

### Four-Year Graduation Rates of Full-Time, First-Time Freshmen by Responses on the Fall 2009 Freshman Cooperative Institutional Research Program (CIRP) Survey

Prepared by the Office of Institutional Research, Planning & Effectiveness March 11, 2014

This report examines four-year graduation rates of full-time, first-time students entering Stony Brook University in Fall 2009 by their responses to questions asked on the Cooperative Institutional Research Program (CIRP) Freshman Survey administered by the Higher Education Research Institute (HERI) at the University of California Los Angeles.

Major findings confirm other research that indicates **grades earned during high school represent the factor most related to graduation rates**. Beyond this, however, a range of other self-reported factors were associated with higher graduation rates at statistically significant levels.

### High school academics

- Taking AP Exams in high school
- Not skipping school/classes in high school
- Taking notes during class in high school
- Working with other students on high school class assignments
- Performing community service as part of a high school class
- Self-rated drive to achieve
- Self-rated intellectual self-confidence

### Admissions and financial aid

- Importance to parents of student attending Stony Brook
- Financial assistance from Stony Brook
- Not offered financial aid by first choice
- Could not afford first choice
- Admission through early decision
- Rankings in national magazines

#### Social experience in high school

- Not smoking cigarettes in high school
- Not drinking alcohol in high school
- Disagreement that marijuana should be legalized
- Less time spent playing video games in high school
- Self-rated spirituality
- Parents' status (alive, living together)

### Plans for campus engagement

- Living on campus
- Goal to participate in a community action program
- Plans to participate in volunteer or community service work
- Plans to participate in student groups
- Agreement that colleges have the right to ban controversial speakers
- Goal to become an authority in a field

### Methodology

From 1971 through 2006, Stony Brook University conducted the CIRP Freshman survey almost every fall during freshmen orientation. Now the campus administers the survey on a three-year cycle, surveying the entering classes in 2009 and 2012. In fall 2009, 2,795 students entered Stony Brook as full-time, first-time freshmen, and 2,467 students took the survey. Of these, 996 provided their student ID numbers and gave consent for additional research to be conducted on their responses.

Overall responses were compared to national norms for highly selective public universities as well as public universities overall. These results are available on the Office of Institutional Research, Planning & Effectiveness (IRPE) web site. Responses of students who provide ID numbers were linked to graduation rate outcomes, maintained by IRPE. Of the group who provided ID numbers, 478 or 48.0% graduated within four years of entry (on or before Aug. 31, 2013), compared to 46.2% of the entire 2009 cohort of full-time freshmen, suggesting the group of respondents with IDs was roughly comparable to the student population at large.

Graduation rates by response categories were calculated and tested for statistical significance using a 2-tailed chi-square test and flagged using the following notations: \*\*\* p<0.001, \*\* p<0.01, \*\* p<0.05, + p<0.10. Results are only highlighted or discussed when p<0.05.

### Caveats: Correlation vs. Causation and the Limitations of Survey Data

As with all analyses of this type, caution should be taken not to confuse correlation with causation. For instance, results indicate that students who reported they smoked cigarettes frequently or occasionally during high school graduated at a rate about 20 percentage points lower than students who reported they did not smoke cigarettes during high school. Clearly smoking cigarettes prior to college *did not cause* fewer students to complete degrees in four years, but rather this behavioral factor *is associated with* lower graduation rates.

Further, survey research inherently includes biases and uncertainties introduced by self-reported responses; survey participants may forget things, they may exaggerate, or even fabricate responses. Such uncertainties should be taken into account when interpreting results.

### Highlights

Statistically significant results can be roughly grouped into four categories: high school academics, plans of campus engagement, the social experience in high school, and admissions and financial aid. It is important to recognize that higher grades earned in high school was by far the most significant factors associated with higher graduation rates, and this relationship dwarfs the relationship observed between other survey items and graduation rates.

### *High School Academics* Figure 1. Four-Year Graduation Rates by Self-Reported High School Grades









### Figure 3. Four-Year Graduation Rates by Frequency of Skipping Class/School

#### Figure 4. Four-Year Graduation Rates by Frequency of Taking Notes in Class



past year?

#### Figure 5. Four-Year Graduation Rates by Frequency of Working with Other Students



#### Figure 6. Four-Year Graduation Rates by Frequency of Community Service in Class



### Figure 7. Four-Year Graduation Rates by Self-Rated Drive to Achieve



Rate yourself on your drive to achive compared to the average person your age

### Figure 8. Four-Year Graduation Rates by Self-Rated Intellectual Self-Confidence



Rate yourself on intellectual self-confidence compared to the average person your age

# 100 <u>g</u> 100

### Social Experience in High School Figure 9. Four-Year Graduation Rates by Frequency of Cigarette Smoking in Past Year



#### Figure 10. Four-Year Graduation Rates by Frequency of Drinking Alcohol in Past Year



past year

Figure 11. Four-Year Graduation Rates by View that Marijuana Should Be Legalized



### Figure 12. Four-Year Graduation Rates by Time Spent Playing Video Games



## Figure 13. Four-Year Graduation Rates by Self-Rated Spirituality



the average person your age

Figure 14. Four-Year Graduation Rates by Parents' Status



Are your parents alive? divorced?

### Admissions and Financial Aid Figure 15. Four-Year Graduation Rates by Importance to Parents to Attend SBU



How important was you parents wanting you to attend SBU in your decision to come here?

### Figure 16. Four-Year Graduation Rates by Importance of Offer of Financial Aid



How important was SBU's offer of financial assistance in your decision to come here?

### Figure 17. Four-Year Graduation Rates by Importance of Aid Offer from 1st Choice



How important was not being offered aid from your 1st choice in your decision to come here?

