



**The Economic Benefits of International Education to the United States for the 2004-2005 Academic Year:
A Statistical Analysis**

NAFSA estimates that foreign students and their dependents contributed approximately \$13.29 billion to the U.S. economy during the 2004-2005 academic year. This conservative figure is based on tuition figures from the College Board, enrollment figures from the Institute of International Education's *Open Doors 2005* report, living expenses calculated from College Board figures and analysis of the data by Lynn Schoch and 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, the College Board, 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.

New York

Total Number of Foreign Students: 61,944

Part 1: Net Contribution to State Economy by Foreign Students (2004-05)

Contribution from Tuition and Fees to State Economy:	\$1,127,603,000
Contribution from Living Expenses:	\$1,198,781,000
Total Contribution by Foreign Students:	\$2,326,384,000
Less U.S. Support of 29.4%	- \$683,214,000
Plus Dependents' Living Expenses:	+ \$50,997,000

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

\$1,694,168,000

Part 2: Contribution to State Economy by Foreign Students' Dependents (2004-05)

Spouses' Contribution

Percent of Married Students:	11.1%
Percent of Spouses in the U.S.:	85.0%
Number of Spouses in the U.S.:	6,876
Additional Expenses for a Spouse: (% of student living expenses)	25.0%
Spouses' Contribution:	\$34,469,000

Children's Contribution

Number of Couples in the U.S.:	6,876
Number of Children per Couple:	0.6
Number of Children in the U.S.:	4,122
Additional Expenses for a Child: (% of student living expenses)	20.0%
Children's Contribution:	\$16,528,000

Net Contribution to State Economy by Foreign Students' Dependents:

\$50,997,000

Part 3: Foreign Student Contribution from Tuition/Fees and Living Expenses (2004-05)

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	213	\$5,154.6	\$4,271.5	\$1,561.8	\$7,864.3
Albany College of Pharmacy, Albany	50	\$734.5	\$886.9	\$44.9	\$1,576.4
Albany Medical College, Albany	43	\$603.5	\$632.2	\$763.9	\$471.7
Alfred University, Alfred	93	\$1,790.3	\$1,968.6	\$450.8	\$3,308.0
Bank Street College, New York	7	\$105.8	\$150.8	\$35.4	\$221.2
Bard College, Annandale-on-Hudson	125	\$3,738.8	\$2,565.5	\$2,198.8	\$4,105.5
Barnard College, New York	89	\$2,408.7	\$2,166.0	\$1,595.4	\$2,979.3
Berkeley College of New York City, New York	342	\$5,283.9	\$5,063.0	\$520.9	\$9,826.0
Berkeley College, West Paterson	17	\$262.7	\$353.4	\$30.9	\$585.1
Berkeley College, White Plains	24	\$370.8	\$321.8	\$34.9	\$657.7
Bramson Ort College, Forest Hills	5	\$31.6	\$72.4	\$5.3	\$98.7
Broome Community College, Binghamton	98	\$527.2	\$1,452.4	\$99.0	\$1,880.6
Canisius College, Buffalo	399	\$8,343.1	\$7,955.9	\$2,424.4	\$13,874.7

