

**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.

Texas

Total Number of Foreign Students: 58,934

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

Contribution from Tuition and Fees to State Economy:	\$774,345,000
Contribution from Living Expenses:	\$910,800,000
Total Contribution by Foreign Students:	\$1,685,146,000
Less U.S. Support of 27.2%	- \$458,725,000
Plus Dependents' Living Expenses:	+ \$32,106,000

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

\$1,258,527,000

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:	9.6%	Number of Couples in the U.S.:	5,639
Percent of Spouses in the U.S.:	85.0%	Number of Children per Couple:	0.6
Number of Spouses in the U.S.:	5,639	Number of Children in the U.S.:	3,376
Additional Expenses for a Spouse: (% of student living expenses)	25.0%	Additional Expenses for a Child: (% of student living expenses)	20.0%
Spouses' Contribution:	\$21,705,000	Children's Contribution:	\$10,401,000

Net Contribution to State Economy by Foreign Students' Dependents:

\$32,106,000

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)
East Texas Baptist University, Marshall	22	\$326.4	\$218.7	\$81.3	\$463.8
Kilgore College, Kilgore	103	\$377.0	\$1,310.1	\$75.3	\$1,611.8
LeTourneau University, Longview	55	\$942.6	\$864.3	\$246.8	\$1,560.1
Panola College, Carthage	17	\$57.6	\$256.8	\$14.0	\$300.4
Stephen F. Austin State University, Nacogdoches	220	\$2,827.6	\$3,171.1	\$795.3	\$5,203.4
Tyler Junior College, Tyler	83	\$305.0	\$1,347.5	\$76.1	\$1,576.4

Congressional District: 01 | Louie Gohmert (R)

\$10,715.9

Institution and City	# of Foreign Students	Tuition and Fees (thousands)	Living Expenses and Dependents (thousands)	Less U.S. Support (thousands)	Total Contribution (thousands)
Lamar University, Beaumont	650	\$8,176.0	\$8,543.2	\$2,275.9	\$14,443.4

Congressional District: 02 Ted Poe (R)					\$14,443.4
Institution and City	# of Foreign Students	Tuition and Fees (thousands)	Living Expenses and Dependents (thousands)	Less U.S. Support (thousands)	Total Contribution (thousands)
Collin County Community College District, McKinney	853	\$2,805.9	\$11,949.8	\$661.1	\$14,094.6
Richland College, Dallas	1147	\$3,922.7	\$22,073.5	\$1,180.1	\$24,816.0
Congressional District: 03 Sam Johnson (R)					\$38,910.6
Institution and City	# of Foreign Students	Tuition and Fees (thousands)	Living Expenses and Dependents (thousands)	Less U.S. Support (thousands)	Total Contribution (thousands)
Austin College, Sherman	26	\$719.9	\$511.5	\$180.6	\$1,050.8
Grayson County College, Denison	135	\$412.9	\$2,184.4	\$119.3	\$2,478.0
Paris Junior College, Paris	16	\$49.8	\$263.1	\$14.7	\$298.1
Texarkana College, Texarkana	16	\$45.6	\$189.9	\$11.3	\$224.2
Texas A&M University - Commerce, Commerce	599	\$7,588.3	\$7,997.6	\$5,443.9	\$10,142.0
Texas A&M University - Texarkana, Texarkana	***	\$68.0	\$67.7	\$18.4	\$117.2
Congressional District: 04 Ralph M. Hall (R)					\$14,310.4
Institution and City	# of Foreign Students	Tuition and Fees (thousands)	Living Expenses and Dependents (thousands)	Less U.S. Support (thousands)	Total Contribution (thousands)
Eastfield College, Mesquite	11	\$39.9	\$180.9	\$9.9	\$210.9
Jacksonville College, Jacksonville	***	\$44.9	\$131.5	\$7.9	\$168.5
Jarvis Christian College, Hawkins	***	\$17.0	\$23.1	\$6.0	\$34.1
Trinity Valley Community College, Athens	28	\$71.4	\$376.1	\$19.9	\$427.6
Congressional District: 05 Jeb Hensarling (R)					\$841.1
Institution and City	# of Foreign Students	Tuition and Fees (thousands)	Living Expenses and Dependents (thousands)	Less U.S. Support (thousands)	Total Contribution (thousands)
Navarro College, Corsicana	138	\$427.7	\$2,119.8	\$113.5	\$2,433.9
Southwestern Assemblies of God University, Waxahachie	20	\$246.5	\$299.9	\$97.2	\$449.2
University of Texas - Arlington, Arlington	3512	\$49,773.2	\$44,040.1	\$31,955.3	\$61,858.0
Congressional District: 06 Joe Barton (R)					\$64,741.1
Institution and City	# of Foreign Students	Tuition and Fees (thousands)	Living Expenses and Dependents (thousands)	Less U.S. Support (thousands)	Total Contribution (thousands)
American College of Acupuncture and Oriental Medicine, Houston	***	\$87.8	\$86.7	\$15.0	\$159.5
Baylor College of Medicine, Houston	284	\$5,923.1	\$4,850.0	\$2,686.4	\$8,086.7

