



**The Economic Benefits of International Education to the
United States for the 2007-2008 Academic Year:
A Statistical Analysis**

NAFSA estimates that foreign students and their dependents contributed approximately \$15.54 billion to the U.S. economy during the 2007-2008 academic year. This conservative figure is based on tuition figures from Peterson's, enrollment figures from the Institute of International Education's *Open Doors 2008* report, living expenses calculated from Peterson's 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.

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New York

Total Number of Foreign Students: 69,940

Part 1: Net Contribution to State Economy by Foreign Students (2007-08)

Contribution from Tuition and Fees to State Economy:	\$1,305,039,000
Contribution from Living Expenses:	\$1,427,121,000
Total Contribution by Foreign Students:	\$2,732,160,000
Less U.S. Support of 30.6%	- \$834,989,000
Plus Dependents' Living Expenses:	+ \$55,523,000

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

\$1,952,694,000

Part 2: Contribution to State Economy by Foreign Students' Dependents (2007-08)

Spouses' Contribution

Percent of Married Students:	10.7%
Percent of Spouses in the U.S.:	85.0%
Number of Spouses in the U.S.:	7,491
Additional Expenses for a Spouse: (% of student living expenses)	25.0%
Spouses' Contribution:	\$37,517,000

Children's Contribution

Number of Couples in the U.S.:	7,491
Number of Children per Couple:	0.6
Number of Children in the U.S.:	4,482
Additional Expenses for a Child: (% of student living expenses)	20.0%
Children's Contribution:	\$18,006,000

Net Contribution to State Economy by Foreign Students' Dependents:

\$55,523,000

Part 3: Foreign Student Contribution from Tuition/Fees and Living Expenses (2007-08)

Institution and City	# of Foreign Students	Tuition and Fees (thousands)	Living Expenses and Dependents (thousands)	Less U.S. Support (thousands)	Total Contribution (thousands)
Adelphi University, Garden City	277	\$5,813.8	\$6,062.7	\$2,653.5	\$9,222.9
Albany College of Pharmacy, Albany	115	\$2,397.1	\$2,013.5	\$31.7	\$4,379.0
Albany Law School, Albany	14	\$536.1	\$307.0	\$167.6	\$675.5
Albany Medical College, Albany	38	\$646.0	\$841.7	\$1,004.9	\$482.8
Alfred University, Alfred	99	\$2,205.4	\$2,178.5	\$470.4	\$3,913.5
Bard College, Annandale-on-Hudson	161	\$5,516.6	\$3,758.0	\$4,463.2	\$4,811.5
Barnard College, New York	87	\$2,885.6	\$2,268.1	\$2,551.6	\$2,602.2
Berkeley College - New Jersey, New York	54	\$889.4	\$1,056.7	\$85.5	\$1,860.6
Berkeley College - New York, New York	647	\$10,236.6	\$14,125.4	\$1,067.7	\$23,294.3
Bramson Ort College, Forest Hills	13	\$121.3	\$297.8	\$15.6	\$403.4
Canisius College, Buffalo	502	\$14,973.3	\$10,636.6	\$3,329.2	\$22,280.7
Cazenovia College, Cazenovia	***	\$64.5	\$63.4	\$32.9	\$94.9
Christ the King Seminary, East Aurora	***	\$20.2	\$45.8	\$20.9	\$45.1

