

ASPIRING SCIENTISTS:

Characteristics of College Freshmen Interested in the Biomedical and Behavioral Sciences



**Sylvia Hurtado
Oscar S. Cerna
June C. Chang
Victor B. Saenz
Lina R. Lopez
Cynthia Mosqueda
Leticia Oseguera
Mitchell J. Chang
William S. Korn**



Higher Education Research Institute • University of California, Los Angeles

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Prepared by:

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EXECUTIVE SUMMARY

While national data on college students indicate a rising interest in postgraduate study, interest in biological science majors is also at an all time high, doubling in such fields as general biological sciences, biochemistry, biophysics and psychology. At the same time, societal demographic shifts signify larger increases in racial/ethnic minority high school graduates entering higher education by 2015. These factors offer scholars an opportunity to understand the aspirations, preparation, and college experiences of underrepresented minority (URM) students who intend to pursue biomedical and behavioral research science and health professional careers.

This report begins to identify key factors associated with an entering college student's interest in a biomedical or behavioral science career. Our study has yielded important findings:

- There is a promising pool of first-year URM students with a strong academic interest in the biological and behavioral sciences. Over two-thirds of them aspire toward a post-graduate degree and more than half are serious about conducting work on finding a cure to a health problem.
- URM students who aspire to be biological and behavioral science majors face early obstacles. More URM students report concerns about financing their education than their White and Asian peers. In addition, URM students take fewer years of high school math and science coursework than White and Asian students, a potential impediment to their preparation as biomedical and behavioral science majors in college.
- While URM students report higher levels than Whites and Asians on key academic/career choices such as participation in a research-oriented program before they begin college, few report a specific interest in a scientific research career at college entry.

As URM students consider their long-term educational and career plans in the biomedical and behavioral sciences, it will be particularly important to acknowledge these findings and address how to prepare them to pursue these interests, access these research experiences, and quell their concerns during their undergraduate years. A key objective of the project is to inform educators about how best to prepare URM students for competitive candidacy to graduate school and eventually toward health-science research careers.

INTRODUCTION

Conditions are ripe for understanding student interest in health-science related fields, preparation, and eventual pursuit of research careers. National data on college freshmen from UCLA's Higher Education Research Institute (HERI) indicate student interest in postgraduate degrees is at an all time high (Astin, Oseguera, Sax & Korn, 2002). Moreover, interest in biological science majors is also at an all time high and has doubled in fields such as general biological sciences, biochemistry, and biophysics in the last 15 years (Sax, Hurtado, Lindholm, Astin, Korn, & Mahoney, 2004). Interest in psychology as a potential field of study continues to increase and is evidenced by the large class sizes on college campuses. At the same time, an impending demographic surge portends large increases in racial/ethnic minority high school graduates entering higher education by 2015 (Carnavale & Fry, 2001).

This is an opportunity to understand the aspirations, preparation, and college experiences of underrepresented racial/ethnic students and perhaps reduce the racial/ethnic disparity in their representation among college faculty, research scientists, and health career professionals in biomedical and behavioral science research. For over 30 years the National Institute for General Medical Sciences (NIGMS) at the National Institutes of Health (NIH) have funded programs to reduce the disparity between the majority and underrepresented minority groups in access to research careers (RFA, 2003). Despite best intentions in practice, there remain many unanswered questions regarding the nature and contexts of engagement among underrepresented students that lead to the highest degree aspirations, developing "habits of mind," retention and preparation for biomedical and behavioral research careers.

This report is the first on the 2004 entering cohort of students who aspire to majors in the biological and behavioral sciences from the NIH-funded project, *Promoting Diversity: Access and Engagement in Biomedical and Behavioral Research Careers*. The report takes advantage of

student interest in the biological and behavioral sciences and demographic changes across the country, and is intended to provide insight into racial/ethnic differences in student aspirations, expectations, preparation, and concerns as they enter college. Subsequent reports will examine how underrepresented minority (URM) students experience access to resources and engagement in college that lead to their preparation and retention in biomedical and behavioral science research careers. A key objective of the project is to inform educators about these aspirations, access to resources, and engagement that will orient and prepare students for health-science research careers.

METHOD

Data source: Data were derived from the HERI's Cooperative Institutional Research Program's (CIRP) annual Student Information Form (SIF); a national survey of freshmen college students. The SIF covers a wide range of student characteristics: parental income and education, ethnicity, and other demographic items; financial aid; secondary school achievement and activities; educational and career plans; and values, attitudes, beliefs and self-concept. It is administered during registration, freshman orientation, or the first few weeks of classes (i.e., before the students have had any substantial experience with college life). In 2004, items related to students' intentions to pursue scientific research careers were also included on the survey instrument. Overall, 424,808 students completed a Freshman Survey at 720 higher education institutions (both two-year and four-year).

Sample Institutions: All institutions that have entering freshmen classes and responded to the U.S. Department of Education's (DOE) Higher Education General Information Survey were invited to participate in the SIF. For 2004, attempts were made to increase the number of minority-serving institutions, because they produce large numbers of minority baccalaureates in

the sciences¹, and campuses with NIH sponsored programs, in order to best examine the experiences of underrepresented minority students majoring in the biomedical and behavioral sciences at college entry.

Institutions identified as part of the national population were divided into 26 stratification groups based on institutional race (predominantly White vs. predominantly Black), type (four-year college, university), control (public, private nonsectarian, Roman Catholic, and other religious) and the “selectivity level” of the institution. We define a university as an institution that awards a certain minimal number of earned doctoral degrees. Institutions that offer postbaccalaureate programs but do not award a sufficient number of earned doctoral degrees are considered four-year colleges. Historically Black Colleges and Universities (HBCUs) are institutions that fall into stratification groups defined by institutional race as predominantly Black. Hispanic Serving Institutions (HSIs) are considered institutions in which the total Hispanic enrollment constitutes a minimum of 25 percent of the total enrollment, as determined by Hispanic Association of Colleges and Universities (HACU).