Rice University, Houston	1230	\$34,669.6	\$27,009.1	\$23,934.5	\$37,744.2
University of St. Thomas, Houston	243	\$4,398.9	\$3,709.7	\$1,122.3	\$6,986.3
Congressional District: 07 John Culberson (R)					\$52,976.6
Institution and City	# of Foreign Students	Tuition and Fees (thousands)	Living Expenses and Dependents (thousands)	Less U.S. Support (thousands)	Total Contribution (thousands)
Lone Star College System, The Woodlands	2238	\$7,251.1	\$37,251.0	\$1,982.2	\$42,519.9
Sam Houston State University, Huntsville	307	\$3,751.6	\$3,987.5	\$1,007.4	\$6,731.6
Congressional District: 08 Kevin Brady (R)					\$49,251.5
Institution and City	# of Foreign Students	Tuition and Fees (thousands)	Living Expenses and Dependents (thousands)	Less U.S. Support (thousands)	Total Contribution (thousands)
Houston Baptist University, Houston	129	\$2,309.7	\$1,581.8	\$530.3	\$3,361.1
University of Texas Health Science Center - Houston, Houston	473	\$9,491.2	\$8,072.2	\$5,104.3	\$12,459.0
Congressional District: 09 Al Green (D)					\$15,820.1
Institution and City	# of Foreign Students	Tuition and Fees (thousands)	Living Expenses and Dependents (thousands)	Less U.S. Support (thousands)	Total Contribution (thousands)
Blinn College, Brenham	135	\$607.9	\$1,878.7	\$114.4	\$2,372.3
Prairie View A&M University, Prairie View	124	\$1,840.5	\$2,086.9	\$552.2	\$3,375.2
Congressional District: 10 Michael T. McCaul (R)					\$5,747.4
Institution and City	# of Foreign Students	Tuition and Fees (thousands)	Living Expenses and Dependents (thousands)	Less U.S. Support (thousands)	Total Contribution (thousands)
Angelo State University, San Angelo	64	\$849.1	\$812.1	\$230.0	\$1,431.2
Howard Payne University, Brownwood	***	\$35.2	\$31.0	\$9.9	\$56.3
Midland College, Midland	83	\$276.0	\$983.5	\$56.1	\$1,203.5
Odessa College, Odessa	22	\$36.8	\$262.2	\$13.3	\$285.7
Texas State Technical College - West Texas, Sweetwater	***	\$6.2	\$13.8	\$0.9	\$19.1
Western Texas College, Snyder	51	\$132.2	\$845.2	\$45.4	\$932.0
Congressional District: 11 K. Michael Conaway (R)					\$3,927.9
Institution and City	# of Foreign Students	Tuition and Fees (thousands)	Living Expenses and Dependents (thousands)	Less U.S. Support (thousands)	Total Contribution (thousands)
Southwestern Baptist Theological Seminary, Fort Worth	480	\$4,611.3	\$8,667.0	\$3,990.4	\$9,287.9
Tarrant County Junior College, Fort Worth	166	\$579.6	\$2,966.7	\$162.9	\$3,383.4
Texas Christian University, Fort Worth	492	\$13,839.1	\$9,750.9	\$4,570.3	\$19,019.6

Weatherford College, Weatherford	46	\$136.5	\$632.4	\$34.3	\$734.6
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Congressional District: 12 | Kay Granger (R) **\$32,425.5**

Institution and City	# of Foreign Students	Tuition and Fees (thousands)	Living Expenses and Dependents (thousands)	Less U.S. Support (thousands)	Total Contribution (thousands)
Clarendon College, Clarendon	10	\$29.5	\$126.5	\$7.0	\$149.0
Midwestern State University, Wichita Falls	483	\$5,065.3	\$5,423.3	\$1,459.3	\$9,029.3
West Texas A&M University, Canyon	201	\$2,999.7	\$2,619.3	\$752.5	\$4,866.6