Clarkson University, Potsdam	276	\$8,048.2	\$6,915.2	\$5,537.5	\$9,425.9
Colgate Rochester Crozer Divinity School, Rochester	***	\$35.2	\$78.0	\$42.1	\$71.2
Colgate University, Hamilton	142	\$4,933.5	\$2,734.2	\$3,873.2	\$3,794.4
College of New Rochelle, New Rochelle	22	\$402.9	\$340.7	\$97.1	\$646.6
College of St. Rose, Albany	42	\$698.6	\$729.9	\$186.1	\$1,242.5
Columbia University, New York	6297	\$184,963.5	\$126,379.2	\$141,917.2	\$169,425.5
Cooper Union, New York	106	\$146.5	\$3,041.2	\$749.2	\$2,438.4
Cornell University, Ithaca	3928	\$113,977.3	\$81,524.7	\$76,764.9	\$118,737.1
Corning Community College, Corning	***	\$21.3	\$68.7	\$3.4	\$86.6
Culinary Institute of America, Hyde Park	154	\$3,273.7	\$3,062.1	\$1,606.0	\$4,729.8
CUNY Baruch College, New York	1663	\$13,386.2	\$30,319.3	\$5,493.0	\$38,212.5
CUNY Borough of Manhattan Community College, New York	1602	\$8,856.5	\$37,114.9	\$1,694.2	\$44,277.3
CUNY Bronx Community College, Bronx	210	\$872.6	\$4,958.6	\$214.8	\$5,616.5
CUNY Brooklyn College, Brooklyn	597	\$4,785.7	\$12,499.3	\$2,170.1	\$15,114.9
CUNY City College of New York, New York	1040	\$8,330.1	\$18,839.7	\$3,415.6	\$23,754.2
CUNY College of Staten Island, Staten Island	431	\$3,470.6	\$5,024.6	\$1,071.4	\$7,423.8
CUNY Graduate School and University Center, New York	1073	\$19,420.6	\$27,850.1	\$21,813.4	\$25,457.3
CUNY Hunter College, New York	918	\$8,010.7	\$10,431.7	\$2,354.8	\$16,087.6
CUNY John Jay College of Criminal Justice, New York	210	\$1,664.3	\$4,759.5	\$825.9	\$5,597.8
CUNY Kingsborough Community College, Brooklyn	236	\$1,151.7	\$3,001.9	\$153.3	\$4,000.3
CUNY LaGuardia Community College, Long Island City	796	\$3,726.3	\$17,887.9	\$727.5	\$20,886.7
CUNY Lehman College, Bronx	160	\$1,597.0	\$2,922.2	\$569.2	\$3,949.9
CUNY Medgar Evers College, Brooklyn	127	\$885.4	\$2,307.5	\$304.4	\$2,888.5
CUNY New York City College of Technology, Brooklyn	227	\$1,962.8	\$4,038.2	\$642.4	\$5,358.5
CUNY Queens College, Flushing	671	\$5,437.3	\$14,045.7	\$2,446.2	\$17,036.7
CUNY Queensborough Community College, Bayside	1158	\$5,395.1	\$26,019.2	\$1,057.5	\$30,356.8
CUNY York College, Jamaica	116	\$979.0	\$3,225.1	\$999.9	\$3,204.2
Daemen College, Amherst	284	\$5,325.0	\$5,896.1	\$1,299.8	\$9,921.3
Davis College, Johnson City	13	\$133.3	\$180.1	\$105.4	\$207.9
DeVry University - Long Island City, Long Island City	29	\$424.6	\$690.6	\$10.9	\$1,104.3
Dominican College, Orangeburg	16	\$304.4	\$354.4	\$83.4	\$575.4
Dowling College, Oakdale	386	\$7,649.7	\$8,555.5	\$2,106.4	\$14,098.7
Dutchess Community College, Poughkeepsie	31	\$186.5	\$534.0	\$26.6	\$694.0
D'Youville College, Buffalo	1087	\$13,340.5	\$18,395.7	\$4,158.9	\$27,577.2
Erie Community College - North Campus, Williamsville	76	\$479.9	\$1,767.1	\$82.8	\$2,164.2
Finger Lakes Community College, Canandaigua	***	\$26.4	\$91.6	\$4.4	\$113.7
Five Towns College, Dix Hills	33	\$546.7	\$735.6	\$287.1	\$995.2
Fordham University, Bronx	698	\$15,242.2	\$17,460.0	\$11,441.3	\$21,260.9
Genesee Community College, Batavia	118	\$494.4	\$1,295.4	\$66.0	\$1,723.8
Hamilton College, Clinton	97	\$3,575.4	\$2,173.6	\$2,902.8	\$2,846.2