### Figure 18. Four-Year Graduation Rates by Importance of Unaffordability of 1st Choice



How important was not being able to afford your 1st choice in your decision to come here?

## Figure 19. Four-Year Graduation Rates by Importance of Early Action/Decision



How important was admission through early action/decision in your decision to come here?

## Figure 20. Four-Year Graduation Rates by Importance of Rankings in Nat'l Magazines



How important was admission through early action/decision in your decision to come here?

### *Plans for Campus Engagement* Figure 21. Four-Year Graduation Rates by Planned Living Arrangements



### Figure 22. Four-Year Graduation Rates by Importance of Community Action Program



Indicate the importance to you personally in participating in a community action program

#### Figure 23. Four-Year Graduation Rates by Anticipated Participation in Volunteer Work



Best guess as to chances you will participate in volunteer work or community service?

#### Figure 24. Four-Year Graduation Rates by Anticipated Participation in Student Clubs



Best guess as to chances you will participate in student clubs/groups?

## Figure 25. Four-Year Graduation Rates by College Right to Ban Extreme Speakers



View that colleges have the right to ban extreme speakers from campus

# Figure 26. Four-Year Graduation Rates by Importance of Becoming Authority in a Field



View that colleges have the right to ban extreme speakers from campus

# Table 1. 4-Year Graduation Rates of Full-Time, First-Time Students Entering in Fall 2009 by Responses on the CIRP Freshman Survey – Statistically Significant Responses only

			G	Graduated in	4 years	
		Responses	No	Yes	Grad ra	te
		Count	Count	Count	Pct	Sig
Preliminary cohort grad rate	(N=2,795)	2795	1504	1291	46.2	
Respondents with Student ID	Total	996	518	478	48.0	
Respondents w/o Student ID	Total	1471				
Is English your native	No	195	85	110	56.4	
language?	Yes	793	428	365	46.0	
What was your	D	0	0	0		**
average grade in high school?	С	1	0	1	100.0	
	C+	2	1	1	50.0	
	B-	26	21	5	19.2	
	В	110	70	40	36.4	
	B+	193	111	82	42.5	
	A-	322	190	132	41.0	
	A or A+	333	117	216	64.9	
Where do you plan to live during the fall	With my family or other relatives	206	121	85	41.3	
term?	Other private home, apartment, or room	19	14	5	26.3	
	College residence hall	745	366	379	50.9	
	Fraternity or sorority house	0	0	0		
	Other campus student housing	15	8	7	46.7	
	Other	0	0	0		
Citizenship status	Neither	18	8	10	55.6	
	Permanent resident (green card)	71	28	43	60.6	
	U.S. citizen	898	478	420	46.8	
Are your parents alive?	One or both deceased	29	17	12	41.4	
divorced?	Both alive, divorced or living	216	131	85	39.4	
	apart Both alive and living with each other	745	367	378	50.7	
Science: need special	Not marked	927	490	437	47.1	
tutoring or remedial work	Marked	69	28	41	59.4	

			G	Graduated in 4	l years	
		Responses	No	Yes	Grad ra	te
		Count	Count	Count	Pct	Sig
AP Courses take	Not offered at my HS	37	21	16	43.2	Ť
during high school	None	111	66	45	40.5	
	1-4	576	307	269	46.7	
	5-9	223	106	117	52.5	
	10-14	15	4	11	73.3	
	15+	1	1	0	0.0	
AP Exams take during	Not offered at my HS	32	17	15	46.9	*
high school	None	144	92	52	36.1	
	1-4	518	267	251	48.5	
	5-9	203	94	109	53.7	
	10-14	14	4	10	71.4	
	15+	1	1	0	0.0	
Highest academic	None	5	2	3	60.0	†
degree planned	Vocational certificate	0	0	0		
	Associate (A.A. or equivalent)	2	1	1	50.0	
	Bachelors degree (B.A., B.S., etc.)	73	47	26	35.6	
	Masters degree (M.A., M.S., etc.)	312	164	148	47.4	
	Ph.D. or Ed.D.	229	118	111	48.5	
	M.D., D.O., D.D.S., D.V.M.	214	96	118	55.1	
	J.D. (Law)	31	11	20	64.5	
	B.D. or M.DIV. (Divinity)	0	0	0		
	Other	9	6	3	33.3	
Aid: Family resources	None	105	59	46	43.8	†
(parents, relatives, spouse, etc.)	Less than \$1,000	96	50	46	47.9	
	\$1,000 - 2,999	156	83	73	46.8	
	\$3,000 - 5,999	183	84	99	54.1	
	\$6,000 - 9,999	134	83	51	38.1	
	\$10,000 +	235	113	122	51.9	
Act in Past Year:	Not at all	886	442	444	50.1	*
Smoked cigarettes	Occasionally	67	47	20	29.9	
	Frequently	30	21	9	30.0	
Act in Past Year: Drank	Not at all	657	317	340	51.8	*
beer	Occasionally	276	164	112	40.6	
	Frequently	44	24	20	45.5	