Congressional District: 13 | Mac Thornberry (R) **\$14,044.9**

Institution and City	# of Foreign Students	Tuition and Fees (thousands)	Living Expenses and Dependents (thousands)	Less U.S. Support (thousands)	Total Contribution (thousands)
Alvin Community College, Alvin	16	\$48.8	\$267.2	\$14.0	\$302.0
Brazosport College, Lake Jackson	***	\$13.5	\$65.8	\$3.6	\$75.7
Galveston College, Galveston	19	\$50.7	\$316.5	\$16.9	\$350.3
Texas A&M University - Galveston, College Station	12	\$179.0	\$141.6	\$54.0	\$266.6
University of Houston - Victoria, Victoria	149	\$1,345.9	\$2,397.9	\$520.0	\$3,223.8
University of Texas Medical Branch - Galveston, Galveston	92	\$1,577.6	\$1,603.3	\$905.5	\$2,275.5
Victoria College, Victoria	***	\$14.6	\$98.7	\$5.4	\$107.9
Wharton County Junior College, Wharton	***	\$25.6	\$115.1	\$6.6	\$134.1

Congressional District: 14 | Ron Paul (R) **\$6,735.8**

Institution and City	# of Foreign Students	Tuition and Fees (thousands)	Living Expenses and Dependents (thousands)	Less U.S. Support (thousands)	Total Contribution (thousands)
Coastal Bend College, Beeville	11	\$34.9	\$180.9	\$9.7	\$206.1
Texas State Technical College - Harlingen, Harlingen	16	\$107.2	\$267.2	\$16.7	\$357.7
University of Texas - Pan American, Edinburg	708	\$7,594.6	\$8,267.6	\$2,245.4	\$13,616.9

Congressional District: 15 | Rubén Hinojosa (D) **\$14,180.7**

Institution and City	# of Foreign Students	Tuition and Fees (thousands)	Living Expenses and Dependents (thousands)	Less U.S. Support (thousands)	Total Contribution (thousands)
El Paso Community College, El Paso	441	\$694.6	\$4,933.1	\$275.1	\$5,352.7
University of Texas - El Paso, El Paso	1821	\$26,350.0	\$20,951.2	\$11,694.6	\$35,606.6

Congressional District: 16 | Silvestre Reyes (D) **\$40,959.2**

Institution and City	# of Foreign Students	Tuition and Fees (thousands)	Living Expenses and Dependents (thousands)	Less U.S. Support (thousands)	Total Contribution (thousands)
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Baylor University, Waco	432	\$11,673.2	\$9,063.4	\$6,101.3	\$14,635.4
Hill College, Hillsboro	36	\$82.3	\$582.9	\$30.4	\$634.7
McLennan Community College, Waco	34	\$110.6	\$599.6	\$31.6	\$678.5
Southwestern Adventist University, Keene	114	\$1,603.2	\$1,484.8	\$483.2	\$2,604.8
Texas A&M University, College Station	4611	\$80,960.0	\$84,530.1	\$72,914.4	\$92,575.7
Texas State Technical College - Waco, Waco	***	\$47.9	\$143.4	\$8.6	\$182.7

Congressional District: 17 | Bill Flores (R) **\$111,311.7**

Institution and City	# of Foreign Students	Tuition and Fees (thousands)	Living Expenses and Dependents (thousands)	Less U.S. Support (thousands)	Total Contribution (thousands)
Houston Community College System, Houston	6125	\$22,103.1	\$104,614.7	\$5,883.6	\$120,834.2
Texas Southern University, Houston	412	\$5,450.3	\$6,995.1	\$1,693.3	\$10,752.2
University of Houston - Downtown, Houston	353	\$4,530.8	\$6,477.2	\$1,605.6	\$9,402.4
University of Houston, Houston	4103	\$61,452.4	\$56,064.2	\$40,107.9	\$77,408.7

Congressional District: 18 | Sheila JacksonLee (D) **\$218,397.4**

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	\$3,560.9	\$2,985.6	\$878.3	\$5,668.2
Cisco Junior College, Cisco	34	\$68.0	\$550.0	\$28.3	\$589.7
Hardin-Simmons University, Abilene	27	\$502.6	\$317.5	\$116.5	\$703.5
Howard College, Big Spring	***	\$19.8	\$88.6	\$4.9	\$103.5
Lubbock Christian University, Lubbock	22	\$335.9	\$255.4	\$83.8	\$507.5
Ranger College, Ranger	***	\$5.9	\$48.4	\$2.7	\$51.6
South Plains College, Levelland	69	\$130.6	\$1,129.6	\$56.2	\$1,204.0
Texas Tech University, Lubbock	1785	\$28,943.7	\$30,019.6	\$25,763.0	\$33,200.3