Hartwick College, Oneonta	43	\$1,321.4	\$864.1	\$1,102.5	\$1,083.0
Hebrew Union College - Jewish Institute of Religion, NY, New York	***	\$70.8	\$183.7	\$83.6	\$170.9
Herkimer County Community College, Herkimer	93	\$475.9	\$1,589.5	\$76.2	\$1,989.2
Hilbert College, Hamburg	***	\$49.8	\$42.3	\$23.7	\$68.4
Hobart and William Smith Colleges, Geneva	40	\$1,395.3	\$838.2	\$1,075.4	\$1,158.0
Hofstra University, Hempstead	232	\$4,932.0	\$6,118.4	\$2,398.0	\$8,652.3
Houghton College, Houghton	52	\$1,124.2	\$813.4	\$975.7	\$961.9
Hudson Valley Community College, Troy	125	\$1,071.6	\$2,999.6	\$150.1	\$3,921.2
Iona College, New Rochelle	72	\$1,607.1	\$1,662.1	\$414.5	\$2,854.7
Ithaca College, Ithaca	159	\$4,274.5	\$4,112.3	\$1,054.7	\$7,332.1
Jewish Theological Seminary of America, New York	21	\$370.1	\$436.7	\$267.5	\$539.3
Juilliard School, New York	225	\$5,484.3	\$5,009.0	\$149.9	\$10,343.4
Keuka College, Keuka Park	***	\$82.2	\$80.6	\$41.9	\$120.9
Laboratory Institute of Merchandising, New York	***	\$149.0	\$270.2	\$26.8	\$392.4
Le Moyne College, Syracuse	21	\$344.4	\$412.9	\$95.4	\$662.0
Long Island University - C.W. Post Campus, Brookville	416	\$9,757.2	\$8,869.1	\$4,161.8	\$14,464.5
Manhattan College, Riverdale	77	\$1,445.2	\$1,424.8	\$354.8	\$2,515.2
Manhattan School of Music, New York	276	\$7,601.1	\$7,745.6	\$216.9	\$15,129.8
Manhattanville College, Purchase	191	\$4,867.5	\$4,823.4	\$1,229.4	\$8,461.5
Marist College, Poughkeepsie	66	\$1,538.6	\$1,622.5	\$417.0	\$2,744.0
Marymount Manhattan College, New York	53	\$1,050.6	\$1,496.2	\$1,253.6	\$1,293.2
Mercy College, Dobbs Ferry	126	\$1,601.2	\$2,459.0	\$511.8	\$3,548.4
Metropolitan College of New York, New York	36	\$418.0	\$367.8	\$101.8	\$684.0
Mohawk Valley Community College, Utica	81	\$478.8	\$1,215.4	\$47.6	\$1,646.6
Monroe College, New Rochelle	360	\$3,408.2	\$8,265.6	\$765.0	\$10,908.8
Nassau Community College, Garden City	1171	\$7,870.6	\$27,219.9	\$1,228.7	\$33,861.8
New York Institute of Technology - Old Westbury, Old Westbury	1337	\$25,948.1	\$29,879.0	\$7,261.3	\$48,565.7
New York Medical College, Valhalla	62	\$1,031.7	\$1,397.2	\$1,448.7	\$980.2
New York School of Interior Design, New York	68	\$1,182.9	\$1,195.2	\$34.4	\$2,343.7
New York University, New York	6404	\$195,047.8	\$167,173.4	\$161,183.7	\$201,037.6
Niagara County Community College, Sanborn	27	\$137.8	\$628.7	\$28.2	\$738.3
Niagara University, Niagara University	738	\$12,574.2	\$16,400.5	\$3,736.4	\$25,238.2
North Country Community College, Saranac Lake	19	\$167.4	\$357.9	\$17.9	\$507.4
Nyack College, Nyack	162	\$2,596.1	\$2,344.0	\$944.7	\$3,995.4
Onondaga Community College, Syracuse	39	\$263.0	\$767.3	\$34.7	\$995.7
Pace University - New York City Campus, New York	999	\$25,483.5	\$20,386.1	\$9,975.1	\$35,894.5
Polytechnic Institute of NYU, Brooklyn	1145	\$23,726.1	\$24,165.0	\$18,568.1	\$29,323.0
Pratt Institute, Brooklyn	942	\$22,567.7	\$23,179.1	\$796.4	\$44,950.4
Rensselaer Polytechnic Institute - Troy Campus, Troy	773	\$24,885.3	\$17,623.5	\$19,873.1	\$22,635.7
Roberts Wesleyan College, Rochester	28	\$606.4	\$522.5	\$144.6	\$984.3
Rochester Institute of Technology, Rochester	1174	\$28,897.0	\$23,362.4	\$6,631.0	\$45,628.4
Rockefeller University, New York	78	\$1,280.7	\$1,884.1	\$2,133.3	\$1,031.5