City University of New York: Baruch College, New York	1,205	\$13,014.0	\$23,273.1	\$4,341.3	\$31,945.9
City University of New York: Borough of Manhattan Community College, New York	1,660	\$9,462.0	\$24,573.0	\$1,704.7	\$32,330.3
City University of New York: Bronx Community College, Bronx	161	\$917.7	\$2,384.9	\$165.3	\$3,137.3
City University of New York: Brooklyn College, Brooklyn	864	\$9,331.2	\$16,683.4	\$3,112.7	\$22,901.9
City University of New York: City College, New York	1,126	\$11,965.2	\$22,038.7	\$4,457.8	\$29,546.1
City University of New York: College of Staten Island, Staten Island	431	\$4,654.8	\$8,324.7	\$1,552.8	\$11,426.7
City University of New York: Hunter College, New York	1,077	\$11,555.4	\$20,911.9	\$4,036.4	\$28,430.9
City University of New York: Kingsborough Community College, Brooklyn	612	\$3,488.4	\$9,059.6	\$628.5	\$11,919.5
City University of New York: La Guardia Community College, Long Island City	796	\$4,537.2	\$11,784.0	\$817.4	\$15,503.8
City University of New York: Lehman College, Bronx	173	\$1,868.4	\$3,337.8	\$623.3	\$4,583.0
City University of New York: Medgar Evers College, Brooklyn	159	\$1,717.2	\$2,754.9	\$1,348.8	\$3,123.4
City University of New York: New York City College of Technology, Brooklyn	275	\$2,970.0	\$4,479.1	\$1,581.0	\$5,868.0
City University of New York: Queens College, Flushing	553	\$5,972.4	\$10,677.4	\$1,992.3	\$14,657.5
City University of New York: Queensborough Community College, Bayside	1,117	\$6,366.9	\$16,532.8	\$1,147.1	\$21,752.7
City University of New York: York College, Jamaica	161	\$1,738.8	\$2,788.8	\$1,365.7	\$3,161.9
Clarkson University, Potsdam	249	\$5,156.0	\$5,362.9	\$2,193.9	\$8,325.0
Clinton Community College, Plattsburgh	18	\$132.3	\$267.2	\$20.0	\$379.5
Colgate University, Hamilton	170	\$5,309.1	\$2,978.1	\$2,895.9	\$5,391.3
College of Aeronautics, Flushing	50	\$470.0	\$1,035.8	\$7.8	\$1,497.9
College of Mount St. Vincent, Riverdale	7	\$133.7	\$126.0	\$32.5	\$227.2
College of New Rochelle, New Rochelle	28	\$534.8	\$485.3	\$134.3	\$885.9
College of St. Rose, Albany	31	\$503.1	\$532.9	\$124.3	\$911.8
Columbia University: School of General Studies, New York	5,278	\$146,622.8	\$104,915.8	\$104,881.4	\$146,657.2
Columbia-Greene Community College, Hudson	11	\$59.1	\$162.9	\$11.1	\$210.9
Concordia College, Bronxville	65	\$1,215.5	\$1,142.9	\$714.0	\$1,644.4
Cooper Union for the Advancement of Science and Art, New York	90	\$2,476.0	\$1,860.0	\$41.7	\$4,294.2
Cornell University, Ithaca	3,119	\$93,570.0	\$73,169.3	\$74,342.0	\$92,397.3
Corning Community College, Corning	2	\$12.3	\$29.0	\$2.1	\$39.1
CUNY Graduate School & University Center, New York	800	\$18,207.6	\$17,233.7	\$5,440.8	\$30,000.5
Daemen College, Amherst	292	\$4,546.4	\$4,927.6	\$986.4	\$8,487.6
DeVry Institute of Technology: New York, Long Island City	32	\$355.2	\$662.2	\$5.3	\$1,012.1
DeVry University-Keller Graduate School, Long Island City	9	\$56.8	\$140.5	\$97.4	\$99.9