		(	Graduated in	4 years	
nses No	Respor	No	Yes	Grad ra	te
nt Count	Cour	Count	Count	Pct	Sig
622 297		297	325	52.3	**
317 186	quor Occasionally	186	131	41.3	
29 16	Frequently	16	13	44.8	
123 74	st Year: Not at all	74	49	39.8	†
548 289	d volunteer Occasionally	289	259	47.3	
312 149	Frequently	149	163	52.2	
640 345		345	295	46.1	†
198 98	et: To blog Occasionally	98	100	50.5	
138 67	Frequently	61	77	55.8	
395 232		231	164	41.5	**
438 207	d community s part of a Occasionally	207	231	52.7	
141 66	Frequently	66	75	53.2	
712 345		345	367	51.5	**
245 150	school/class Occasionally	150	95	38.8	
19 12	Frequently	12	7	36.8	
0 (	ng: Academic Lowest 10%	0	0		*
1 1	Below average	1	0	0.0	
177 100	Average	100	77	43.5	
603 323	Above average	323	280	46.4	
210 91	Highest 10%	91	119	56.7	
6 2	ng: Creativity Lowest 10%	2	4	66.7	*
71 28	Below average	28	43	60.6	
358 198	Average	198	160	44.7	
403 196	Above average	196	207	51.4	
154 92	Highest 10%	92	62	40.3	
3 2	ng: Drive to Lowest 10%	2	1	33.3	*
15 9	Below average	9	6	40.0	
232 134	Average	134	98	42.2	
425 227	Above average	227	198	46.6	
317 143	Highest 10%	143	174	54.9	
5 3	ng: Self- Lowest 10%	3	2	40.0	*
34 18	e Below average	18	16	47.1	
319 190		190	129	40.4	
437 212	Above average	212	225	51.5	
194 92	Highest 10%	92	102	52.6	
	Ũ				