Sage College of Albany, Albany	***	\$37.3	\$42.3	\$10.2	\$69.4
Sage Graduate School, Albany	***	\$41.2	\$41.8	\$23.5	\$59.5
Saint Bonaventure University, St. Bonaventure	44	\$1,038.6	\$837.2	\$242.2	\$1,633.6
Saint Joseph's Seminary and College, Yonkers	16	\$161.8	\$382.5	\$180.0	\$364.3
Saint Lawrence University, Canton	126	\$4,200.8	\$2,574.9	\$3,258.4	\$3,517.3
Sarah Lawrence College, Bronxville	50	\$1,790.2	\$1,433.4	\$1,550.2	\$1,673.4
School of Visual Arts, New York	762	\$15,307.1	\$17,335.3	\$411.2	\$32,231.3
Seminary of the Immaculate Conception, Huntington	***	\$70.8	\$170.6	\$73.2	\$168.2
Siena College, Loudonville	13	\$226.9	\$209.7	\$221.6	\$214.9
Skidmore College, Saratoga Sprngs	24	\$847.8	\$540.3	\$674.2	\$713.8
St Joseph's College - Brooklyn Campus, Brooklyn	18	\$244.5	\$388.0	\$153.5	\$479.0
St. Francis College, Brooklyn Heights	148	\$2,073.9	\$2,134.6	\$2,019.5	\$2,188.9
St. John's University, Jamaica	1207	\$28,126.9	\$30,967.7	\$13,445.5	\$45,649.1
SUNY Alfred State College, Alfred	68	\$540.7	\$1,308.5	\$198.4	\$1,650.8
SUNY Binghamton University, Binghamton	2014	\$22,384.1	\$39,010.4	\$17,934.5	\$43,460.0
SUNY Brockport, Brockport	86	\$875.0	\$1,484.0	\$289.8	\$2,069.2
SUNY Broome Community College, Binghamton	101	\$629.3	\$1,866.4	\$84.2	\$2,411.5
SUNY Buffalo State College, Buffalo	133	\$1,372.9	\$2,262.5	\$441.6	\$3,193.8
SUNY Cobleskill, Cobleskill	70	\$770.5	\$1,372.3	\$229.1	\$1,913.7
SUNY College at Old Westbury, Old Westbury	60	\$652.1	\$1,147.7	\$861.1	\$938.6
SUNY College at Oneonta, Oneonta	108	\$1,227.7	\$2,020.8	\$595.4	\$2,653.2
SUNY College at Plattsburgh, Plattsburgh	433	\$5,195.0	\$7,687.0	\$1,637.8	\$11,244.2
SUNY College of Environmental Science and Forestry, Syracuse	127	\$1,278.8	\$2,991.5	\$1,368.7	\$2,901.6
SUNY Cortland, Cortland	81	\$806.4	\$1,490.8	\$292.6	\$2,004.6
SUNY Downstate Medical Center, Brooklyn	47	\$639.6	\$1,500.3	\$1,382.9	\$756.9
SUNY Empire State College, Saratoga Springs	10	\$108.4	\$229.1	\$62.2	\$275.2
SUNY Fashion Institute of Technology, New York	1105	\$9,197.3	\$17,789.3	\$2,637.7	\$24,348.8
SUNY Fredonia, Fredonia	77	\$802.5	\$1,374.0	\$278.7	\$1,897.8
SUNY Fulton-Montgomery Community College, Johnstown	73	\$458.4	\$1,629.7	\$76.8	\$2,011.2
SUNY Geneseo, Geneseo	121	\$1,282.6	\$2,108.0	\$400.8	\$2,989.8
SUNY New Paltz, New Paltz	603	\$6,033.6	\$10,110.4	\$2,035.7	\$14,108.4
SUNY Orange County Community College, Middletown	18	\$107.7	\$395.1	\$17.0	\$485.9
SUNY Oswego, Oswego	131	\$1,516.0	\$3,000.8	\$555.0	\$3,961.9
SUNY Potsdam, Potsdam	458	\$5,028.0	\$8,955.5	\$1,817.0	\$12,166.5
SUNY Purchase College, Purchase	133	\$1,442.0	\$2,716.9	\$1,908.6	\$2,250.3
SUNY Rockland Community College, Suffern	200	\$1,168.9	\$4,204.3	\$198.1	\$5,175.0
SUNY State College of Optometry, New York	28	\$447.8	\$680.6	\$20.7	\$1,107.7
SUNY Stony Brook University, Stony Brook	2626	\$27,429.6	\$49,195.8	\$30,394.9	\$46,230.5
SUNY Ulster County Community College, Stone Ridge	***	\$49.5	\$160.3	\$7.0	\$202.8
SUNY University at Albany, Albany	1131	\$11,860.5	\$21,599.5	\$14,366.8	\$19,093.2
SUNY University at Buffalo, Buffalo	4363	\$45,328.9	\$73,239.2	\$43,256.1	\$75,312.0
SUNY Upstate Medical University, Syracuse	74	\$1,499.8	\$1,507.5	\$1,814.6	\$1,192.6
SUNY Westchester Community College, Valhalla	243	\$2,184.3	\$5,645.0	\$288.9	\$7,540.5

