



**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.

# Texas

Total Number of Foreign Students: 47,367

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

Contribution from Tuition and Fees to State Economy:	\$493,269,000
Contribution from Living Expenses:	\$674,197,000
Total Contribution by Foreign Students:	\$1,167,466,000
Less U.S. Support of 29.2%	- \$340,472,000
Plus Dependents' Living Expenses:	+ \$29,753,000

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

**\$856,748,000**

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

### *Spouses' Contribution*

Percent of Married Students:	11.5%
Percent of Spouses in the U.S.:	85.0%
Number of Spouses in the U.S.:	5,430
Additional Expenses for a Spouse: (% of student living expenses)	25.0%
Spouses' Contribution:	\$20,111,000

### *Children's Contribution*

Number of Couples in the U.S.:	5,430
Number of Children per Couple:	0.6
Number of Children in the U.S.:	3,253
Additional Expenses for a Child: (% of student living expenses)	20.0%
Children's Contribution:	\$9,643,000

### *Net Contribution to State Economy by Foreign Students' Dependents:*

**\$29,753,000**

## 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)
Abilene Christian University, Abilene	210	\$2,866.5	\$2,727.3	\$697.1	\$4,896.6
Alvin Community College, Alvin	8	\$23.0	\$87.3	\$5.6	\$104.8
Amarillo College, Amarillo	14	\$47.1	\$366.8	\$20.5	\$393.4
Angelo State University, San Angelo	82	\$944.6	\$1,174.5	\$254.0	\$1,865.1
Austin College, Sherman	23	\$436.5	\$374.0	\$282.9	\$527.7
Austin Community College, Austin	792	\$4,371.8	\$8,839.8	\$662.4	\$12,549.2
Austin Presbyterian Theological Seminary, Austin	9	\$50.2	\$79.7	\$43.0	\$86.9
Baptist Missionary Association Theological Seminary, Jacksonville	9	\$21.6	\$94.6	\$43.3	\$72.9
Baylor College of Medicine, Houston	187	\$1,860.6	\$2,729.7	\$2,820.7	\$1,769.6
Baylor University, Waco	397	\$7,107.1	\$6,366.4	\$2,485.5	\$10,988.0
Blinn College, Brenham	172	\$696.6	\$1,950.3	\$132.6	\$2,514.3
Brazosport College, Lake Jackson	8	\$23.5	\$87.3	\$5.6	\$105.2
Central Texas College, Killeen	122	\$335.5	\$1,154.6	\$74.6	\$1,415.5