Responses         No         Yes         Grad rate           Self Rating: Spirituality         Lowest 10%         103         67         36         35.0         *           Self Rating: Spirituality         Lowest 10%         107         87         60         40.8           Average         413         217         196         47.5            Above average         218         93         125         57.3           Highest 10%         30         0         3         100.0         1           Understanding of others         Average         278         156         122         43.9           Above average         278         156         122         43.9            Average         278         156         122         43.9            Above average         473         241         1         50.0         1           Below average         48         2         6         75.0            Self Rating: Tolerance of others with different below         Lowest 10%         22         1         1         80.0         1           Gccasionally         334         216         178         452         1	p<0.001, p<0.01,	p.0.00,   p.0.10		Graduated in 4 years			
Self Rating: Spirituality         Lowest 10%         103         67         36         35.0         *           Below average         147         87         60         40.8           Average         413         217         196         47.5           Above average         218         93         125         57.3           Highest 10%         106         46         60         56.6           Self Rating:         Lowest 10%         3         0         3         100.0         †           Understanding of others         Below average         218         156         122         43.9           Above average         473         241         232         49.0            Highest 10%         216         1111         105         48.6            Self Rating: Tolerance         Lowest 10%         2         1         1         50.0         †           Below average         432         26         75.0          8         2         6         75.0           Average         150         65         85         56.7          442.2         440.6           Habits of Mind: Revise         Not at all			Responses	No	Yes	Grad ra	te
Self Rating: Spirituality         Lowest 10%         103         67         36         35.0         *           Below average         147         87         60         40.8         40.8         40.8         40.8         40.8         40.8         40.8         40.8         40.8         40.8         40.5         5.5         40.0         5.5         5.5         40.0         5.6         7.3         40.0         3         100.0         †         40.6         60         56.6         40.8         47.3         40.0         3         100.0         †         40.0         40.0         10.0         †         40.0         10.0         †         40.0         43.9         43.2         49.0         43.2         49.0         43.2         49.0         43.2         49.0         43.6         6         7.5         40.0         44.6         6         7.0         44.6         6         7.0         44.6         6         7.0         44.6         6         7.0         44.6         6         7.0         40.0         44.6         7.0         40.0         44.6         7.0         40.2         44.7         40.0         44.0         2.0         4.7         4.0         4.0         4.0			Count	Count	Count	Pct	Sig
Average         413         217         196         47.5           Above average         218         93         125         57.3           Highest 10%         106         46         60         56.6           Self Rating: Understanding of others         Lowest 10%         3         0         3         100.0         †           Below average         21         7         14         66.7         64.7         43.9         64.7           Above average         473         241         232         49.0         1         66.7         65.6         65.6         56.6         56.6         56.6         56.6         56.6         56.6         56.6         56.7         65.8         56.7         65.8         56.7         4bove average         432         229         203         47.0         1         16.0         17.8         45.2         16.8         16.7         16.8         16.7         16.7         16.7         16.7         16.7         16.7         16.7         16.7         16.7         16.7         16.7         16.7         16.7         16.7         17.7         17.0         17.7         17.0         17.7         17.7         17.0         17.7         17.7	Self Rating: Spirituality	Lowest 10%	103	67	36	35.0	*
Above average         218         93         125         57.3           Highest 10%         106         46         60         56.6           Self Rating:         Lowest 10%         3         0         3         100.0         †           Understanding of others         Below average         21         7         144         66.7           Average         278         156         122         43.9           Highest 10%         216         111         105         48.6           Self Rating: Tolerance of others with different beliefs         Lowest 10%         2         1         1         50.0         †           Habits of Mind: Revise your papers to improve your writing         Average         150         65         85         56.7           Habits of Mind: Accept notes and of the learning process         Not at all         82         53         29         35.4         †           Gocasionally         534         274         260         48.7         †           Habits of Mind: Accept notes during class         Not at all         16         12         4         25.0         †           Habits of Mind: Take notes during class         Not at all         38         23         15		Below average	147	87	60	40.8	
Highest 10%         106         46         60         56.6           Self Rating: Understanding of others         Lowest 10%         3         0         3         100.0         †           Above average         21         7         14         66.7           Average         278         156         122         43.9           Above average         473         241         223         49.0           Highest 10%         216         111         105         48.6           Self Rating: Tolerance of others with different beliefs         Lowest 10%         2         1         1         50.0         †           Below average         8         2         6         75.0              Abore average         432         229         203         47.0             Habits of Mind: Revise your papers to improve your writing         Not at all         82         53         29         35.4         †           Occasionally         534         274         260         48.7            Frequently         371         187         184         49.6            Habits of Mind: Accept notes suring class         Not at		Average	413	217	196	47.5	
Self Rating: Understanding of others         Lowest 10% Below average         3         0         3         100.0         1           Understanding of others         Below average         21         7         14         66.7           Average         278         156         122         43.9           Above average         473         241         232         49.0           Highest 10%         21         1         1         50.0         1           Self Rating: Tolerance         Lowest 10%         2         1         1         50.0         1           beliefs         Average         150         65         85         56.7            Average         150         65         85         56.7              Mabits of Mind: Revise your writing         Not at all         34         216         178         45.2             Habits of Mind: Accept mistakes as part of the learning process         Not at all         16         12         4         25.0         †           Occasionally         554         277         277         50.0         ***           Habits of Mind: Take notes during class         Not at all         38		Above average	218	93	125	57.3	
Understanding of others         Below average Average         21         7         14         66.7           Average         278         156         122         43.9           Above average         473         241         232         49.0           Highest 10%         216         1111         105         48.6           Self Rating: Tolerance of others with different beliefs         Lowest 10%         2         1         1         50.0         1           Gotters with different beliefs         Lowest 10%         2         229         203         47.0           Habits of Mind: Revise your papers to improve your writing         Not at all         82         53         29         35.4         1           Habits of Mind: Accept mistakes as part of the learning process         Not at all         61         12         4         25.0         1           Habits of Mind: Take notes during class         Not at all         16         12         4         25.0         1           Habits of Mind: Take notes during class         Not at all         06         38         23         15         39.5         ***           Habits of Mind: Take notes during class         Not at all         28         18         10         35.7 <td< td=""><td></td><td>Highest 10%</td><td>106</td><td>46</td><td>60</td><td>56.6</td><td></td></td<>		Highest 10%	106	46	60	56.6	
others         below average         21         7         14         60.7           Average         278         156         122         43.9           Above average         473         241         232         49.0           Highest 10%         216         1111         105         48.6           Self Rating: Tolerance of others with different beliefs         Lowest 10%         2         1         1         50.0         †           Below average         8         2         6         75.0          Average         432         229         203         47.0           Habits of Mind: Revise         Not at all         82         53         29         35.4         †           Occasionally         534         274         260         48.7            Your writing         Frequently         371         187         184         49.6           Habits of Mind: Accept mistakes as part of the learning process         Not at all         6         1         36.7         ***           Occasionally         245         155         90         36.7         ***         5         ***           Habits of Mind: Take notes at all         0245         155		Lowest 10%	3	0	3	100.0	†
Average         278         156         122         43.9           Above average         473         241         232         49.0           Highest 10%         216         111         105         48.6           Self Rating: Tolerace of others with different beliefs         Lowest 10%         2         1         1         50.0         1           Gotters with different beliefs         Lowest 10%         2         1         1         50.0         1           Average         8         2         6         75.0         1         445.2           Habits of Mind: Revise your papers to improve your writing         Not at all         82         53         29         35.4         1           Occasionally         534         274         260         48.7         1         184         49.6         1           Habits of Mind: Accept mistakes as part of the learning process         Not at all         16         12         4         25.0         1           Habits of Mind: Take notes during class         Not at all         0ccasionally         245         155         90         36.7         ***           Habits of Mind: Take notes during class         Not at all         0ccasionally         389         220		Below average	21	7	14	66.7	
Highest 10%         216         111         105         48.6           Self Rating: Tolerance of others with different beliefs         Lowest 10%         2         1         1         50.0         †           Below average beliefs         Average         150         65         85         56.7           Average         432         229         203         47.0         44.6           Habits of Mind: Revise your apers to improve your writing         Not at all         82         53         29         35.4         †           Habits of Mind: Revise your writing         Not at all         0ccasionally         534         274         260         48.7           Habits of Mind: Accept         Not at all         0cf         16         12         4         25.0         †           Habits of Mind: Take notes during class         Not at all         0f         12         4         25.0         †           Habits of Mind: Take notes during class         Not at all         0ccasionally         245         155         90         36.7           Frequently         702         334         368         52.4         ****           Habits of Mind: Work with other students on class asignments         Not at all         28         18		Average	278	156	122	43.9	
Self Rating: Tolerance of others with different beliefs         Lowest 10%         2         1         1         50.0         †           Below average of others with different beliefs         Average         150         65         85         56.7           Above average         432         229         203         47.0           Highest 10%         394         216         178         45.2           Habits of Mind: Revise your papers to improve your writing         Not at all         82         53         29         35.4         †           Occasionally         534         274         260         48.7             Habits of Mind: Accept mistakes as part of the learning process         Not at all         0ccasionally         419         225         194         46.3           Prequently         554         277         277         60.0         ***           Habits of Mind: Take notes during class         Not at all         38         23         15         39.5         ****           Habits of Mind: Work with other students on class assignments         Not at all         28         18         10         35.7         *           Gaze: American         Not marked         461         226         235 <t< td=""><td></td><td>Above average</td><td>473</td><td>241</td><td>232</td><td>49.0</td><td></td></t<>		Above average	473	241	232	49.0	
of others with different beliefs         Below average         8         2         6         75.0           Average         150         65         85         56.7           Above average         432         229         203         47.0           Habits of Mind: Revise your papers to improve your writing         Not at all         82         53         29         35.4         †           Habits of Mind: Accept mistakes as part of the learning process         Not at all         16         12         4         25.0         †           Habits of Mind: Take notes during class         Not at all         16         12         4         25.0         †           Habits of Mind: Take notes during class         Not at all         38         23         15         39.5         ***           Habits of Mind: Work with other students on class assignments         Not at all         38         23         15         39.5         ***           Habits of Mind: Work with other students on class assignments         Not at all         28         18         10         35.7         *           Habits of Mind: Work with other students on class assignments         Not araked         461         226         235         51.0         †           Marked         535		Highest 10%	216	111	105	48.6	
beliefs         Below average         6         2         6         73.0           Average         150         65         85         56.7           Above average         432         229         203         47.0           Habits of Mind: Revise your papers to improve your writing         Not at all         82         53         29         35.4         †           Habits of Mind: Accept mistakes as part of the learning process         Not at all         16         12         4         25.0         †           Habits of Mind: Accept mistakes as part of the learning process         Not at all         16         12         4         25.0         †           Habits of Mind: Take notes during class         Not at all         38         23         15         39.5         ****           Habits of Mind: Work with other students on class assignments         Not at all         28         18         10         35.7         *           Race: American Indian/Alaska Native         Not marked         461         226         235         51.0         †           Race: Asian American/Asian         Not marked         691         378         313         45.3         *           Race: Evuent Rican         Not marked         691         378		Lowest 10%	2	1	1	50.0	†
Average         150         65         85         56.7           Above average         432         229         203         47.0           Highest 10%         394         216         178         45.2           Habits of Mind: Revise your papers to improve your writing         Not at all         82         53         29         35.4         †           Habits of Mind: Accept mistakes as part of the learning process         Not at all         16         12         4         25.0         †           Habits of Mind: Accept mistakes as part of the learning process         Not at all         16         12         4         25.0         †           Habits of Mind: Take notes during class         Not at all         38         23         15         39.5         ****           Accasionally         245         155         90         36.7         ***           Habits of Mind: Work with other students on class assignments         Not at all         28         18         10         35.7         ****           Acce: American Indian/Alaska Native         Not marked         461         226         235         51.0         †           Race: Asian American/Asian         Not marked         985         509         476         48.3		Below average	8	2	6	75.0	
