



**The Economic Benefits of International Education to the United States for the 2005-2006 Academic Year:  
A Statistical Analysis**

NAFSA estimates that foreign students and their dependents contributed approximately \$13.49 billion to the U.S. economy during the 2005-2006 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 2006* 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: 46,871

## Part 1: Net Contribution to State Economy by Foreign Students (2005-06)

Contribution from Tuition and Fees to State Economy:	\$511,838,000
Contribution from Living Expenses:	\$691,879,000
Total Contribution by Foreign Students:	\$1,203,717,000
Less U.S. Support of 28.4%	- \$341,319,000
Plus Dependents' Living Expenses:	+ \$28,986,000

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

***\$891,384,000***

## Part 2: Contribution to State Economy by Foreign Students' Dependents (2005-06)

### ***Spouses' Contribution***

Percent of Married Students:	11.1%
Percent of Spouses in the U.S.:	85.0%
Number of Spouses in the U.S.:	5,180
Additional Expenses for a Spouse: (% of student living expenses)	25.0%
Spouses' Contribution:	\$19,578,000

### ***Children's Contribution***

Number of Couples in the U.S.:	5,180
Number of Children per Couple:	0.6
Number of Children in the U.S.:	3,113
Additional Expenses for a Child: (% of student living expenses)	20.0%
Children's Contribution:	\$9,408,000

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

***\$28,986,000***

## Part 3: Foreign Student Contribution from Tuition/Fees and Living Expenses (2005-06)

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	205	\$2,995.1	\$2,686.1	\$868.7	\$4,812.5
Alvin Community College, Alvin	8	\$26.4	\$118.1	\$9.0	\$135.5
Amarillo College, Amarillo	14	\$36.5	\$213.3	\$15.2	\$234.6
American College of Acupuncture & Oriental Medicine, Houston	3	\$32.8	\$46.1	\$15.0	\$63.9
Angelo State University, San Angelo	75	\$859.5	\$921.2	\$270.9	\$1,509.9
Austin College, Sherman	18	\$365.6	\$306.2	\$269.3	\$402.5
Austin Community College, Austin	1,190	\$6,747.3	\$15,880.3	\$1,392.4	\$21,235.2
Austin Presbyterian Theological Seminary, Austin	7	\$48.0	\$97.3	\$40.3	\$105.0
Baptist Missionary Theological Seminary, Jacksonville	9	\$23.8	\$116.6	\$30.3	\$110.0
Baylor College of Dentistry, Dallas	21	\$239.4	\$336.5	\$310.8	\$265.1
Baylor College of Medicine, Houston	203	\$2,797.3	\$3,336.6	\$3,581.6	\$2,552.2
Baylor University, Waco	388	\$7,392.6	\$5,832.4	\$3,759.6	\$9,465.3