Cisco Junior College, Cisco	22	\$50.5	\$218.2	\$13.5	\$255.3
Clarendon College, Clarendon	8	\$20.4	\$76.3	\$4.9	\$91.8
Coastal Bend College, Beeville	19	\$51.7	\$169.8	\$11.1	\$210.4
College of the Mainland, Texas City	15	\$34.5	\$168.7	\$10.1	\$193.1
Collin County Community College District, Plano	804	\$2,125.8	\$8,973.5	\$554.8	\$10,544.5
Concordia University, Austin	13	\$198.9	\$189.3	\$117.7	\$270.6
Dallas Baptist University, Dallas	360	\$4,179.6	\$5,179.9	\$1,202.8	\$8,156.8
Dallas Christian College, Dallas	117	\$793.3	\$1,223.9	\$757.9	\$1,259.3
Del Mar College, Corpus Christi	66	\$196.0	\$735.7	\$46.6	\$885.1
DeVry University, Dallas	20	\$224.8	\$311.9	\$8.0	\$528.7
DeVry University, Houston	9	\$30.3	\$101.0	\$26.7	\$104.6
East Texas Baptist University, Marshall	10	\$120.0	\$119.1	\$72.2	\$166.8
Eastfield College, Mesquite	28	\$67.2	\$313.3	\$19.0	\$361.5
El Centro College, Dallas	134	\$321.6	\$1,495.5	\$90.8	\$1,726.3
El Paso Community College, El Paso	401	\$1,349.6	\$4,475.6	\$291.4	\$5,533.7
Frank Phillips College, Borger	17	\$57.2	\$151.8	\$10.4	\$198.6
Galveston College, Galveston	21	\$46.8	\$234.1	\$14.0	\$266.9
Hardin-Simmons University, Abilene	2	\$43.8	\$23.5	\$11.2	\$56.1
Hill College, Hillsboro	52	\$175.0	\$427.3	\$30.2	\$572.2
Houston Baptist University, Houston	136	\$1,611.6	\$2,059.5	\$455.5	\$3,215.5
Houston Community College System, Houston	3,702	\$13,660.4	\$41,312.2	\$2,751.5	\$52,221.1
Howard College, Big Spring	9	\$19.8	\$99.0	\$5.9	\$112.8
Howard Payne University, Brownwood	8	\$88.0	\$80.0	\$51.4	\$116.6
Huston-Tillotson College, Austin	35	\$240.5	\$485.3	\$219.1	\$506.7
Jacksonville College, Jacksonville	16	\$79.2	\$179.6	\$12.9	\$245.9
Jarvis Christian College, Hawkins	5	\$29.9	\$52.3	\$25.1	\$57.0
Kilgore College, Kilgore	145	\$417.6	\$1,618.3	\$101.8	\$1,934.1
Lamar University, Beaumont	573	\$6,085.3	\$9,035.5	\$2,369.7	\$12,751.1
Laredo Community College, Laredo	146	\$394.2	\$1,629.2	\$101.2	\$1,922.3
Lee College, Baytown	44	\$148.1	\$492.9	\$32.0	\$609.0
LeTourneau University, Longview	28	\$415.8	\$390.7	\$99.7	\$706.7
Lon Morris College, Jacksonville	20	\$136.0	\$294.5	\$21.6	\$408.9
Lubbock Christian University, Lubbock	13	\$144.1	\$164.2	\$88.5	\$219.8
McLennan Community College, Waco	29	\$98.3	\$324.2	\$21.1	\$401.4
McMurry University, Abilene	12	\$162.0	\$193.1	\$107.4	\$247.7
Midland College, Midland	65	\$148.2	\$689.2	\$41.9	\$795.6
Midwestern State University, Wichita Falls	345	\$3,622.5	\$3,843.5	\$895.9	\$6,570.2
Mountain View College, Dallas	24	\$57.6	\$266.9	\$16.3	\$308.2
Navarro College, Corsicana	218	\$547.2	\$2,590.0	\$156.8	\$2,980.4
North Harris Montgomery Community College District, The Woodlands	1,414	\$4,063.8	\$15,778.6	\$992.2	\$18,850.2
North Lake College, Irving	834	\$2,001.6	\$9,305.9	\$565.1	\$10,742.4
Northwood University: Texas Campus, Cedar Hill	24	\$335.7	\$354.6	\$34.8	\$655.5
Oblate School of Theology, San Antonio	39	\$278.2	\$422.3	\$238.0	\$462.5
Odessa College, Odessa	21	\$70.7	\$216.6	\$14.4	\$272.9
Our Lady of the Lake University of San Antonio, San Antonio	13	\$201.6	\$155.9	\$43.0	\$314.5