DeVry University-Keller Graduate School, New York	5	\$31.6	\$78.9	\$54.1	\$56.4
Dominican College of Blauvelt, Orangeburg	11	\$182.6	\$214.4	\$120.0	\$277.0
Dowling College, Oakdale	231	\$3,259.8	\$3,661.0	\$943.1	\$5,977.8
Dutchess Community College, Poughkeepsie	38	\$190.0	\$560.4	\$37.7	\$712.7
D'Youville College, Buffalo	1,495	\$21,961.6	\$26,294.4	\$1,280.9	\$46,975.0
Elmira College, Elmira	72	\$1,881.4	\$1,379.4	\$988.2	\$2,272.6
Erie Community College: North Campus, Williamsville	80	\$464.0	\$1,185.2	\$82.6	\$1,566.6
Eugene Lang College/New School University, New York	1,755	\$43,734.6	\$44,457.9	\$14,386.6	\$73,805.9
Fashion Institute of Technology, New York	1,087	\$9,469.5	\$17,607.9	\$5,757.0	\$21,320.4
Finger Lakes Community College, Canandaigua	4	\$22.0	\$57.9	\$4.1	\$75.9
Five Towns College, Dix Hills	13	\$171.6	\$286.2	\$97.3	\$360.5
Fordham University, Bronx	635	\$17,158.3	\$15,388.9	\$13,283.7	\$19,263.6
Fulton-Montgomery Community College, Johnstown	135	\$756.0	\$1,998.3	\$137.9	\$2,616.3
Genesee Community College, Batavia	89	\$289.3	\$1,315.5	\$80.3	\$1,524.5
Hamilton College, Clinton	90	\$2,835.0	\$1,617.1	\$1,556.3	\$2,895.8
Hartwick College, Oneonta	56	\$1,446.5	\$936.1	\$832.4	\$1,550.2
Hebrew Union College Jewish Institute of Religion, New York	13	\$181.0	\$214.2	\$133.1	\$262.1
Herkimer County Community College, Herkimer	66	\$330.0	\$976.0	\$65.4	\$1,240.5
Hilbert College, Hamburg	4	\$55.0	\$48.4	\$31.6	\$71.8
Hobart and William Smith Colleges, Geneva	45	\$1,353.4	\$829.4	\$761.4	\$1,421.4
Hofstra University, Hempstead	261	\$4,630.8	\$5,500.9	\$1,575.7	\$8,556.1
Houghton College, Houghton	61	\$1,138.3	\$887.3	\$706.3	\$1,319.3
Hudson Valley Community College, Troy	262	\$2,043.6	\$3,877.8	\$297.0	\$5,624.4
Iona College, New Rochelle	78	\$1,474.2	\$1,742.7	\$385.5	\$2,831.5
Ithaca College, Ithaca	233	\$5,519.8	\$5,608.1	\$1,372.7	\$9,755.2
Jamestown Community College, Jamestown	33	\$194.7	\$488.0	\$34.2	\$648.5
Juilliard School, New York	225	\$5,141.3	\$4,675.1	\$720.8	\$9,095.5
Keuka College, Keuka Park	3	\$50.5	\$52.6	\$24.4	\$78.7
Laboratory Institute of Merchandising, New York	4	\$63.2	\$99.0	\$18.0	\$144.2
Le Moyne College, Syracuse	27	\$530.3	\$491.7	\$122.8	\$899.2
Long Island University, Brooklyn	220	\$3,755.4	\$3,389.6	\$858.1	\$6,286.9
Long Island University, Brookville	300	\$6,261.0	\$5,900.1	\$1,460.1	\$10,701.1
Long Island University, Southampton	88	\$1,836.6	\$1,956.9	\$1,321.6	\$2,471.8
Manhattan College, Riverdale	98	\$1,822.8	\$1,898.5	\$478.9	\$3,242.4
Manhattan School of Music, New York	300	\$7,158.0	\$5,516.8	\$965.1	\$11,709.7
Manhattanville College, Purchase	150	\$3,543.0	\$3,493.0	\$844.8	\$6,191.2
Marist College, Poughkeepsie	49	\$957.5	\$1,043.1	\$303.5	\$1,697.1
Marymount Manhattan College, New York	96	\$1,594.2	\$2,729.5	\$1,502.0	\$2,821.7
Mercy College, Dobbs Ferry	175	\$1,965.3	\$3,382.2	\$639.8	\$4,707.6
Metropolitan College of New York, New York	29	\$453.1	\$610.1	\$434.6	\$628.6
Mohawk Valley Community College, Utica	100	\$570.0	\$1,475.4	\$102.4	\$1,943.0
Molloy College, Rockville Centre	15	\$227.3	\$278.8	\$62.3	\$443.7
Monroe College, Bronx	77	\$674.5	\$1,241.2	\$96.0	\$1,819.7
Monroe Community College, Rochester	395	\$2,054.0	\$5,542.2	\$380.4	\$7,215.8