Institutions with NIH programs are those campuses with research and training program grants listed on the NIGMS website: <http://www.nigms.nih.gov/funding/instprog.html>. These programs include the undergraduate Minority Access to Research Careers (MARC), the undergraduate Minority Biomedical Research Support (MBRS) and the Predoctoral Research Training programs listed on the website. For the purposes of this report, only four-year colleges and universities are included in the analysis.

Students: The selected sample include 70,249 students from 694 institutions with an initial interest (i.e., probable field of study at the start of freshman year) in one of the following

¹ As reported in the national Integrated Postsecondary Education Data System (IPEDS) data and the list of Top 50 science baccalaureate-producing institutions from the journal *Black Issues in Higher Education*.

biomedical or behavioral science majors: biology (general); biochemistry or biophysics; microbiology or bacteriology; zoology; chemistry; medicine, dentistry, veterinary medicine; pharmacy, or psychology. Only first-time, full-time freshmen at four-year colleges and universities in the U.S. are included. The data presented were not weighted as these students do not represent a national sample of college freshmen. As mentioned previously, we instead sought to oversample students attending minority serving institutions and institutions graduating large numbers of students majoring in the sciences. High-achieving high school students are those who reported an A- to A+ average high school GPA, an SAT/ACT scored above 1158 (the sample's mean), and more than four years of mathematics, two years of physical science and two years of biological science coursework in high school. We present additional analyses on these students.

Students were allowed to mark more than one racial/ethnic group on the SIF to best reflect their mono- or multi-racial/ethnic identity. For the purposes of analysis and presentation of data, students marking more than one race/ethnicity are assigned to the least represented racial/ethnic group marked. URM groups include Black/African American, Latina/o (including Mexican American, Puerto Rican, and Other Latino) and American Indian/Alaska Native students.

INSTITUTIONAL REPRESENTATION IN SAMPLE

Table 1 displays the number and types of colleges and universities represented in this study's institutional sample. In addition, the sample is compared to the overall number of colleges and universities (by type) in the national population of institutions.² This sample contains students from nearly half (45%) of all four-year colleges as well as half of all universities (50%). More specifically, the institutions in the sample represent half of all private

² As reported from the 2004 American Freshman Report and the Hispanic Association of Colleges and Universities web-site.

four-year colleges (50%) and over two-thirds of all private universities (70%), while smaller proportions of public four-year colleges and public universities are represented (35% and 38%, respectively). Because HBCUs and HSIs serve the largest pool of underrepresented minority students, it was important to pull a substantial amount of students from these two institutional types. We find that this sample includes students who attend nearly one-third of all HBCUs (32%) and nearly one-quarter of all HSIs (22%) in the country.

Table 1: Institutional representation in sample and population

	All		HBCU	HSI [1]	4-year colleges		Universities		HBCUs		HSI	
	4 yr coll	Univ			Public	Private	Public	Private	Public	Private	Public	Private
Number of Institutions (Sample)	576	97	27	22	128	448	48	49	14	13	9	13
Number of Institutions (Population) [2]	1267	195	84	102	366	901	125	70	37	47	55	47

[1] Only four-year institutions qualifying as HSIs are included

[2] As reported in the 2004 American Freshman Report and Hispanic Association of Colleges & Universities web-site

STUDENTS BY RACE/ETHNICITY AT INSTITUTIONS

Increasing the number of underrepresented minority research scientists in the biological, biomedical, and behavioral sciences has been a specific mission of NIH over the years. Accordingly, NIH has funded several educational initiatives, in the form of undergraduate research programs, at colleges and universities. Table 2 displays where these programs are most commonly located among our sample, which groups of students they serve, and whether they are reaching their targeted student groups. Overall, 53.6 percent of our student sample of aspiring scientists attended an institution that hosted an NIH program. While a small proportion of students at four-year colleges (9.2%) have access to these programs, a greater percentage of students at universities (53.6%) do. More students at public (41.5%) rather than private (17.8%) institutions attend campuses with NIH initiatives. In line with NIH's goal to target URM students, a large share of students at both HBCUs (74.1%) and HSIs (64.8%) attend institutions with NIH programs on their campuses.

Table 2: Proportion of aspiring biomedical or behavioral science students of each racial/ethnic group by institutional type [3]

	All Resp.	All White	Asian / As. Am.	Haw. Pac. Isl.	All URM	All URMs			All Latino		
						African Am.	Am. Indian	All Latino	Mex. Am.	Puerto Rican	Other Latino
All institutions (N)	70,249	46,629	8,923	792	13,905	6,941	1,539	5,425	2,411	880	2,134
NIH	28.9	21.4	50.6	65.0	39.2	39.3	28.7	41.8	54.1	25.8	34.7
Non-NIH	71.1	78.6	49.4	46.9	60.8	60.7	71.3	58.2	45.9	74.2	65.3
4-year College (N)	39,082	27,263	2,813	344	8,662	4,784	1,001	2,877	1,278	498	1,101
NIH	9.2	3.2	10.6	23.6	26.9	31.1	13.3	24.7	36.0	12.2	17.2
Non-NIH	90.8	96.8	86.7	76.5	73.1	68.9	86.7	75.3	64.0	87.7	82.7
University (N)	31,167	19,366	6,110	448	5,243	2,157	538	2,548	1,133	382	1,033
NIH	53.6	46.9	69.0	65.0	59.4	57.8	57.4	61.2	74.5	43.5	53.3
Non-NIH	46.4	53.1	31.0	35.0	40.6	42.2	42.6	38.8	25.6	56.5	46.7
Public (N)	32,808	21,041	4,766	465	6,536	3,127	805	2,604	1,365	376	863
NIH	41.5	33.3	66.8	69.4	47.7	37.0	39.3	63.3	77.6	37.2	52.1
Non-NIH	58.4	66.7	33.2	30.6	52.2	63.0	60.7	36.7	22.5	62.8	47.8
Private (N)	37,441	25,588	4,157	327	7,369	3,814	734	2,821	1,046	504	1,271
NIH	17.8	11.6	32.0	15.0	31.5	41.3	17.1	22.1	23.4	17.3	22.9
Non-NIH	83.1	88.5	68.0	85.1	68.5	58.7	82.8	78.0	76.7	82.8	77.1
HBCU (N)	2,242	32	34	7	2,169	2,002	97	70	9	35	26
NIH	74.1	71.9	85.3	42.9	74.0	74.1	75.3	71.4	88.9	68.6	69.2
Non-NIH	25.9	28.1	14.7	57.1	26.0	25.9	24.7	28.6	11.1	31.4	30.8
HSI (N)	2,359	813	302	66	1,178	228	76	874	541	55	278
NIH	64.8	58.5	70.9	84.8	66.5	63.2	61.8	67.7	73.8	60.0	57.6
Non-NIH	35.2	41.5	29.1	15.2	33.5	36.8	38.2	32.3	26.2	40.0	42.4

