6	\$219.7	\$1,252.7
Black Hawk College - Quad Cities Campus, Moline	18	\$139.7	\$357.0	\$22.1	\$474.6
Carl Sandburg College, Galesburg	10	\$44.3	\$155.7	\$9.4	\$190.6
Knox College, Galesburg	98	\$3,094.4	\$1,571.0	\$686.3	\$3,979.0
Millikin University, Decatur	***	\$180.3	\$121.1	\$42.1	\$259.3
Spoon River College, Canton	12	\$65.5	\$248.4	\$14.1	\$299.8
Western Illinois University, Macomb	505	\$4,912.4	\$7,578.8	\$1,687.8	\$10,803.3
Congressional District: 17 Bobby Schilling (R)					\$17,259.4

Institution and City	# of Foreign Students	Tuition and Fees (thousands)	Living Expenses and Dependents (thousands)	Less U.S. Support (thousands)	Total Contribution (thousands)
Bradley University, Peoria	258	\$6,020.1	\$4,554.4	\$1,490.5	\$9,084.1
Eureka College, Eureka	***	\$81.5	\$78.4	\$24.0	\$136.0
Illinois Central College, East Peoria	68	\$372.5	\$1,021.0	\$62.2	\$1,331.3
Illinois College, Jacksonville	28	\$585.2	\$476.5	\$139.0	\$922.7
Springfield College in Illinois, Springfield	***	\$19.0	\$29.7	\$2.2	\$46.5
Congressional District: 18 Aaron Schock (R)					\$11,520.5

Institution and City	# of Foreign Students	Tuition and Fees (thousands)	Living Expenses and Dependents (thousands)	Less U.S. Support (thousands)	Total Contribution (thousands)
Greenville College, Greenville	22	\$441.4	\$351.2	\$118.3	\$674.3
Kaskaskia College, Centralia	***	\$59.5	\$124.2	\$8.3	\$175.4
Lewis and Clark Community College, Godfrey	***	\$53.2	\$124.2	\$8.0	\$169.4
Principia College, Elsah	100	\$2,225.7	\$1,783.7	\$598.0	\$3,411.4
Rend Lake College, Ina	17	\$81.6	\$357.0	\$19.5	\$419.1
Southern Illinois University - Edwardsville, Edwardsville	411	\$5,539.7	\$5,578.8	\$1,527.6	\$9,590.8
University of Illinois - Springfield, Springfield	347	\$2,887.6	\$4,360.4	\$1,009.0	\$6,239.0
Congressional District: 19 John Shimkus (R)					\$20,679.5

Methodology: How We Compute Economic Impact (2010)

We define economic impact as the amount of money that foreign students collectively bring into the United States to pay for their education and to support themselves while they (and in some cases, their families) are here. The goal of our economic impact formula is to use data already collected for other purposes to provide a reasonable estimate of the economic resources that foreign students import to the United States to support their education here each year.

The data sets used for these reports come from two sources:

1. The Institute of International Education's *Open Doors 2010* report, funded by the Department of State, provides numbers of foreign students at universities and colleges throughout the United States during the 2009-10 academic year. In many cases, this data provide separate totals for undergraduate, graduate, and non degree students. (<http://www.iie.org/opendoors>)
2. Wintergreen Orchard House provides cost figures for tuition, living, and miscellaneous expenses at U.S. institutions for the 2009-10 academic year (<http://www.wintergreenorchardhouse.com/>).

The extensive data provided by these two sources (which collect it directly from surveys of the institutions involved) allow us to make our estimates sensitive to differences between institutions. However, there are still areas where our estimates and formulas could be improved. For example, we compute economic impact only for students reported in *Open Doors*. Universities that do not provide information to the Institute of International Education are not represented. Also, enrollment reports represent peak enrollment, and not necessarily enrollment levels throughout the year.

Estimating Expenses

Tuition, fees, living expenses, and dollar estimates are derived from Wintergreen Orchard House's data collected on surveys completed by institutions every year. We try to make our calculations sensitive not only to differing costs at institutions, but differing costs for ESL students, undergraduates, graduate students, and students on practical training.

1. Undergraduates and English Language Programs:
The number of undergraduate students at an institution is specified by *Open Doors* data. Wintergreen Orchard House's data provide undergraduate tuition and fee amounts, on-campus room and board amounts, and miscellaneous expenses. These categories are sometimes broken down into averages for international, out-of-state, flat rate, and in-state, students. When multiple averages are available, we choose averages in the order given above.

2. Graduate Students:

The number of graduate students at an institution is specified by *Open Doors* data. Wintergreen Orchard Houses' data provide graduate tuition and fee amounts, on-campus room and board amounts, and miscellaneous expenses. If there are no differentiated graduate expenses provided by an institution in the Wintergreen Orchard House's data, then the undergraduate expenses would be applied.

3. Students on Practical Training:

We assume these students earn enough in their U.S. jobs to pay living and educational expenses for the year, and so import no funds for their support. Therefore, net economic impact of students in practical training is zero.

Economic impact of an international student equals tuition and fees, plus room and board, plus miscellaneous figured at 50 percent of room and board, less U.S. support. We assume: (a) that spring enrollment figures are the same as the fall figures reported, (b) that all students are enrolled full time for two semesters or three quarters a year, and (c) that students live on campus for the full year. The miscellaneous expenses, enumerated in Wintergreen Orchard House's data, average about 40 percent of room and board expenses. We use a 50 percent figure as an approximation that includes all extra expenses except for travel.

Estimating U.S. Support

The *Open Doors* survey asks schools to report the percentage of their students who are self funded, the percentage that have U.S. source income, etc. The U.S. support percentage includes funding from a U.S. college or university, the U.S. Government, a U.S. private sponsor or current employment. For this analysis the percentages are calculated based upon the institution's Carnegie classification and the academic career of the student. For example, this process will differentiate the level of support between undergraduates and graduates at a particular research institution while it also differentiates between a baccalaureate classified institution from an associate's classified institution.

Individual Institution Enrollment Figures

For institutions with fewer than 10 international students enrolled, enrollment totals are suppressed for confidentiality reasons. In the reports, this is indicated by three asterisks (***)