Highest 10%         394         216         178         45.2           Habits of Mind: Revise your papers to improve your writing         Not at all         82         53         29         35.4         †           Gcasionally         534         274         260         48.7                44.7          260         48.7              44.9                44.9 <td>501010</td> <td>Average</td> <td>150</td> <td>65</td> <td>85</td> <td>56.7</td> <td></td>	501010	Average	150	65	85	56.7	
Habits of Mind: Revise your papers to improve your writing         Not at all Occasionally Frequently         82         53         29         35.4         1           Habits of Mind: Accept mistakes as part of the learning process         Not at all         16         12         4         25.0         †           Habits of Mind: Accept mistakes as part of the learning process         Not at all         16         12         4         25.0         †           Habits of Mind: Take notes during class         Not at all         38         23         15         39.5         ****           Atabits of Mind: Take notes during class         Not at all         38         23         15         39.5         ****           Atabits of Mind: Work with other students on class assignments         Not at all         28         18         10         35.7         *           Race: Merican         Not marked         461         226         235         51.0         †           Marked         535         292         243         45.4         ‡           Race: American Indian/Alaska Native         Not marked         985         509         476         48.3         †           Race: American/Asian         Not marked         305         140         165         54.1		Above average	432	229	203	47.0	
your papers to improve your writing         Occasionally Frequently         534         274         260         48.7           Habits of Mind: Accept learning process         Not at all         16         12         4         25.0         †           Makes as part of the learning process         Not at all         16         12         4         25.0         †           Habits of Mind: Take notes during class         Not at all         38         23         15         39.5         ****           Habits of Mind: Work with other students on class assignments         Not at all         389         220         169         43.4           Frequently         571         276         295         51.7         *           Race: White/Caucasian         Not marked         461         226         235         51.0         †           Race: American Indian/Alaska Native         Not marked         985         509         476         48.3         *           Race: Asian American/Asian         Not marked         985         509         476         48.3         *           Race: Mexican American/Chicano         Not marked         990         378         313         45.3         *           Race: Puerto Rican         Not marked         <		Highest 10%	394	216	178	45.2	
your writing         Occasionally         334         274         260         44.7           Habits of Mind: Accept mistakes as part of the learning process         Not at all         16         12         4         25.0         †           Habits of Mind: Accept mistakes as part of the learning process         Not at all         16         12         4         25.0         †           Habits of Mind: Take notes during class         Not at all         38         23         15         39.5         ****           Habits of Mind: Take notes during class         Not at all         38         23         15         39.5         ****           Occasionally         245         155         90         36.7         *         ****           Habits of Mind: Work with other students on class assignments         Not at all         28         18         10         35.7         *           Qccasionally         389         220         169         43.4         *           Frequently         571         276         295         51.7         *           Race:         Not marked         985         292         243         45.4         *           Indian/Alaska Native         Marked         11         9         2		Not at all	82	53	29	35.4	†
Frequently         371         187         184         49.6           Habits of Mind: Accept mistakes as part of the learning process         Not at all         16         12         4         25.0         †           Makes as part of the learning process         Not at all         64.3         277         277         50.0           Habits of Mind: Take notes during class         Not at all         38         23         15         39.5         ****           Mathematical during class         Not at all         38         23         15         90         36.7           Frequently         702         334         368         52.4         ****           Habits of Mind: Work with other students on class assignments         Not at all         28         18         10         35.7         *           Race: Cace: American Indian/Alaska Native         Not marked         461         226         235         51.0         †           Race: American Indian/Alaska Native         Not marked         985         509         476         48.3         †           Race: Asian American/Asian         Not marked         691         378         313         45.3         *           Race: Mexican American/Chicano         Not marked         990		Occasionally	534	274	260	48.7	
mistakes as part of the learning process         Occasionally Frequently         419         225         194         46.3           Habits of Mind: Take notes during class         Not at all         38         23         15         39.5         ****           Occasionally notes during class         Not at all         38         23         15         39.5         ****           Habits of Mind: Take notes during class         Not at all         245         155         90         36.7           Frequently         702         334         368         52.4         ****           Habits of Mind: Work with other students on class assignments         Not at all         28         18         10         35.7         *           Race: Mexican Indian/Alaska Native         Not marked         389         220         169         43.4         *           Race: American Indian/Alaska Native         Not marked         985         509         476         48.3         †           Race: Asian American/Asian         Not marked         691         378         313         45.3         *           Race: Mexican American/Chicano         Not marked         691         378         313         45.3         *           Race: Puerto Rican         Not ma	your writing	Frequently	371	187	184	49.6	
$\begin{array}{ c c c c c c c } \mbox{learning process} & Occasionally & 419 & 223 & 194 & 40.3 \\ \hline \mbox{Frequently} & 554 & 277 & 277 & 50.0 \\ \mbox{Habits of Mind: Take notes during class} & Not at all & 38 & 23 & 15 & 39.5 \\ \hline \mbox{Occasionally} & 245 & 155 & 90 & 36.7 \\ \hline \mbox{Frequently} & 702 & 334 & 368 & 52.4 \\ \mbox{Habits of Mind: Work with other students on class assignments} & Not at all & 28 & 18 & 10 & 35.7 \\ \hline \mbox{Casionally} & 245 & 155 & 90 & 43.4 \\ \hline \mbox{Occasionally} & 389 & 220 & 169 & 43.4 \\ \hline \mbox{Occasionally} & 571 & 276 & 295 & 51.7 \\ \hline \mbox{Race: American} & Not marked & 461 & 226 & 235 & 51.0 \\ \hline \mbox{Marked} & 535 & 292 & 243 & 45.4 \\ \hline \mbox{Marked} & 515 & 292 & 243 & 45.4 \\ \hline \mbox{Marked} & 11 & 9 & 2 & 18.2 \\ \hline \mbox{Race: Asian} & Not marked & 691 & 378 & 313 & 45.3 & * \\ \hline \mbox{Marked} & 305 & 140 & 165 & 54.1 \\ \hline \mbox{Race: Mexican} & Not marked & 990 & 512 & 478 & 48.3 & * \\ \hline \mbox{Marked} & 66 & 6 & 0 & 0.0 \\ \hline \mbox{Race: Puerto Rican} & Not marked & 969 & 498 & 471 & 48.6 & * \\ \hline \mbox{Marked} & 969 & 498 & 471 & 48.6 & * \\ \hline \mbox{Marked} & 969 & 498 & 471 & 48.6 & * \\ \hline \mbox{Marked} & 560 & 496 & 496 & 400 & 0.6 \\ \hline \mbox{Marked} & 960 & 498 & 471 & 48.6 & * \\ \hline \mbox{Marked} & 960 & 498 & 471 & 48.6 & * \\ \hline \mbox{Marked} & 960 & 498 & 471 & 48.6 & * \\ \hline \mbox{Marked} & 960 & 498 & 471 & 48.6 & * \\ \hline \mbox{Marked} & 960 & 498 & 471 & 48.6 & * \\ \hline \mbox{Marked} & 960 & 498 & 471 & 48.6 & * \\ \hline \mbox{Marked} & 960 & 498 & 471 & 48.6 & * \\ \hline \mbox{Marked} & 960 & 498 & 471 & 48.6 & * \\ \hline \mbox{Marked} & 960 & 498 & 471 & 48.6 & * \\ \hline \mbox{Marked} & 960 & 498 & 471 & 48.6 & * \\ \hline \mbox{Marked} & 960 & 498 & 471 & 48.6 & * \\ \hline \mbox{Marked} & 960 & 498 & 471 & 48.6 & * \\ \hline \mbox{Marked} & 960 & 498 & 471 & 48.6 & * \\ \hline \mbox{Marked} & 960 & 498 & 471 & 48.6 & * \\ \hline \mbox{Marked} & 960 & 498 & 471 & 48.6 & * \\ \hline \mbox{Marked} & 960 & 498 & 471 & 48.6 & * \\ \hline \mbox{Marked} & 960 & 498 & 471 & 48.6 & * \\ \hline \mbox{Marked} & 960 & 498 & 471 & 48.6 & * \\ \hline \mbox{Marked} & 960 &$		Not at all	16	12	4	25.0	†
Frequently         554         277         277         50.0           Habits of Mind: Take notes during class         Not at all         38         23         15         39.5         ***           Occasionally         245         155         90         36.7            Habits of Mind: Work with other students on class assignments         Not at all         28         18         10         35.7         *           Race:         Not marked         389         220         169         43.4         *           White/Caucasian         Not marked         461         226         235         51.0         †           Race: American Indian/Alaska Native         Not marked         985         292         243         45.3         †           Race: Asian American/Asian         Not marked         691         378         313         45.3         *           American/Asian         Not marked         691         378         313         45.3         *           Race: Mexican American Marked         690         378         313         45.3         *           American/Chicano         Not marked         691         378         313         45.3         *           American/C		Occasionally	419	225	194	46.3	
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	loanning proceed	Frequently	554	277	277	50.0	
Image: Constant of the students of Mind: Work with other students on class assignments         Not at all         245         155         90         36.7           Habits of Mind: Work with other students on class assignments         Not at all         28         18         10         35.7         *           Race: White/Caucasian         Occasionally         389         220         169         43.4         *           Race: American Indian/Alaska Native         Not marked         461         226         235         51.0         †           Race: Asian American/Asian         Not marked         985         509         476         48.3         †           Race: Mexican American/Chicano         Not marked         691         378         313         45.3         *           Race: Puerto Rican         Not marked         990         512         478         48.3         *		Not at all	38	23	15	39.5	***
Habits of Mind: Work with other students on class assignmentsNot at all $28$ $18$ $10$ $35.7$ $*$ Mot at all class assignmentsOccasionally Frequently $389$ $220$ $169$ $43.4$ $43.4$ Race: White/CaucasianNot marked $461$ $226$ $235$ $51.7$ $7$ Race: American Indian/Alaska NativeNot marked $985$ $509$ $476$ $48.3$ $7$ Race: Asian American/AsianNot marked $691$ $378$ $313$ $45.3$ $*$ Race: Mexican American/ChicanoNot marked $990$ $512$ $478$ $48.3$ $*$ Race: Puerto RicanNot marked $969$ $498$ $471$ $48.6$ $*$	notes during class	Occasionally	245	155	90	36.7	
with other students on class assignments         Occasionally Frequently $389$ $220$ $169$ $43.4$ Race: White/Caucasian         Not marked $571$ $276$ $295$ $51.7$ Race: White/Caucasian         Not marked $461$ $226$ $235$ $51.0$ $\uparrow$ Race: American Indian/Alaska Native         Not marked $985$ $509$ $476$ $48.3$ $\uparrow$ Race: Asian American/Asian         Not marked $985$ $509$ $476$ $48.3$ $\uparrow$ Race: Mexican American/Asian         Not marked $691$ $378$ $313$ $45.3$ $*$ Race: Mexican American/Chicano         Not marked $990$ $512$ $478$ $48.3$ $*$ Race: Puerto Rican         Not marked $969$ $498$ $471$ $48.6$ $*$		Frequently	702	334	368	52.4	
class assignments       Occasionally       389       220       169       43.4         Frequently       571       276       295       51.7         Race:       Not marked       461       226       235       51.0       †         White/Caucasian       Marked       535       292       243       45.4       *         Race: American       Not marked       985       509       476       48.3       †         Indian/Alaska Native       Marked       11       9       2       18.2       *         Race: Asian       Not marked       691       378       313       45.3       *         American/Asian       Not marked       990       512       478       48.3       *         Race: Mexican       Not marked       990       512       478       48.3       *         American/Chicano       Marked       66       6       0       0.0       *         Race: Puerto Rican       Not marked       969       498       471       48.6       *		Not at all	28	18	10	35.7	*
Frequently         571         276         295         51.7           Race:         Not marked         461         226         235         51.0         †           White/Caucasian         Marked         535         292         243         45.4         1           Race: American         Not marked         985         509         476         48.3         †           Indian/Alaska Native         Marked         11         9         2         18.2         1           Race: Asian         Not marked         691         378         313         45.3         *           American/Asian         Not marked         990         512         478         48.3         *           Race: Mexican         Not marked         990         512         478         48.3         *           American/Chicano         Marked         66         6         0         0.0         *           Race: Puerto Rican         Not marked         969         498         471         48.6         *		Occasionally	389	220	169	43.4	
White/Caucasian MarkedMarked53529224345.4Race: American Indian/Alaska NativeNot marked98550947648.3†Marked119218.2*Race: Asian American/AsianNot marked69137831345.3*Race: Mexican American/ChicanoNot marked99051247848.3*Race: Puerto RicanNot marked6600.0*	clace accignmente	Frequently	571	276	295	51.7	
Marked         535         292         243         45.4           Race: American Indian/Alaska Native         Not marked         985         509         476         48.3         †           Marked         11         9         2         18.3         18.3         18.3         18.3         18.3         18.3         18.3         18.3         18.3         18.3         18.3         18.3         18.3         18.3         18.3         18.		Not marked	461	226	235	51.0	†
Indian/Alaska NativeMarked119218.2Race: Asian American/AsianNot marked69137831345.3*Marked30514016554.1*Race: Mexican American/ChicanoNot marked99051247848.3*Marked6600.0**Race: Puerto RicanNot marked96949847148.6*	White/Caucasian	Marked	535	292	243	45.4	
Marked         11         9         2         18.2           Race: Asian American/Asian         Not marked         691         378         313         45.3         *           Marked         305         140         165         54.1         *           Race: Mexican American/Chicano         Not marked         990         512         478         48.3         *           Marked         6         6         0         0.0         *           Race: Puerto Rican         Not marked         969         498         471         48.6         *		Not marked	985	509	476	48.3	†
American/Asian         Marked         305         140         165         54.1           Race: Mexican American/Chicano         Not marked         990         512         478         48.3         *           Marked         6         6         0         0.0         *           Race: Puerto Rican         Not marked         969         498         471         48.6         *	Indian/Alaska Native	Marked	11	9	2	18.2	
Marked         305         140         165         54.1           Race: Mexican American/Chicano         Not marked         990         512         478         48.3         *           Marked         6         6         0         0.0         *           Race: Puerto Rican         Not marked         969         498         471         48.6         *	Race: Asian	Not marked	691	378	313	45.3	*
American/ChicanoMarked6600.0Race: Puerto RicanNot marked96949847148.6*	American/Asian	Marked	305	140	165	54.1	
Marked         6         6         0         0.0           Race: Puerto Rican         Not marked         969         498         471         48.6         *		Not marked	990	512	478	48.3	*
	American/Chicano	Marked	6	6	0	0.0	
Marked 27 20 7 25.9	Race: Puerto Rican	Not marked	969	498	471	48.6	*
		Marked	27	20	7	25.9	