[3] Institutional categories are not mutually exclusive

Across institutional type, control and race, a higher proportion of URM students, as compared to their White and Asian peers, attend institutions with NIH programs. For example, students at four-year colleges make up over half of the sample (n=39,082); 31.1 percent of African American, 13.3 percent of American Indian, and 24.7 percent of Latino students attend NIH schools compared with only 3.2 percent of White and 10.6 percent of Asian American students. This pattern holds true at universities, except for the case(s) of Asian American and Hawaiian/Pacific Islander students, where over 60 percent of students of these ethnic backgrounds attend institutions with NIH programs.

FINANCES

At college entry, URM students report having major concerns for financing their college education more than their White and Asian American student peers. Specifically, 24.6 percent of African American, 22.1 percent of American Indian, and 23.7 percent of all Latino students expect major concerns for financing their education, whereas only 15.9 percent of all Asian American students and 11.5 percent of all White students share the same concern. In addition, 8.8 percent of all URM students state that the chances are “very good” they will work full-time while attending college, compared to 5.1 percent of White and 4.2 percent of Asian American students.

Distinctions in college financial assistance and resources can also be made between URM and White and Asian peers or highly-represented students. For instance, in the first year of college, 57 percent of all URM students receive more than \$1,000 from family resources to help them finance their college education expenses, compared to over 76 percent of highly-represented students. Seventy-four percent of URM students receive more than \$1,000 of aid which needs not be repaid and 54.9 percent receive aid which must be repaid, compared to highly-represented students (63.5% and 47.5%, respectively). When reporting parental living arrangements, nearly 53 percent of all URM students have parents who are both alive and living with each other, compared to over 78 percent of highly-represented students. Additionally, over 41 percent of URM students have parents that are divorced or living apart, compared to only 17.6 percent of highly-represented students.

Table 3: Finances by race/ ethnicity

	All Resp				All U.R.M.	All URMs			All Latino		
		All White	Asian As. Am	Haw. Pac. Is.		African Am.	Am. Indian	All Latino	Mex. Am.	Puerto Rican	Other Latino
Number of Respondents	70,249	46,629	8,923	792	13,905	6,941	1,539	5,425	2,411	880	2,134
Are your parents											
Both alive and living with each other	72.0	75.3	84.6	76.6	52.9	43.3	56.2	64.2	68.7	50.4	64.9
Both alive, divorced or living apart	24.3	21.6	12.2	19.1	41.3	49.4	38.8	31.7	27.9	43.8	31.1
One or both deceased	3.7	3.1	3.2	4.3	5.8	7.3	5.0	4.0	3.4	5.8	4.0
Parental Income above \$40,000	77.5	85.2	69.5	82.0	57.5	53.5	67.8	59.2	58.5	61.9	58.8
Sources to help finance 1st year college education expenses (>\$1,000)											
Family resources (parents, relatives, spouse, etc.)	72.4	76.1	76.2	79.3	57.1	53.6	57.4	61.5	59.3	59.1	65.0
My own resources (savings from work, work-study, other income)	33.8	36.2	29.3	31.2	28.6	24.9	33.4	32.2	34.8	29.0	30.3
Aid which need <u>not</u> be repaid (grants, scholarships, military funding, etc.)	65.9	64.1	63.7	62.7	74.0	75.3	74.2	72.2	73.8	70.8	71.0
Aid which <u>must</u> be repaid (loans, etc.)	49.2	48.6	43.6	50.4	54.9	57.1	54.4	52.3	53.2	57.0	49.5
Other than above	3.0	2.9	2.8	3.1	3.8	3.8	3.4	3.9	4.1	4.0	3.5
Expect major concerns in financing college education	14.6	11.5	15.9	20.4	24.0	24.6	22.1	23.7	25.9	24.6	20.9
Student estimates chances are "very good" that he/she will:											
Work full-time while attending college	5.7	5.1	4.2	7.1	8.8	9.5	8.5	8.0	8.5	9.1	7.1
Get a job to help pay for college expenses	48.7	48.7	43.4	50.3	52.2	50.1	54.0	54.3	57.7	51.5	51.7

ACADEMIC PREPARATION BY RACE/ETHNICITY

As shown in Table 4, URM students are overall less academically prepared than their White and Asian American counterparts and report having lower self-confidence. For example, URM students are less likely to rate themselves as “above average” or “highest 10%” in their academic ability (71.8%) and mathematical ability (41%) than highly-represented students (79.8% and 59.1%, respectively). Moreover, only 40.2 percent of African Americans, 54 percent of American Indians, and 53.3 percent of Latino students report a high school GPA of A- to A+. By comparison, 65.7 percent of White and 68.3 percent of Asian American students have an A- or better grade point average. Another common measure of academic preparation, SAT and ACT

scores, shows similar patterns. Whites and Asian Americans have mean scores of 1179 and 1246, respectively, whereas the average score for URM is 1044. Despite this, URM students give themselves a higher self-rating for drive to achieve (81.8%) and intellectual self-confidence (64.1%) than highly-represented students (79% and 60.4%, respectively).