Syracuse University, Syracuse	2307	\$43,719.0	\$53,480.1	\$35,665.4	\$61,533.7
Teachers College, Columbia University, New York	658	\$10,694.1	\$15,325.1	\$11,928.6	\$14,090.7
The New School, New York	2105	\$43,337.9	\$54,767.0	\$20,797.7	\$77,307.2
Tompkins-Cortland Community College, Dryden	158	\$1,191.0	\$1,941.1	\$70.3	\$3,061.8
Touro College, New York	178	\$2,208.0	\$3,527.8	\$726.6	\$5,009.2
Trocaire College, Buffalo	***	\$65.1	\$114.1	\$6.7	\$172.5
Union College, Schenectady	68	\$1,749.9	\$1,589.6	\$1,488.9	\$1,850.6
Union Theological Seminary, New York	15	\$131.5	\$337.8	\$143.2	\$326.1
United States Merchant Marine Academy, Kings Point	26	\$265.7	\$605.8	\$221.7	\$649.8
University of Rochester, Rochester	1495	\$47,612.1	\$35,678.3	\$36,576.4	\$46,714.0
Utica College, Utica	54	\$1,178.4	\$1,130.9	\$461.5	\$1,847.8
Vassar College, Poughkeepsie	170	\$5,831.6	\$3,138.3	\$4,451.1	\$4,518.8
Vaughn College of Aeronautics and Technology, Flushing	36	\$457.0	\$730.1	\$127.2	\$1,059.9
Villa Maria College of Buffalo, Buffalo	***	\$36.8	\$57.0	\$2.7	\$91.2
Wagner College, Staten Island	17	\$472.0	\$337.6	\$93.0	\$716.6
Wells College, Aurora	10	\$160.3	\$163.6	\$164.4	\$159.5
Yeshiva University, New York	437	\$9,790.3	\$9,865.3	\$8,110.7	\$11,544.9

Methodology: How We Compute Economic Impact (2008)

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 2008* report, funded by the Department of State, provides numbers of foreign students at universities and colleges throughout the United States during the 2007-08 academic year. In many cases, this data provide separate totals for undergraduate, graduate, and non degree students. (<http://opendoors.iienetwork.org>)
2. Peterson's provides cost figures for tuition, living, and miscellaneous expenses at U.S. institutions for the 2007-08 academic year. (<http://www.petersons.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 Peterson'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. Peterson'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. Peterson's 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 Peterson'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 Peterson'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 who 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 (***)