Blinn College, Brenham	142	\$575.1	\$1,239.8	\$111.8	\$1,703.1
Brazosport College, Lake Jackson	1	\$3.2	\$14.8	\$1.1	\$16.8
Central Texas College, Killeen	164	\$639.6	\$1,481.0	\$130.5	\$1,990.1
Cisco Junior College, Cisco	22	\$54.5	\$183.1	\$14.6	\$223.0
Clarendon College, Clarendon	5	\$10.5	\$45.7	\$3.5	\$52.7
Coastal Bend College, Beeville	11	\$43.5	\$166.1	\$12.9	\$196.7
College of the Mainland, Texas City	15	\$40.1	\$228.1	\$16.3	\$251.8
Collin County Community College District, McKinney	846	\$2,287.6	\$12,761.2	\$923.3	\$14,125.5
Concordia University, Austin	13	\$217.6	\$205.7	\$104.2	\$319.2
Dallas Baptist University, Dallas	350	\$4,294.5	\$3,892.7	\$1,155.9	\$7,031.3
Dallas Theological Seminary, Dallas	119	\$888.9	\$1,367.4	\$491.6	\$1,764.8
Del Mar College, Corpus Christi	55	\$178.2	\$828.8	\$61.9	\$945.2
DeVry University - Houston Campus, Houston	14	\$165.1	\$225.9	\$2.5	\$388.5
DeVry University - Irving Campus, Irving	12	\$141.5	\$193.7	\$65.7	\$269.4
East Texas Baptist University, Marshall	9	\$115.6	\$80.6	\$48.2	\$148.0
Eastfield College, Mesquite	15	\$43.2	\$228.1	\$16.5	\$254.7
El Centro College, Dallas	150	\$432.0	\$2,095.4	\$155.1	\$2,372.2
El Paso Community College, El Paso	447	\$1,504.6	\$6,745.2	\$506.3	\$7,743.5
Episcopal Theological Seminary Southwest, Austin	2	\$13.7	\$27.6	\$10.5	\$30.8
Frank Phillips College, Borger	17	\$21.1	\$142.3	\$10.0	\$153.4
Galveston College, Galveston	9	\$20.1	\$136.5	\$9.6	\$147.1
Hardin-Simmons University, Abilene	10	\$144.8	\$97.2	\$37.3	\$204.7
Hill College, Hillsboro	43	\$58.5	\$651.7	\$43.3	\$666.9
Houston Baptist University, Houston	130	\$1,813.5	\$1,409.5	\$491.4	\$2,731.5
Houston Community College System, Houston	3,227	\$11,907.6	\$45,618.0	\$3,533.1	\$53,992.5
Howard County Junior College District, Big Spring	14	\$30.8	\$127.6	\$9.7	\$148.8
Howard Payne University, Brownwood	3	\$36.0	\$30.7	\$16.6	\$50.1
Huston-Tillotson College, Austin	35	\$258.3	\$450.6	\$283.8	\$425.1
Jacksonville College, Jacksonville	10	\$49.5	\$129.2	\$11.0	\$167.7
Jarvis Christian College, Hawkins	1	\$6.0	\$9.8	\$6.4	\$9.4
Kilgore College, Kilgore	134	\$406.0	\$1,118.9	\$93.8	\$1,431.2
Lamar University - Beaumont, Beaumont	409	\$4,797.6	\$6,060.8	\$1,434.0	\$9,424.4
Laredo Community College, Laredo	155	\$580.3	\$2,050.3	\$161.6	\$2,469.0
Lee College, Baytown	44	\$112.2	\$666.5	\$47.6	\$731.1
LeTourneau University, Longview	27	\$418.4	\$391.8	\$122.9	\$687.3
Lon Morris College, Jacksonville	20	\$146.0	\$257.7	\$24.9	\$378.8
Lubbock Christian University, Lubbock	15	\$174.7	\$147.7	\$61.9	\$260.5
McLennan Community College, Waco	31	\$105.1	\$398.5	\$30.9	\$472.6
McMurry University, Abilene	12	\$171.6	\$155.5	\$80.4	\$246.7
Midland College, Midland	65	\$152.1	\$657.4	\$49.7	\$759.7
Midwestern State University, Wichita Falls	362	\$3,561.2	\$4,152.6	\$1,185.9	\$6,527.9
Mountain View College, Dallas	24	\$69.1	\$334.3	\$24.8	\$378.6
Navarro College, Corsicana	211	\$438.9	\$1,871.7	\$141.8	\$2,168.9
North Central Texas College, Gainesville	105	\$286.7	\$1,011.0	\$79.7	\$1,217.9
North Harris Montgomery Community College, The Woodlands	1,617	\$4,647.3	\$24,394.6	\$1,781.9	\$27,260.0