Table 4: Academic preparation and ratings by race/ethnicity

	All Resp	All White	Asian As. Am	Haw. Pc. Is.	All U.R.M.	All URMs			All Latino		
						African Am.	Am. Indian	All Latino	Mex. Am.	Puerto Rican	Other Latino
Number of Respondents	70,249	46,629	8,923	792	13,905	6,941	1,539	5,425	2,411	880	2,134
High school GPA (A- to A+ average)	62.2	65.7	68.3	57.6	46.8	40.2	54.0	53.3	54.6	48.4	53.8
SAT/ACT Mean Scores [4]	1158	1179	1246	1139	1044	1001	1097	1082	1056	1078	1113
SAT/ACT Scores St. Deviations	183.7	171.5	182.2	169.3	176.6	165.0	181.4	176.4	171.0	165.0	182.0
Student rated self "above average" or "highest 10%" as compared with the average person of his/her age in:											
Academic ability	79.8	81.9	81.6	77.7	71.8	70.7	78.0	71.5	70.3	71.1	72.9
Mathematical ability	51.9	53.0	62.9	50.7	41.0	39.3	44.6	42.1	41.1	40.0	44.1
Drive to achieve	79.0	78.4	77.3	79.6	81.8	83.5	80.0	80.3	80.1	80.4	80.4
Self-confidence (intellectual)	60.4	60.1	57.1	53.7	64.1	68.6	62.7	58.8	57.0	61.3	59.7
Have you participated in:											
A summer research program?	9.0	6.9	13.8	10.2	13.3	16.1	9.2	10.8	9.4	11.4	12.0
A health science research program sponsored by a university?	5.2	3.7	7.3	6.4	8.8	11.0	5.0	7.1	6.5	6.7	7.9
High school coursework											
Mathematics (4 years)	85.8	86.0	90.9	88.2	81.7	82.7	78.6	81.4	79.4	78.9	84.6
Physical Science (2 years)	61.6	63.6	66.2	59.9	52.2	47.9	54.4	57.1	56.8	55.8	58.0
Biological Science (2 years)	59.6	60.5	65.6	59.9	52.9	50.4	57.8	54.6	54.3	48.4	57.5

[4] ACT/SAT conversions were computed from 69,434 students participating in the 1996-1997 SIF who reported scores

Differences in academic preparation can also be seen in the amount of coursework taken in mathematics, physical sciences and biological sciences. URM students, especially Mexican American, Puerto Rican and American Indian, report taking fewer mathematics classes compared to their White and Asian American peers. Specifically, 86 percent of White students and 90.9 percent of Asian American students took four year of mathematics. In contrast, 81.7 percent of all URM students took four years of mathematics. In addition, URM students take fewer years of physical and biological sciences coursework than their White and Asian American peers.

Despite having lower grades and test scores, some URM students have more experience in another key area: participation in research-oriented programs. For instance, African American students (16.1%) participate in summer research programs at a higher rate than any other racial/ethnic group. They are twice as likely to have attended a health science research program sponsored by a university (11%) as all respondents combined (5.2%). These findings suggest that bridge programs that provide opportunities for supplemental education in science/math is important for students in terms of preparation, as students enter with research experience and motivation as the next section indicates.

ASPIRATIONS

While URMs (n=13,905) make up nearly one-fifth of all respondents (n=70,249), a slightly higher percentage of the URM population (+ 4.2%) aspire towards attaining a doctoral degree. In particular, African American respondents (38.3%) show a higher percentage of having these degree aspirations than White (31.5%) and Asian American respondents (31.4%). Higher proportions of Latino (35.8%) and American Indian respondents (33.8%) also indicate having aspirations for a doctorate, as compared to their White and Asian American peers. However, only 4.5 percent of the URM population selected “scientific researcher” as a possible career option, compared to 6.3 percent of all respondents. White and American Indian respondents report the highest percentages for this career option (both at 7.1%), followed by Latino (5.3%), Asian American (5.2%), and African American respondents (3.3%). In comparison, over a quarter (>25%) of all students from each racial group in the sample report becoming a physician would more likely be a career aspiration. This may indicate motivation for advanced degree, including doctoral degrees, but perhaps not a firm sense of what a scientific research career entails. Such aspirations can be further developed through undergraduate research programs that provide greater insight into a scientific research career.

Table 5: Aspirations by race/ethnicity

	All Resp	All White	Asian As Am	Haw. Pc. Is.	All U.R.M.	All URM's			All Latino		
						African Am.	Am. Indian	All Latino	Mex. Am.	Puerto Rican	Other Latino
Number of Respondents	70,249	46,629	8,923	792	13,905	6,941	1,539	5,425	2,411	880	2,134
Aspire to M.D., D.O., D.D.S., or D.V.M.	38.3	36.9	46.8	39.5	37.7	37.7	38.9	37.4	35.9	33.0	40.8
Aspire to Ph.D. or Ed.D.	32.6	31.5	31.4	35.3	36.8	38.3	33.8	35.8	36.3	37.6	34.6
Objectives considered to be "essential" or "very important"											
Becoming an authority in my field	60.4	58.9	60.2	60.8	65.7	69.5	64.8	61.2	58.8	64.7	62.5
Obtaining recognition from my colleagues for contributions to my special field	54.4	53.0	56.3	58.0	57.8	58.6	54.2	57.8	56.5	58.8	58.8
Making a theoretical contribution to science	35.7	34.1	39.6	37.4	38.8	39.2	36.4	39.1	37.8	35.4	42.0
Working to find a cure to a health problem	51.3	47.1	62.3	59.1	57.7	60.0	51.8	56.5	56.8	52.1	58.1
Student's probable career											
Clinical psychologist	7.5	7.9	2.8	4.6	9.2	9.2	8.7	9.3	8.8	11.8	8.7
Physician	29.7	26.9	40.0	34.9	32.6	34.8	27.2	31.3	30.6	26.7	33.8
Scientific researcher	6.3	7.1	5.2	4.2	4.5	3.3	7.1	5.3	4.4	4.0	6.7

A higher proportion of URM respondents (65.7%), as compared to all respondents (60.4%) consider it to be “essential” or “very important” that they become an authority in their field. Well over half of African American (69.5%) respondents report this to be true, while smaller percentages of White (58.9 %) and Asian American (60.2% percent) respondents feel the same. When asked if they consider it to be “essential” or “very important” to work to find a cure to a health problem, 57.7 percent of all URM respondents report that they do, compared to 51.3 percent of all respondents. The highest percentage across any racial group to consider this objective to be “essential” or “very important” is the Asian American population (62.3%), although African American respondents (60%) report a high percentage for this objective as well. In addition, Latino (56.5%) and American Indian (51.8%) respondents show a slightly higher percentage who commit to this objective than White respondents (47.1%).