Nassau Community College, Garden City	1,235	\$7,163.0	\$18,284.9	\$1,274.5	\$24,173.4
Nazareth College of Rochester, Rochester	32	\$577.3	\$576.8	\$138.5	\$1,015.6
New York Chiropractic College, Seneca Falls	115	\$1,689.4	\$1,941.3	\$62.8	\$3,567.9
New York Institute of Technology, Old Westbury	1,166	\$18,946.8	\$26,934.1	\$6,431.4	\$39,449.5
New York Medical College, Valhalla	53	\$621.9	\$984.8	\$374.2	\$1,232.5
New York School of Interior Design, New York	70	\$1,586.8	\$1,340.9	\$215.1	\$2,712.6
New York University, New York	5,140	\$145,616.2	\$138,866.5	\$124,358.9	\$160,123.7
Niagara County Community College, Sanborn	30	\$133.9	\$444.5	\$28.9	\$549.5
North Country Community College, Saranac Lake	17	\$96.9	\$252.7	\$17.5	\$332.1
Nyack College, Nyack	157	\$2,196.4	\$2,658.9	\$545.3	\$4,310.1
Onondaga Community College, Syracuse	18	\$162.0	\$267.2	\$21.5	\$407.7
Orange County Community College, Middletown	23	\$124.2	\$339.6	\$23.3	\$440.5
Pace University, New York	750	\$14,500.4	\$14,150.1	\$5,096.4	\$23,554.1
Pace University, Pleasantville	93	\$2,055.3	\$1,908.6	\$486.0	\$3,477.9
Pace University, White Plains	87	\$1,226.3	\$1,756.7	\$475.3	\$2,507.7
Paul Smith's College, Paul Smiths	7	\$107.3	\$105.8	\$10.8	\$202.3
Polytechnic University, Brooklyn	342	\$7,358.6	\$6,539.4	\$3,183.5	\$10,714.5
Pratt Institute, Brooklyn	684	\$17,100.0	\$13,090.0	\$2,219.4	\$27,970.6
Rensselaer Polytechnic Institute, Troy	1,003	\$28,230.6	\$22,220.9	\$21,444.1	\$29,007.4
Roberts Wesleyan College, Rochester	42	\$721.6	\$634.5	\$164.7	\$1,191.4
Rochester Institute of Technology, Rochester	1,346	\$29,802.8	\$25,433.6	\$7,698.3	\$47,538.0
Rockland Community College, Suffern	240	\$1,248.0	\$3,552.0	\$240.4	\$4,559.7
Russell Sage College, Troy	3	\$64.5	\$48.3	\$34.5	\$78.3
Sage College of Albany, Albany	2	\$30.5	\$32.2	\$7.6	\$55.1
Sarah Lawrence College, Bronxville	42	\$1,330.6	\$1,077.2	\$712.9	\$1,694.9
School of Visual Arts, New York	597	\$11,539.4	\$11,526.5	\$1,713.0	\$21,352.9
Seminary of the Immaculate Conception, Huntington	5	\$37.5	\$85.2	\$40.1	\$82.6
Siena College, Loudonville	16	\$297.4	\$280.4	\$200.8	\$377.0
Skidmore College, Saratoga Springs	27	\$831.6	\$542.9	\$479.2	\$895.3
St. Bonaventure University, St. Bonaventure	48	\$895.2	\$757.3	\$208.8	\$1,443.6
St. Francis College, Brooklyn Heights	260	\$2,969.2	\$4,500.7	\$2,254.8	\$5,215.1
St. John Fisher College, Rochester	8	\$145.6	\$142.2	\$36.0	\$251.8
St. John's University, Jamaica	807	\$23,967.9	\$19,611.5	\$7,713.7	\$35,865.7
St. Joseph's College, Brooklyn	20	\$233.3	\$350.5	\$149.2	\$434.7
St. Joseph's College, Yonkers	9	\$125.3	\$151.7	\$92.2	\$184.8
St. Joseph's College: Suffolk Campus, Patchogue	6	\$69.7	\$101.6	\$52.4	\$118.9
St. Lawrence University, Canton	96	\$2,905.9	\$1,716.1	\$1,587.9	\$3,034.1
St. Thomas Aquinas College, Sparkill	25	\$382.5	\$496.7	\$108.3	\$770.9
State University of New York College of Agriculture and Technology, Cobleskill	75	\$795.8	\$1,241.5	\$431.8	\$1,605.4
State University of New York College of Agriculture and Technology, Morrisville	47	\$498.7	\$716.1	\$60.9	\$1,153.8
State University of New York College of Environmental Science and Forestry, Syracuse	114	\$1,241.2	\$2,656.7	\$936.8	\$2,961.0
State University of New York College of Technology, Alfred	52	\$374.9	\$801.2	\$59.0	\$1,117.2