Congressional District: 19 | Randy Neugebauer (R) **\$42,028.3**

Institution and City	# of Foreign Students	Tuition and Fees (thousands)	Living Expenses and Dependents (thousands)	Less U.S. Support (thousands)	Total Contribution (thousands)
Oblate School of Theology, San Antonio	47	\$528.2	\$921.6	\$387.5	\$1,062.4
Our Lady of Lake University, San Antonio	41	\$768.7	\$642.1	\$171.7	\$1,239.2
San Antonio College, San Antonio	322	\$1,468.0	\$5,850.8	\$326.3	\$6,992.5
St. Mary's University, San Antonio	133	\$3,029.4	\$2,033.9	\$709.0	\$4,354.3
University of Texas Health Science Center - San Antonio, San Antonio	189	\$3,265.8	\$3,529.3	\$1,853.1	\$4,942.0
University of the Incarnate Word, San Antonio	464	\$9,087.5	\$7,744.6	\$2,316.1	\$14,516.0

Congressional District: 20 | Charlie A. Gonzalez (D) **\$33,106.4**

Institution and City	# of Foreign Students	Tuition and Fees (thousands)	Living Expenses and Dependents (thousands)	Less U.S. Support (thousands)	Total Contribution (thousands)
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Austin Presbyterian Theological Seminary, Austin	***	\$51.6	\$111.7	\$49.4	\$113.8
Schreiner University, Kerrville	***	\$72.5	\$75.9	\$22.3	\$126.1
St. Philip's College, San Antonio	28	\$152.3	\$466.5	\$27.6	\$591.1
University of Texas - Austin, Austin	5265	\$124,959.3	\$100,370.9	\$83,107.4	\$142,222.8

Congressional District: 21 | Lamar Smith (R) \$143,053.8

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 the Mainland, Texas City	15	\$89.8	\$246.6	\$15.1	\$321.3
San Jacinto College - Central Campus, Pasadena	693	\$4,009.1	\$11,149.8	\$677.2	\$14,481.7
University of Houston - Clear Lake, Houston	775	\$10,405.1	\$14,090.7	\$3,418.2	\$21,077.7

Congressional District: 22 | Pete Olson (R) \$35,880.6

Institution and City	# of Foreign Students	Tuition and Fees (thousands)	Living Expenses and Dependents (thousands)	Less U.S. Support (thousands)	Total Contribution (thousands)
Palo Alto College, San Antonio	10	\$57.6	\$182.7	\$11.2	\$229.2
Southwest Texas Junior College, Uvalde	86	\$194.8	\$1,414.1	\$57.8	\$1,551.1
Sul Ross State University, Alpine	22	\$240.5	\$289.3	\$74.6	\$455.2
University of Texas - San Antonio, San Antonio	1231	\$17,106.4	\$21,911.7	\$5,379.9	\$33,638.2

Congressional District: 23 | Francisco Canseco (R) \$35,873.7

Institution and City	# of Foreign Students	Tuition and Fees (thousands)	Living Expenses and Dependents (thousands)	Less U.S. Support (thousands)	Total Contribution (thousands)
Brookhaven College, Farmers Branch	641	\$1,725.5	\$10,404.1	\$559.3	\$11,570.3
Dallas Baptist University, Dallas	613	\$8,589.8	\$7,185.2	\$2,227.3	\$13,547.7
Graduate Institute of Applied Linguistics, Dallas	***	\$30.5	\$105.2	\$40.8	\$94.9
North Lake College, Irving	956	\$3,029.1	\$16,117.5	\$852.9	\$18,293.7
Northwood University - Texas Campus, Cedar Hill	21	\$367.3	\$327.4	\$143.0	\$551.6

Congressional District: 24 | Kenny Marchant (R) \$44,058.2

Institution and City	# of Foreign Students	Tuition and Fees (thousands)	Living Expenses and Dependents (thousands)	Less U.S. Support (thousands)	Total Contribution (thousands)
Austin Community College, Austin	501	\$3,607.9	\$9,860.5	\$616.1	\$12,852.2
Episcopal Theological Seminary Southwest, Austin	***	\$30.9	\$66.6	\$29.7	\$67.9
Saint Edward's University, Austin	141	\$3,114.6	\$2,317.7	\$765.2	\$4,667.1
Texas State University - San Marcos, San Marcos	511	\$5,710.1	\$6,500.1	\$1,669.8	\$10,540.4