HIGH ACHIEVERS

Next, we disaggregated from our full sample the most promising students for a science research career, as measured by high school grades (A- or better average), SAT scores (> 1158) and years of science (> 2 years) and math courses (> 4 years) taken. We suspect that these high-achieving students are best positioned to succeed in college and become sought-after graduate students. Indeed, they may likely compose the largest proportion of the talent pool for potential research scientists.

Table 6 compares the distribution of high-achieving high school students across institutional type to that of other same race students. By comparison, the high achieving students are much more likely than their peers to be enrolled at a university, particularly at private institutions. Overall, nearly 60 percent of all high achieving students are enrolled at a university, compared to roughly 41 percent for all other students. When high achieving students attend a university, they tend to be evenly distributed between public and private, whereas other students enrolled at a university tend toward the public sector by a two to one margin.

For the most part, the above trends hold for all racial/ethnic groups but are more pronounced for some groups. Over three-quarters of high-achieving Asian American students in the sample attend universities and roughly 65 percent of their same-race counterparts also attend universities. High-achieving African American (63.3%) and Latino students (68%) are more likely than high-achieving White students (54.6%) to report that they attend a university. When those two underrepresented groups of students attend a university, they have a higher likelihood of attending a private as opposed to a public university by a margin of roughly two to one. Additionally, only a little over 11 percent of high-achieving African American students enroll in either a HBCU (9.65%; all private) or HSI (1.54%), compared to about four percent high-achieving Latino students (.09 % in HBCU and 3.1% in HSI).

Table 6: High-achieving high school students by institutional type [5]

High-Achieving students	All	All	HBCU	HSI	4-year colleges		Universities	
	4 yr coll	Univ.			Public	Private	Public	Private
All respondents								
High achieving (N= 10,633)	40.0	60.0	0.3	1.2	6.5	33.5	30.4	29.5
All other (N= 57,435)	58.8	41.2	3.8	3.8	20.9	37.9	27.7	13.5
White students								
High achieving (7,632)	45.4	54.6	0.0	1.1	7.6	37.8	28.5	26.1
All other (N=37,633)	61.3	38.7	0.1	1.9	20.5	40.8	26.5	12.2
Asian/ Asian American students								
High achieving (2,042)	22.1	77.9	0.1	0.9	2.4	19.7	39.5	38.4
All other (N=6,476)	34.5	65.5	0.5	4.2	12.4	22.1	44.8	20.8
URM students								
High achieving (864)	36.1	63.9	3.5	3.0	6.3	29.9	24.9	39.0
All other (N=12,665)	64.5	35.5	16.7	8.9	26.5	38.0	21.7	13.8
African American students								
High achieving (259)	36.7	63.3	9.7	1.5	3.9	32.8	18.9	44.4
All other (N=6,510)	70.8	29.2	30.0	3.4	29.2	41.6	16.9	12.3
Latino								
High achieving (459)	32.0	68.0	0.9	3.1	5.4	26.6	26.4	41.6
All other (N=4,793)	55.2	44.8	1.3	17.5	22.3	32.8	27.3	17.6

[5] High achieving high school students are those who have an SAT/ACT score above 1158, an A- to A+ high school GPA, and taken more than 4 years of mathematics, 2 years of biological science and 2 years of physical science. American Indian students were not included due to small sample sizes.

Table 7 separates the high-achieving students by race and compares their aspirations. What is particularly striking is that over half (52.2%) of the high-achieving students aspire to gain a professional degree (M.D., D.O, D.D.S, or D.V.M.). Of those students, American Indian (48.5%) and White students (49.9%) are the least likely to aspire toward those degrees, whereas African Americans (60.9%) and Asian Americans (59%) are the most likely. A similar aspiration is reflected for students' probable career, where nearly 44 percent of all high-achieving students chose "physician" as their probable career.

Even though the field of choice for high-achieving students tends to be in medicine, they also seem to have research aspirations. Nearly 30 percent of all high-achieving students (29.6%) aspire to obtain either a doctoral degree. Additionally, about 60 percent report that it is either

“essential” or “very important” to find a cure to a health problem and 41.5 percent report the same for the objective of making a theoretical contribution to science. African American students tend to rate these two objectives higher than students in other race groups, whereas White students tend to rate the same objectives lower.

Table 7 Aspirations by race/ethnicity of high-achieving entering freshmen

All high-achieving students	All Resp	All White	Asian As Am	Haw. Pc. Is.	All U.R.M.	All URMs			All Latino		
						African Am.	Am. Indian	All Latino	Mex. Am.	Puerto Rican	Other Latino
Number of Respondents	10,633	7,632	2,042	95	864	259	146	459	165	61	233
Aspire to M.D., D.O., D.D.S., or D.V.M.	52.2	49.9	59.0	53.0	56.6	60.9	48.5	56.7	57.7	50.0	57.6
Aspire to Ph.D. or Ed.D.	29.6	29.9	27.9	37.3	30.3	29.2	33.8	29.8	28.8	39.3	28.1
Objectives considered to be "essential" or "very important"											
Becoming an authority in my field	63.3	62.6	63.5	62.3	68.1	71.0	70.1	65.8	47.7	68.3	70.9
Obtaining recognition from my colleagues for contributions to my special field	55.8	54.7	59.0	59.8	57.8	56.9	60.4	57.6	55.7	70.0	55.9
Making a theoretical contribution to science	41.5	40.4	43.3	45.1	46.4	49.0	46.5	45.0	42.6	41.7	47.6
Working to find a cure to a health problem	60.4	58.0	67.2	71.7	64.0	67.2	64.5	61.8	61.1	51.7	65.1
Student's probable career											
Clinical psychologist	3.1	3.6	1.1	6.5	2.9	2.0	4.3	2.9	1.2	3.4	4.0
Physician	43.8	40.1	55.6	43.5	48.4	56.5	33.3	48.8	52.5	44.8	47.1
Scientific researcher	10.8	11.5	7.9	10.9	11.4	8.9	13.5	12.1	10.5	13.8	12.8