State University of New York College of Technology, Canton	7	\$50.5	\$114.8	\$8.4	\$156.9
State University of New York College of Technology, Delhi	53	\$382.1	\$859.0	\$62.2	\$1,178.9
State University of New York College, Brockport	105	\$1,114.1	\$1,744.5	\$342.3	\$2,516.2
State University of New York College, Buffalo	110	\$1,164.7	\$1,778.9	\$380.0	\$2,563.5
State University of New York College, Cortland	35	\$371.7	\$585.6	\$116.0	\$841.2
State University of New York College, Fredonia	62	\$660.3	\$971.2	\$203.9	\$1,427.5
State University of New York College, Geneseo	105	\$1,114.1	\$1,755.2	\$343.6	\$2,525.6
State University of New York College, Old Westbury	67	\$710.9	\$1,218.0	\$582.4	\$1,346.5
State University of New York College, Oneonta	77	\$817.3	\$1,312.9	\$256.0	\$1,874.2
State University of New York College, Plattsburgh	324	\$3,440.1	\$6,815.4	\$1,236.7	\$9,018.9
State University of New York College, Potsdam	373	\$4,035.3	\$6,558.1	\$1,554.6	\$9,038.9
State University of New York Empire State College, Saratoga Springs	21	\$222.8	\$405.2	\$75.2	\$552.8
State University of New York Health Science Center, Brooklyn	56	\$610.0	\$1,513.8	\$1,225.8	\$898.1
State University of New York Upstate Medical University, Syracuse	46	\$488.1	\$641.6	\$262.9	\$866.8
State University of New York, Albany	849	\$9,202.9	\$19,046.9	\$13,619.4	\$14,630.3
State University of New York, Binghamton	1,297	\$13,997.7	\$23,642.9	\$15,277.9	\$22,362.7
State University of New York, Buffalo	3,965	\$42,750.0	\$66,605.0	\$42,871.7	\$66,483.3
State University of New York, New Paltz	269	\$2,854.1	\$5,643.0	\$1,016.1	\$7,480.9
State University of New York, Oswego	101	\$1,077.8	\$1,850.7	\$374.1	\$2,554.5
State University of New York, Purchase	129	\$1,376.8	\$2,470.9	\$443.0	\$3,404.6
State University of New York, Stony Brook	2,146	\$23,159.4	\$41,603.8	\$26,220.9	\$38,542.3
SUNY College of Optometry, New York	32	\$470.1	\$540.0	\$17.5	\$992.6
Syracuse University, Syracuse	2,200	\$56,584.0	\$67,601.5	\$57,375.7	\$66,809.8
Teachers College, Columbia University, New York	627	\$14,270.2	\$13,510.0	\$4,264.2	\$23,516.0
The General Theological Seminary, New York	8	\$111.4	\$125.1	\$90.0	\$146.5
The Rockefeller University, New York	76	\$1,789.5	\$1,700.2	\$343.4	\$3,146.2
Tompkins-Cortland Community College, Dryden	106	\$657.2	\$1,568.2	\$111.5	\$2,113.9
Touro College, New York	162	\$1,594.4	\$1,884.9	\$450.5	\$3,028.9
Trocaire College, Buffalo	6	\$57.4	\$86.9	\$7.3	\$136.9
Ulster County Community College, Stone Ridge	24	\$144.0	\$354.0	\$25.0	\$473.0
Union College, Schenectady	57	\$2,206.1	\$925.9	\$1,096.5	\$2,035.6
Union Theological Seminary, New York	12	\$199.2	\$198.6	\$134.0	\$263.8
United States Merchant Marine Academy, Kings Point	18	\$281.3	\$373.3	\$318.5	\$336.1
United States Military Academy, West Point	37	\$578.1	\$762.9	\$654.8	\$686.2
University of Rochester, Rochester	1,140	\$32,205.0	\$23,868.6	\$28,266.8	\$27,806.9
Utica College, Utica	43	\$914.6	\$874.2	\$540.2	\$1,248.6
Vassar College, Poughkeepsie	127	\$3,923.7	\$2,246.4	\$2,154.5	\$4,015.6
Villa Maria College of Buffalo, Buffalo	2	\$20.3	\$29.0	\$2.5	\$46.8
Wagner College, Staten Island	12	\$286.8	\$206.7	\$59.4	\$434.1
Weill Cornell Medical College, New York	1	\$11.7	\$18.2	\$7.1	\$22.9
Wells College, Aurora	10	\$140.0	\$161.4	\$104.8	\$196.7

Westchester Community College, Valhalla	311	\$2,293.9	\$4,604.0	\$345.9	\$6,552.0
Yeshiva University, New York	498	\$11,553.6	\$8,396.3	\$3,067.0	\$16,883.0

Methodology: How We Compute Economic Impact 2005

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 formulas 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 2005* report, funded by the Department of State, provides numbers of foreign students at universities and colleges throughout the United States during the 2004-05 academic year. In many cases, this data provide separate totals for undergraduate, graduate, and non degree students.
2. The College Board provides cost figures for tuition, living, and miscellaneous expenses at U.S. institutions for the 2004-05 academic year.

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.

Tuition, fees, living expenses, and dollar estimates are derived from College Board 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.

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.

Undergraduates and English Language Programs: The number of undergraduate students at an institution is specified by *Open Doors* data. College Board 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.

Economic impact of an undergraduate equals tuition and fees, plus room and board, plus miscellaneous figured at 50 percent of room and board, less U.S. support. We assume: (1) that spring enrollment figures are the same as the fall figures reported, (2) that all students are enrolled full time for two semesters or three quarters a year, and (3) that students live on campus for the full year. Miscellaneous expenses, enumerated in College Board 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. The percentage of U.S. support for an undergraduate is based upon the institution type. For example, research institutions (based on Carnegie code) provide on average 10.7 percent support for undergraduates; community colleges provide 7.8 percent for undergraduates.

Estimating 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. We use these percentages, adjusted for different types of institutions, as though they represented percentages of funding, not percentages of individuals. This aspect of our analysis could benefit from further study. We have done local comparisons to data reported to SEVIS and the percentages align closely, but wider research into funding percentages could be valuable.

NOTE: “U.S. support” includes funding from a U.S. college or university, the U.S. Government, a U.S. private sponsor and current employment.