Congressional District: 25 | Lloyd Doggett (D) \$28,127.6

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 - Texas, Irving	67	\$400.9	\$1,141.8	\$158.2	\$1,384.5
North Central Texas College, Gainesville	94	\$290.2	\$1,218.1	\$67.2	\$1,441.1
Texas Wesleyan University, Fort Worth	49	\$583.3	\$551.2	\$160.1	\$974.4
Texas Woman's University, Denton	391	\$5,983.0	\$5,508.1	\$4,464.8	\$7,026.2
University of North Texas, Denton	2498	\$35,086.9	\$33,854.0	\$21,671.6	\$47,269.4
Congressional District: 26 Michael Burgess (R)					\$58,095.7

Institution and City	# of Foreign Students	Tuition and Fees (thousands)	Living Expenses and Dependents (thousands)	Less U.S. Support (thousands)	Total Contribution (thousands)
Del Mar College, Corpus Christi	59	\$231.8	\$628.9	\$38.4	\$822.2
Texas A&M University - Corpus Christi, Corpus Christi	365	\$4,239.9	\$4,154.7	\$1,058.5	\$7,336.0
Texas A&M University - Kingsville, Kingsville	1100	\$8,724.8	\$11,950.0	\$9,055.6	\$11,619.1
University of Texas at Brownsville and Texas Southmost College, Brownsville	300	\$3,091.9	\$4,742.9	\$1,065.1	\$6,769.7
Congressional District: 27 Blake Farenthold (R)					\$26,547.1

Institution and City	# of Foreign Students	Tuition and Fees (thousands)	Living Expenses and Dependents (thousands)	Less U.S. Support (thousands)	Total Contribution (thousands)
Laredo Community College, Laredo	128	\$480.0	\$2,057.9	\$116.6	\$2,421.3
Texas Lutheran University, Seguin	19	\$392.0	\$257.0	\$96.8	\$552.2
Congressional District: 28 Henry Cuellar (D)					\$2,973.5

Institution and City	# of Foreign Students	Tuition and Fees (thousands)	Living Expenses and Dependents (thousands)	Less U.S. Support (thousands)	Total Contribution (thousands)
Lee College, Baytown	63	\$154.6	\$1,033.8	\$55.3	\$1,133.2
Congressional District: 29 Gene Green (D)					\$1,133.2

Institution and City	# of Foreign Students	Tuition and Fees (thousands)	Living Expenses and Dependents (thousands)	Less U.S. Support (thousands)	Total Contribution (thousands)
Baylor College of Dentistry, Dallas	27	\$381.0	\$427.4	\$207.3	\$601.1
Dallas Theological Seminary, Dallas	108	\$1,083.2	\$2,155.2	\$998.0	\$2,240.4
El Centro College, Dallas	99	\$273.2	\$1,919.3	\$97.7	\$2,094.9
University of Texas Southwestern Medical Center - Dallas, Dallas	159	\$3,025.5	\$3,259.8	\$1,947.4	\$4,337.9
Congressional District: 30 EddieBernice Johnson (D)					\$9,274.3

Institution and City	# of Foreign Students	Tuition and Fees (thousands)	Living Expenses and Dependents (thousands)	Less U.S. Support (thousands)	Total Contribution (thousands)
Southwestern University, Georgetown	10	\$302.2	\$204.8	\$57.8	\$449.2
University of Mary Hardin-Baylor, Belton	50	\$977.2	\$585.0	\$221.2	\$1,341.0

Congressional District: 31 | John Carter (R) **\$1,790.3**

Institution and City	# of Foreign Students	Tuition and Fees (thousands)	Living Expenses and Dependents (thousands)	Less U.S. Support (thousands)	Total Contribution (thousands)
Southern Methodist University, Dallas	1003	\$27,445.9	\$20,341.6	\$15,362.8	\$32,424.7
University of Dallas, Irving	351	\$7,583.2	\$5,719.0	\$1,698.1	\$11,604.1
University of Texas - Dallas, Richardson	2648	\$34,130.5	\$39,954.9	\$31,271.5	\$42,814.0

Congressional District: 32 | Pete Sessions (R) **\$86,842.7**

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 (***)