			G	Fraduated in 4	l years	
		Responses	No	Yes	Grad ra	te
		Count	Count	Count	Pct	Sig
Race: Other Latino	Not marked	930	468	462	49.7	***
	Marked	66	50	16	24.2	
View: There is too	Disagree strongly	82	52	30	36.6	†
much concern in the courts for the rights of	Disagree somewhat	400	211	189	47.3	
criminals	Agree somewhat	442	214	228	51.6	
	Agree strongly	45	27	18	40.0	
View: Marijuana should	Disagree strongly	253	121	132	52.2	**
be legalized	Disagree somewhat	301	152	149	49.5	
	Agree somewhat	302	152	150	49.7	
	Agree strongly	132	88	44	33.3	
View: Dissent is a	Disagree strongly	39	28	11	28.2	†
critical component of the political process	Disagree somewhat	286	151	135	47.2	
the political process	Agree somewhat	488	249	239	49.0	
	Agree strongly	124	64	60	48.4	
View: Colleges have	Disagree strongly	248	148	100	40.3	*
the right to ban extreme speakers from campus	Disagree somewhat	399	202	197	49.4	
	Agree somewhat	281	136	145	51.6	
	Agree strongly	53	24	29	54.7	
Reason Attend: My	Not important	223	133	90	40.4	*
parents wanted me to	Somewhat important	404	198	206	51.0	
go	Very important	340	173	167	49.1	
Hours per Week:	None	15	10	5	33.3	*
Studying/homework	Less than one hour	114	74	40	35.1	
	1 to 2 hours	217	120	97	44.7	
	3 to 5 hours	270	138	132	48.9	
	6 to 10 hours	203	95	108	53.2	
	11 to 15 hours	79	34	45	57.0	
	16 to 20 hours	45	20	25	55.6	
	Over 20 hours	26	14	12	46.2	
Hours per Week:	None	247	147	100	40.5	†
Volunteer work	Less than one hour	185	94	91	49.2	
	1 to 2 hours	257	121	136	52.9	
	3 to 5 hours	175	90	85	48.6	
	6 to 10 hours	59	32	27	45.8	
	11 to 15 hours	20	6	14	70.0	
	16 to 20 hours	10	6	4	40.0	
	Over 20 hours	16	7	9	56.3	