REASONS FOR COLLEGE

URM students’ college choice reflects their high aspirations for professional and graduate schooling. As seen in Table 8, over 80 percent of URM students cite preparing for graduate or professional school as “very important” reason in deciding to go to college. Looking at specific institutional types, URM students’ college choice is influenced by an institution’s reputation for securing graduates’ admission to top graduate/professional schools. In fact, an institution’s academic reputation and ability to promote students to graduate work and future careers are the three factors most commonly considered “very important” in choosing a college among this population.

Table 8: Reasons for college and access to opportunities by institutional type

UNDERREPRESENTED MINORITIES ALL RESPONDENTS (n=13,905)	All				4-year Colleges		Universities		HBCUs		HSIs	
	4yr Coll	Univ	HBCU	HSI	Public	Private	Public	Private	Public	Private	Public	Private
Number of Respondents	8,662	5,243	2,169	2,359	3,461	5,201	3,075	2,168	757	1,412	1,459	900
Have you participated in:												
A summer research program?	12.9	13.8	19.5	7.4	11.8	13.7	12.1	16.3	17.3	20.7	6.8	8.4
A health science research program sponsored by a university?	8.4	9.4	15.0	4.5	7.4	9.1	7.9	11.5	11.0	17.1	3.7	5.7
Reasons noted as "very important" in deciding to go to college												
To prepare myself for graduate or professional school	85.0	87.7	87.4	83.2	82.1	86.9	87.1	88.6	83.2	89.7	80.9	86.9
Reasons noted as "very important" in influencing student's decision to attend this particular college												
This college's graduates gain admission to top graduate/professional schools	45.9	54.7	56.4	38.0	32.6	54.6	47.5	64.7	28.9	70.6	31.7	48.1

A large proportion of URM freshmen attending universities (87.7%) and HBCUs (87.4%) consider preparing for graduate or professional school is a “very important” reason in deciding to go to college. More poignant distinctions are seen when students are asked their reasons for attending this particular college. While a large proportion of URM students at universities (54.7%), especially private universities (64.7%), consider a college’s ability to secure their graduates’ admission to top graduate or professional schools as “very important,” even greater proportions of students attending HBCUs (56.4%), and particularly private HBCUs (70.6%) report this concern. In comparison, only 45.9 percent of students attending 4-year colleges and 38 percent of students at HSIs choose their college because it will place graduates in top graduate schools.

It appears that universities and HBCUs attract students who have had valuable prior experiences in research. For instance, 19.5 percent of URM freshmen attending HBCUs and 13.8 percent of freshmen at universities have participated in a summer research program. Similar trends are seen for URM freshmen who have been involved in a health science research program sponsored by a university while in high school.

CONCLUSION

The findings show that there are indeed a promising pool of first-year underrepresented students who have strong academic interest in the biological and behavioral sciences. Compared to their White and Asian American counterparts, this pool of underrepresented students is more likely to have participated in a summer research program as a high school student and to enter institutions that tend to have NIH sponsored programs especially when they attend a university, which can help to improve their chances of succeeding in a science major. These programs provide students access to resources (including experiences, information, and mentors) and credentials that are of benefit in their pursuit of science. Moreover, the same group of underrepresented students report higher levels than their White and Asian peers on those key aspirations, motivations, college choices, and academic/career interests that would position them well to become future scientists.

URM students seriously consider their long-term educational and career plans even before entering college. This type of planning may be particularly important for students interested in the sciences where the rigor of coursework and availability of research experiences at the undergraduate level are crucial for competitive candidacy to graduate school. However, our findings also show that those underrepresented students who are aspiring to biological and behavioral science majors are already facing some early obstacles. Compared to their White and Asian American peers, their academic backgrounds are not as strong and they rate themselves lower in math ability. Given the importance of performing well in math in order to progress successfully in those majors, either in calculus or statistics courses, poor math preparation and confidence could become a critical impediment. Prior coursework in these areas is very important for success in biomedical and behavioral science majors, as well as opportunities such

as bridge programs to provide supplemental education to ensure the success of more science students in college.

Additionally, the sample of underrepresented students seems to be more concerned about financing their education than their White and Asian American counterparts. This has implications on both where they attend college and how much time and energy they will have to devote to their studies and lab work. Financial concerns will also have implications on graduate school, even for those who are academically successful. Currently slightly over 40 percent of these underrepresented students and over half of the high achieving ones intend to pursue a professional clinical degree, mostly to become physicians. Paradoxically, few are interested in a scientific research career even though most express strong research interests and intention to pursue an advanced degree. Serious financial concerns will fuel the already strong propensity among this pool of underrepresented students to pursue clinically-oriented careers, which can be more lucrative financially and allows them to have an impact in their communities. This will especially be the case if those students do not receive a better understanding of what a research career entails, and how they might finance such an education. Undergraduate research programs can provide important experience in research and information about pursuing a scientific career, directing highly motivated students toward graduate student for research careers.

Still, the talent pool of underrepresented students seems quite promising at this early stage in the higher education pipeline. Over two-thirds of them aspire to obtain a post-graduate degree and more than half are serious about conducting work that would lead to finding a cure to a health problem. Perhaps these promising numbers can be attributed to efforts that focus on expanding the pool of undergraduate students, as well as summer research programs and other initiatives sponsored by NIH, which help to attract more talented underrepresented students into biological and behavioral science majors. It remains to be seen if these optimistic beginnings will

yield an equally impressive number of future research scientists. This project will continue to monitor this 2004 entering cohort of students and also identify how institutions might best intervene during the undergraduate years to improve the chances that these students will enter a career in scientific research.