North Lake College, Irving	960	\$2,764.8	\$13,958.0	\$1,026.2	\$15,696.6
Northwood University - Texas Campus, Cedar Hill	26	\$380.3	\$411.5	\$74.4	\$717.3
Oblate School of Theology, San Antonio	49	\$335.7	\$679.3	\$275.2	\$739.8
Odessa College, Odessa	21	\$46.0	\$230.2	\$17.0	\$259.2
Our Lady of Lake University, San Antonio	13	\$221.6	\$160.5	\$55.8	\$326.4
Palo Alto College, San Antonio	20	\$96.0	\$267.1	\$22.3	\$340.8
Panola College, Carthage	9	\$15.4	\$85.9	\$6.2	\$95.1
Paris Junior College, Paris	6	\$18.0	\$58.4	\$4.8	\$71.6
Prairie View A&M University, Hempstead	175	\$1,711.5	\$2,536.4	\$594.5	\$3,653.4
Ranger College, Ranger	3	\$5.3	\$25.7	\$1.9	\$29.1
Rice University, Houston	755	\$17,599.1	\$16,468.9	\$18,327.9	\$15,740.0
Richland College, Dallas	948	\$2,730.2	\$13,246.2	\$980.5	\$14,995.9
Saint Edward's University, Austin	137	\$2,372.8	\$2,087.3	\$630.5	\$3,829.7
Sam Houston State University, Huntsville	210	\$2,183.7	\$2,163.6	\$606.6	\$3,740.7
San Antonio College, San Antonio	239	\$1,147.2	\$3,191.4	\$266.8	\$4,071.9
San Jacinto College - North Campus, Houston	52	\$117.0	\$735.2	\$52.3	\$799.9
Schreiner University, Kerrville	7	\$103.2	\$107.3	\$52.3	\$158.2
South Plains College, Levelland	48	\$136.9	\$428.5	\$34.7	\$530.7
Southern Methodist University, Dallas	861	\$20,531.4	\$19,417.0	\$7,843.9	\$32,104.6
Southwest College Institute for the Deaf, Big Spring	4	\$13.9	\$35.3	\$3.1	\$46.2
Southwest Texas Junior College, Uvalde	55	\$114.5	\$828.8	\$57.9	\$885.5
Southwestern Adventist University, Keene	139	\$1,688.0	\$1,855.0	\$870.1	\$2,672.9
Southwestern Assemblies of God University, Waxahachie	20	\$189.0	\$216.9	\$99.6	\$306.3
Southwestern Baptist Theological Seminary, Fort Worth	419	\$2,835.0	\$5,411.4	\$1,793.8	\$6,452.5
Southwestern University, Georgetown	9	\$196.2	\$155.3	\$140.8	\$210.7
St. Mary's University, San Antonio	112	\$2,046.7	\$1,741.1	\$538.5	\$3,249.3
St. Philip's College, San Antonio	23	\$110.4	\$306.3	\$25.7	\$391.1
Stephen F. Austin State University, Nacogdoches	127	\$1,650.7	\$1,628.1	\$455.2	\$2,823.6
Sul Ross State University, Alpine	17	\$188.7	\$163.7	\$48.7	\$303.7
Tarleton State University, Stephenville	39	\$451.6	\$492.5	\$137.6	\$806.6
Tarrant County Junior College, Fort Worth	120	\$540.0	\$1,720.6	\$139.0	\$2,121.6
Temple College, Temple	9	\$40.5	\$136.5	\$10.8	\$166.2
Texarkana College, Texarkana	14	\$26.3	\$213.3	\$14.6	\$225.1
Texas A & M International University, Laredo	296	\$2,971.7	\$4,428.3	\$1,154.1	\$6,245.9
Texas A & M University - Texarkana, Texarkana	2	\$22.9	\$29.5	\$8.0	\$44.4
Texas A&M University - Commerce, Commerce	396	\$4,916.7	\$5,851.4	\$2,152.9	\$8,615.2
Texas A&M University - Corpus Christi, Corpus Christi	105	\$1,220.9	\$1,932.3	\$427.8	\$2,725.4
Texas A&M University - Kingsville, Kingsville	564	\$6,395.8	\$7,337.7	\$2,621.7	\$11,111.8
Texas A&M University at Galveston, College Station	14	\$158.2	\$158.3	\$114.9	\$201.6
Texas A&M University, College Station	3,589	\$38,450.9	\$59,506.9	\$50,518.7	\$47,439.1
Texas Christian University, Fort Worth	394	\$8,384.3	\$6,391.1	\$2,868.9	\$11,906.5
Texas Lutheran University, Seguin	9	\$158.4	\$120.9	\$111.9	\$167.4
Texas Southern University, Houston	424	\$4,146.7	\$6,212.5	\$1,605.4	\$8,753.8