			G	Graduated in 4	years	
		Responses	No	Yes	Grad ra	te
		Count	Count	Count	Pct	Sig
Hours per Week:	None	167	87	80	47.9	*
Reading for pleasure	Less than one hour	247	127	120	48.6	
	1 to 2 hours	230	104	126	54.8	
	3 to 5 hours	199	107	92	46.2	
	6 to 10 hours	80	41	39	48.8	
	11 to 15 hours	27	20	7	25.9	
	16 to 20 hours	8	8	0	0.0	
	Over 20 hours	11	9	2	18.2	
Hours per Week:	None	259	133	126	48.6	*
Playing video/computer games	Less than one hour	198	84	114	57.6	
94	1 to 2 hours	196	105	91	46.4	
	3 to 5 hours	165	91	74	44.8	
	6 to 10 hours	77	40	37	48.1	
	11 to 15 hours	40	28	12	30.0	
	16 to 20 hours	9	5	4	44.4	
	Over 20 hours	23	16	7	30.4	
Choose to Attend: My	Not important	376	220	156	41.5	**
parents wanted me to come here	Somewhat important	432	214	218	50.5	
	Very important	185	84	101	54.6	
Choose to Attend: I	Not important	350	205	145	41.4	**
was offered financial assistance	Somewhat important	315	158	157	49.8	
	Very important	320	150	170	53.1	
Choose to Attend: Not	Not important	704	385	319	45.3	*
offered aid by first choice	Somewhat important	166	79	87	52.4	
	Very important	108	47	61	56.5	
Choose to Attend:	Not important	630	355	275	43.7	**
Could not afford first choice	Somewhat important	159	76	83	52.2	
	Very important	188	79	109	58.0	
Choose to Attend:	Not important	245	145	100	40.8	*
Rankings in national magazines	Somewhat important	458	230	228	49.8	
mayazines	Very important	283	137	146	51.6	
Choose to Attend: I	Not important	731	413	318	43.5	***
was admitted through an Early Action or	Somewhat important	147	60	87	59.2	
Early Decision program	Very important	94	34	60	63.8	