Palo Alto College, San Antonio	20	\$91.2	\$223.2	\$15.8	\$298.7
Panola College, Carthage	9	\$21.1	\$87.4	\$5.4	\$103.1
Paris Junior College, Paris	6	\$18.0	\$65.5	\$4.2	\$79.2
Prairie View A&M University, Prairie View	141	\$1,694.0	\$1,955.7	\$497.1	\$3,152.6
Ranger College, Ranger	3	\$10.1	\$26.9	\$1.9	\$35.1
Rice University, Houston	691	\$13,677.1	\$13,861.3	\$14,318.8	\$13,219.5
Richland College, Dallas	892	\$2,140.8	\$9,954.3	\$604.4	\$11,490.7
Sam Houston State University, Huntsville	213	\$2,546.2	\$2,754.4	\$735.3	\$4,565.3
San Antonio College, San Antonio	259	\$1,247.9	\$2,890.6	\$207.4	\$3,931.1
San Jacinto College: North, Houston	69	\$140.8	\$768.5	\$45.5	\$863.8
Schreiner University, Kerrville	6	\$84.2	\$116.6	\$70.7	\$130.1
South Plains College, Levelland	48	\$161.5	\$536.5	\$34.9	\$663.2
Southern Methodist University, Dallas	749	\$16,849.5	\$15,622.9	\$12,208.4	\$20,264.0
Southwest College Institute for the Deaf, Big Spring	4	\$42.2	\$61.0	\$50.9	\$52.3
Southwest Texas Junior College, Uvalde	47	\$97.9	\$525.6	\$31.1	\$592.4
Southwestern Adventist University, Keene	97	\$1,122.1	\$1,236.4	\$712.7	\$1,645.9
Southwestern Assemblies of God University, Waxahachie	20	\$168.0	\$226.2	\$148.1	\$246.0
Southwestern Baptist Theological Seminar, Fort Worth	346	\$2,341.1	\$3,782.0	\$2,043.3	\$4,079.8
Southwestern University, Georgetown	9	\$182.0	\$174.7	\$123.9	\$232.7
St. Edward's University, Austin	127	\$1,887.5	\$1,768.9	\$419.9	\$3,236.5
St. Mary's University, San Antonio	150	\$2,588.4	\$2,405.2	\$647.8	\$4,345.8
St. Philip's College, San Antonio	24	\$109.4	\$266.9	\$18.9	\$357.4
Stephen F. Austin State University, Nacogdoches	125	\$1,504.8	\$1,990.7	\$462.3	\$3,033.1
Sul Ross State University, Alpine	16	\$165.1	\$199.6	\$48.2	\$316.6
Tarleton State University, Stephenville	38	\$408.1	\$517.7	\$111.2	\$814.7
Temple College, Temple	9	\$75.3	\$101.0	\$8.8	\$167.5
Texarkana College, Texarkana	10	\$33.7	\$111.9	\$7.3	\$138.3
Texas A&M International University, Laredo	258	\$2,724.5	\$3,407.0	\$734.9	\$5,396.5
Texas A&M University, College Station	3,721	\$38,990.6	\$64,552.1	\$52,028.8	\$51,513.9
Texas A&M University, Commerce	377	\$4,363.4	\$5,958.1	\$2,319.8	\$8,001.8
Texas A&M University, Corpus Christi	119	\$1,313.8	\$2,051.4	\$480.7	\$2,884.5
Texas A&M University, Galveston	14	\$155.1	\$210.1	\$116.6	\$248.6
Texas A&M University, Kingsville	552	\$5,067.4	\$6,899.9	\$2,856.3	\$9,110.9
Texas A&M University, Texarkana	3	\$34.6	\$42.9	\$11.8	\$65.7
Texas A&M University: Baylor College of Dentistry, Dallas	21	\$165.6	\$337.8	\$13.1	\$490.3
Texas Christian University, Fort Worth	398	\$7,840.6	\$5,448.8	\$1,867.6	\$11,421.7
Texas Lutheran University, Seguin	19	\$313.1	\$293.5	\$183.5	\$423.1
Texas Southern University, Houston	444	\$5,983.3	\$6,185.5	\$1,198.1	\$10,970.8
Texas State Technical College, Harlingen	6	\$29.2	\$48.2	\$3.9	\$73.4
Texas State Technical College, Waco	48	\$233.3	\$436.8	\$33.6	\$636.5
Texas State University, San Marcos	457	\$4,637.0	\$7,593.0	\$1,662.5	\$10,567.5
Texas Tech University, Lubbock	1,141	\$12,415.9	\$20,939.2	\$16,447.1	\$16,908.1
Texas Wesleyan University, Fort Worth	42	\$542.6	\$522.7	\$131.6	\$933.8
Texas Woman's University, Denton	500	\$4,530.4	\$6,456.2	\$2,172.8	\$8,813.7
The Episcopal Theological Seminary, Austin	1	\$8.2	\$10.2	\$6.4	\$12.0