Texas State Technical College - Harlingen, Harlingen	35	\$170.1	\$527.0	\$42.9	\$654.2
Texas State Technical College - Waco, Waco	5	\$24.3	\$44.9	\$4.3	\$64.9
Texas State Technical College - West Texas, Sweetwater	1	\$4.9	\$9.7	\$0.9	\$13.7
Texas State University - San Marcos, San Marcos	512	\$6,174.7	\$7,598.1	\$1,939.2	\$11,833.6
Texas Tech University, Lubbock	1,075	\$12,014.5	\$18,974.1	\$10,593.9	\$20,394.7
Texas Wesleyan University, Fort Worth	43	\$556.9	\$472.8	\$155.6	\$874.1
Texas Woman's University, Denton	428	\$4,434.7	\$5,396.6	\$1,934.5	\$7,896.9
The University of Texas at Dallas, Richardson	1,915	\$28,937.6	\$35,296.7	\$21,006.5	\$43,227.7
Trinity Valley Community College, Athens	19	\$37.1	\$186.0	\$13.7	\$209.4
Tyler Junior College, Tyler	69	\$128.3	\$633.6	\$46.8	\$715.1
U. of Texas at Brownsville & Texas Southmost College, Brownsville	238	\$2,641.8	\$3,612.1	\$954.9	\$5,299.0
U. of Texas, Southwestern Medical Center at Dallas, Dallas	200	\$2,244.0	\$3,235.1	\$3,021.5	\$2,457.7
Univ of Texas Medical Branch Galveston, Galveston	108	\$1,185.8	\$1,696.8	\$1,597.0	\$1,285.6
University of Dallas, Irving	372	\$5,492.0	\$6,216.7	\$1,578.2	\$10,130.5
University of Houston - Clear Lake, Houston	593	\$5,799.5	\$9,124.5	\$1,984.5	\$12,939.6
University of Houston - Downtown, Houston	230	\$2,861.0	\$3,613.2	\$1,588.3	\$4,885.9
University of Houston - Victoria, Victoria	118	\$1,359.4	\$1,840.7	\$428.7	\$2,771.4
University of Houston, Houston	3,413	\$33,379.1	\$62,303.1	\$25,198.6	\$70,483.6
University of Mary Hardin-Baylor, Belton	14	\$176.4	\$134.7	\$60.4	\$250.7
University of North Texas, Denton	1,913	\$23,357.7	\$27,038.8	\$13,486.0	\$36,910.6
University of St. Thomas, Houston	178	\$3,017.1	\$3,083.0	\$824.8	\$5,275.2
University of Texas - Pan American, Edinburg	743	\$8,023.2	\$8,424.1	\$2,349.9	\$14,097.3
University of Texas at Arlington, Arlington	2,486	\$30,262.1	\$39,094.4	\$22,073.2	\$47,283.3
University of Texas at Austin, Austin	5,395	\$87,992.5	\$82,962.7	\$80,284.0	\$90,671.1
University of Texas at El Paso, El Paso	2,039	\$26,951.5	\$31,119.1	\$13,295.3	\$44,775.4
University of Texas at San Antonio, San Antonio	792	\$14,750.2	\$12,908.4	\$3,872.9	\$23,785.7
University of Texas at Tyler, Tyler	85	\$1,064.5	\$781.7	\$269.1	\$1,577.1
University of Texas Health Science Ctr at Houston, Houston	434	\$7,191.8	\$6,305.5	\$7,602.3	\$5,895.0
University of Texas Health Science Ctr at San Antonio, San Antonio	155	\$1,788.7	\$2,377.6	\$2,144.1	\$2,022.2
University of Texas of the Permian Basin, Odessa	5	\$57.8	\$45.7	\$15.8	\$87.6
University of the Incarnate Word, San Antonio	232	\$3,505.7	\$3,416.2	\$950.1	\$5,971.8
Victoria College, Victoria	8	\$13.2	\$118.1	\$8.2	\$123.1
Wayland Baptist University, Plainview	20	\$189.0	\$201.6	\$59.4	\$331.2
Weatherford College, Weatherford	43	\$135.5	\$667.1	\$49.1	\$753.4
West Texas A & M University, Canyon	247	\$2,833.1	\$3,809.9	\$915.1	\$5,727.9
Wharton County Junior College, Wharton	6	\$22.0	\$88.6	\$6.9	\$103.6

## **Methodology: How We Compute Economic Impact 2006**

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 2006* report, funded by the Department of State, provides numbers of foreign students at universities and colleges throughout the United States during the 2005-06 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 2005-06 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 or current employment.