			Graduated in 4 years			
		Responses No Yes				te
		Count	Count	Count	Pct	Sig
Goal: Becoming an	Not important	82	54	28	34.1	*
authority in my field	Somewhat important	368	185	183	49.7	
	Very important	375	199	176	46.9	
	Essential	160	74	86	53.8	
Goal: Helping others	Not important	22	14	8	36.4	†
who are in difficulty	Somewhat important	284	162	122	43.0	
	Very important	415	212	203	48.9	
	Essential	268	125	143	53.4	
Goal: Participating in a	Not important	270	159	111	41.1	**
community action program	Somewhat important	491	256	235	47.9	
	Very important	182	78	104	57.1	
	Essential	40	17	23	57.5	
Future Act: Get a job to	No chance	31	17	14	45.2	†
help pay for college expenses	Very little chance	91	49	42	46.2	
охроносо	Some chance	347	162	185	53.3	
	Very good chance	520	287	233	44.8	
Future Act: Participate	No chance	49	28	21	42.9	***
in volunteer or community service	Very little chance	225	140	85	37.8	
work	Some chance	444	227	217	48.9	
	Very good chance	266	112	154	57.9	
Future Act: Participate	No chance	13	12	1	7.7	**
in student clubs/groups	Very little chance	113	68	45	39.8	
	Some chance	413	222	191	46.2	
	Very good chance	448	209	239	53.3	
Future Act: Have a	No chance	136	84	52	38.2	†
roommate of different race/ethnicity	Very little chance	73	40	33	45.2	
	Some chance	351	176	175	49.9	
	Very good chance	419	209	210	50.1	
Future Act: Discuss	No chance	8	7	1	12.5	†
course content with students outside of	Very little chance	73	40	33	45.2	
class	Some chance	402	217	185	46.0	
	Very good chance	502	246	256	51.0	