Trinity Valley Community College, Athens	24	\$80.8	\$255.7	\$16.9	\$319.6
Tyler Junior College, Tyler	56	\$188.5	\$634.4	\$41.2	\$781.6
University of Dallas, Irving	423	\$7,860.2	\$6,555.0	\$5,025.4	\$9,389.7
University of Houston, Houston	3,326	\$31,325.9	\$64,374.3	\$33,665.5	\$62,034.8
University of Houston, Victoria	110	\$1,096.0	\$1,673.9	\$421.1	\$2,348.8
University of Houston: Clear Lake, Houston	564	\$4,400.7	\$8,551.2	\$1,941.7	\$11,010.2
University of Houston: Downtown, Houston	259	\$3,031.3	\$3,440.8	\$1,956.6	\$4,515.5
University of Mary Hardin-Baylor, Belton	13	\$148.2	\$159.0	\$38.0	\$269.2
University of North Texas, Denton	1,861	\$21,271.2	\$27,706.2	\$16,530.6	\$32,446.8
University of St. Thomas, Houston	195	\$3,159.0	\$3,373.7	\$959.1	\$5,573.6
University of Texas at Dallas, Richardson	2,625	\$37,962.8	\$50,699.3	\$17,383.6	\$71,278.5
University of Texas Health Science Center, San Antonio	125	\$1,031.7	\$1,808.7	\$1,476.5	\$1,363.9
University of Texas Medical Branch, Galveston	117	\$378.9	\$1,696.2	\$1,097.9	\$977.2
University of Texas of the Permian Basin, Odessa	8	\$85.9	\$81.7	\$20.3	\$147.3
University of Texas Southwestern Medical Center, Dallas	175	\$1,747.9	\$2,547.0	\$2,536.6	\$1,758.3
University of Texas, Arlington	2,732	\$35,024.2	\$42,603.6	\$34,622.3	\$43,005.5
University of Texas, Austin	5,333	\$76,976.5	\$81,653.1	\$64,226.0	\$94,403.5
University of Texas, Brownsville	418	\$4,266.7	\$6,117.8	\$1,255.8	\$9,128.7
University of Texas, El Paso	2,187	\$25,194.2	\$26,141.4	\$7,140.9	\$44,194.7
University of Texas, San Antonio	897	\$16,705.7	\$15,277.1	\$4,325.2	\$27,657.6
University of Texas, Tyler	84	\$1,100.6	\$1,226.7	\$279.2	\$2,048.1
University of Texas: Pan American, Edinburg	645	\$6,783.9	\$8,055.5	\$1,887.8	\$12,951.6
University of Texas-Houston Health Science Center, Houston	352	\$4,492.8	\$5,117.9	\$5,576.4	\$4,034.3
University of the Incarnate Word, San Antonio	222	\$3,223.4	\$3,967.1	\$1,002.7	\$6,187.8
Victoria College, Victoria	4	\$8.0	\$43.7	\$2.6	\$49.1
Wayland Baptist University, Plainview	26	\$230.1	\$270.0	\$61.9	\$438.2
Weatherford College, Weatherford	32	\$91.2	\$470.9	\$28.1	\$534.0
West Texas A&M University, Canyon	228	\$2,687.5	\$3,081.8	\$808.5	\$4,960.8
Wharton County Junior College, Wharton	8	\$29.3	\$87.3	\$5.9	\$110.7

## **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.