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APPENDIX A: ALL RESPONDENTS TABLES

						All URMs			All Latinos		
ALL RESPONDENTS	All Resp.	All White	Asian As. Am.	Haw. Pac. Isl.	All URMs	African Am.	Am. Indian	All Latino	Mexican Am.	Puerto Rican	Other Latino
Number of Respondents	70,249	46,629	8,923	792	13,905	6,941	1,539	5,425	2,411	880	2,134
Gender											
Male	32.5	33.2	38.5	33.3	26.3	23.9	28.3	28.7	29.0	27.0	29.1
Female	67.5	66.8	61.5	66.7	73.7	76.1	71.7	71.3	71.0	73.0	70.9
In what year did you graduate from high school?											
2004	95.7	95.9	96.5	96.8	94.4	93.5	93.5	95.7	96.3	95.2	95.2
2003	2.1	2.0	1.7	1.9	2.7	3.2	2.6	2.0	1.8	2.2	2.3
2002	0.9	0.8	0.8	0.1	1.0	1.3	0.4	0.7	0.8	0.5	0.8
2001 or earlier	1.1	1.1	0.8	1.1	1.7	1.8	2.5	1.2	0.8	1.6	1.6
Did not graduate but passed G.E.D. test	0.2	0.2	0.0	0.0	0.3	0.2	0.8	0.2	0.2	0.5	0.1
Never completed high school	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.1
How old will you be on December 31 of this year?											
16 or younger	0.1	0.0	0.2	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.1
17	2.0	1.3	3.6	2.2	3.3	4.3	2.0	2.3	1.9	1.9	3.0
18	67.6	65.2	72.7	79.4	71.6	71.7	65.0	73.3	72.7	77.0	72.4
19	27.3	30.6	20.5	16.4	21.2	19.5	28.3	21.4	22.6	18.2	21.3
20	1.5	1.3	1.9	1.0	1.7	2.1	1.3	1.4	1.5	1.0	1.5
21 to 24	1.2	1.1	1.1	0.8	1.5	1.6	1.8	1.2	1.0	1.0	1.5
25 to 29	0.2	0.2	0.1	0.3	0.3	0.4	0.7	0.2	0.2	0.6	0.1
30 to 39	0.1	0.1	0.0	0.0	0.2	0.2	0.7	0.1	0.1	0.2	0.1
40 to 54	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0
55 or older	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
What was your average grade in high school?											
A or A+	35.3	38.2	38.9	30.7	23.6	19.3	30.3	27.3	27.2	25.9	27.9
A-	26.9	27.5	29.4	26.9	23.2	20.9	23.7	26.0	27.4	22.5	25.9
B+	17.8	16.8	17.2	21.1	21.2	22.5	17.9	20.5	20.5	21.7	20.1
B	13.5	12.5	10.9	14.9	18.3	19.8	16.4	17.0	17.2	17.6	16.6
B-	3.8	3.1	2.3	3.8	7.3	8.8	6.7	5.6	4.9	6.5	5.9
C+	1.7	1.1	0.7	1.8	4.1	5.8	2.6	2.3	1.8	3.8	2.1
C	1.0	0.7	0.5	0.6	2.2	2.8	2.4	1.3	0.8	2.1	1.4
D	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0
How many miles is this college from your permanent home?											
5 or less	4.6	4.0	4.9	5.7	6.7	6.7	5.0	7.1	7.3	7.8	6.6
6 to 10	5.3	4.5	5.9	7.4	7.6	6.8	6.0	9.1	8.1	9.0	10.3
11 to 50	21.8	20.5	26.9	26.6	22.8	20.0	21.8	26.5	27.2	25.4	26.1
51 to 100	16.5	17.7	14.9	14.8	13.8	13.9	16.1	13.1	13.0	14.5	12.6
101 to 500	36.2	40.0	27.1	25.8	29.7	30.5	34.0	27.5	29.5	28.0	25.0
Over 500	15.5	13.3	20.4	19.6	19.4	22.0	17.1	16.8	15.0	15.3	19.4
Is English your native language?											
Yes	89.5	97.6	54.3	83.3	85.3	95.3	98.4	68.9	70.3	82.6	61.5
No	10.5	2.4	45.7	16.7	14.7	4.7	1.6	31.1	29.7	17.4	38.5

ALL RESPONDENTS	All Resp.	All White	Asian As. Am.	Haw. Pac. Isl.	All URM	All URMs			All Latinos		
						African Am.	Am. Indian	All Latino	Mexican Am.	Puerto Rican	Other Latino
Number of Respondents	70,249	46,629	8,923	792	13,905	6,941	1,539	5,425	2,411	880	2,134
What is your best estimate of your parents' total income last year? Consider income from all sources before taxes											
Less than \$10,000	3.3	1.7	5.1	1.9	7.3	9.4	5.1	5.5	4.8	7.4	5.4
\$10,000 to \$14,999	2.8	1.5	4.8	2.5	6.1	6.5	4.4	6.1	5.7	6.9	6.2
\$15,000 to \$19,999	2.5	1.5	3.6	1.4	5.3	5.5	3.5	5.6	5.4	4.3	6.4
\$20,000 to \$24,999	3.7	2.4	5.6	3.8	6.9	7.5	6.3	6.2	6.3	5.4	6.6
\$25,000 to \$29,999	3.5	2.6	4.2	2.5	6.1	6.4	4.6	6.1	6.5	6.0	5.7
\$30,000 to \$39,999	6.6	5.2	7.2	5.8	10.9	11.2	8.4	11.3	12.9	8.1	10.9
\$40,000 to \$49,999	7.9	7.3	8.3	6.4	9.9	9.8	10.6	9.8	10.9	9.4	8.6
\$50,000 to \$59,999	9.1	9.3	8.4	11.1	8.7	8.8	10.5	8.2	9.2	9.3	6.6
\$60,000 to \$74,999	11.8	12.5	10.1	13.6	10.4	9.9	11.8	10.5	10.9	10.1	10.2
\$75,000 to \$99,999	14.8	16.3	12.6	18.1	11.0	10.4	13.0	11.2	11.3	11.6	10.8
\$100,000 to \$149,999	16.8	19.4	14.5	17.2	9.8	8.9	12.0	10.2	9.5	11.4	10.5
\$150,000 to \$199,999	6.7	7.9	5.9	6.3	3.4	3.0	3.9	3.7	3.2	4.3	4.2
\$200,000 to \$249,999	3.5	4.2	3.4	2.9	1.6	1.3	2.6	1.6	1.2	1.4	2.3
\$250,000 or more	6.9	8.3	6.3	6.4	2.7	1.4	3.4	4.0	2.3	4.4	5.6
WHAT IS THE HIGHEST LEVEL OF FORMAL EDUCATION OBTAINED BY YOUR PARENTS?											
Father											
Grammar school or less	2.6	0.9	4.7	2.6	7.3	3.0	2.3	14.0	20.4	6.5	9.6
Some high school	4.2	2.7	5.8	2.8	8.6	7.3	5.7	11.0	11.7	12.2	9.6
High school graduate	18.4	18.4	11.0	13.4	23.6	26.6	24.7	19.6	21.0	22.1	17.0
Postsecondary school other than college	4.0	4.2	2.3	2.3	4.3	4.8	6.1	3.0	3.1	3.4	2.9
Some college	14.2	13.7	10.1	17.5	18.6	19.5	19.9	17.1	16.8	19.9	16.4
College degree	26.0	28.0	25.2	31.6	19.3	20.6	22.3	16.9	14.2	18.0	19.5
Some graduate school	2.4	2.6	2.7	3.6	1.6	1.7	2.1	1.3	0.8	1.8	1.8
Graduate degree	28.1	29.5	38.2	26.1	16.8	16.5	17.0	17.1	12.1	16.1	23.2
Mother											
Grammar school or less	2.4	0.7	5.7	2.3	6.0	2.5	1.4	11.7	18.7	2.4	7.5
Some high school	3.4	1.7	7.0	2.0	6.8	5.4	4.0	9.4	10.3	9.3	8.5
High school graduate	18.0	18.2	15.2	11.0	19.5	18.3	21.3	20.6	22.2	21.7	18.5
Postsecondary school other than college	4.5	4.9	2.6	3.7	4.6	5.2	4.3	3.9	3.4	4.3	4.4
Some college	16.7	16.0	11.8	15.3	22.5	24.2	23.9	19.8	20.0	21.3	18.9
College degree	31.2	33.2	32.0	38.4	23.8	25.9	28.9	19.5	14.5	25.2	22.8
Some graduate school	3.2	3.4	3.3	4.1	2.4	2.9	3.0	1.8	1.5	2.1	2.0
Graduate degree	20.5	21.9	22.4	23.2	14.5	15.6	13.2	13.3	9.5	13.7	17.4
Are your parents											
Both alive and living with each other	72.0	75.3	84.6	76.6	52.9	43.3	56.2	64.2	68.7	50.4	64.9
Both alive, divorced or living apart	24.3	21.6	12.2	19.1	41.3	49.4	38.8	31.7	27.9	43.8	31.1
One or both deceased	3.7	3.1	3.2	4.3	5.8	7.3	5.0	4.0	3.4	5.8	4.0

ALL RESPONDENTS	All Resp.	All White	Asian As. Am.	Haw. Pac. Isl.	All URM	All URMs			All Latinos		
						African Am.	Am. Indian	All Latino	Mexican Am.	Puerto Rican	Other Latino
Number of Respondents	70,249	46,629	8,923	792	13,905	6,941	1,539	5,425	2,411	880	2,134
Student reports spending "most" or "all" of the time during the last year of high school living with his/her: [1]											
Mother	93.4	94.0	93.7	93.2	91.2	90.1	88.6	93.3	93.6	91.2	93.9
Father	78.6	81.7	85.1	82.2	62.8	54.4	65.0	72.1	75.9	60.5	72.4
Stepmother	2.5	2.7	1.6	1.4	2.7	2.7	3.5	2.5	2.6	2.8	2.2
Stepfather	9.9	10.2	3.7	8.1	12.6	13.0	15.2	11.2	10.1	15.4	10.6
Grandparent	6.6	4.0	12.8	14.9	10.1	11.4	7.8	9.2	7.5	11.1	10.2
Legal guardian	8.0	6.6	10.4	10.3	10.9	12.8	10.1	8.7	8.4	9.5	8.6
Other adult(s)	5.1	3.6	8.7	12.3	7.5	7.0	6.2	8.4	9.0	5.5	9.0

[1] This item included for the first time in 2004.

From what kind of secondary school did you graduate?	All	All White	Asian As. Am.	Haw. Pac. Isl.	All URM	African Am.	Am. Indian	All Latino	Mexican Am.	Puerto Rican	Other Latino
Public school (<u>not</u> charter or magnet)	75.9	77.6	75.9	63.4	71.1	71.3	78.3	68.9	75.3	66.0	62.9
Public charter school	1.0	0.7	1.3	1.1	1.7	2.0	1.1	1.5	1.6	1.6	1.3
Public magnet school	3.7	1.9	6.4	4.3	8.1	10.5	4.5	6.0	6.1	5.7	6.1
Private religious/parochial school	12.7	13.2	8.4	21.2	13.3	10.8	10.7	17.2	13.2	20.5	20.5
Private independent college-prep school	6.7	6.7	8.0	10.0	5.7	5.4	5.3	6.3	3.8	6.3	9.2
Your current religious preference											
Baptist	11.3	9.0	4.5	4.8	24.0	40.1	19.6	4.7	4.4	7.3	3.9
Buddhist	1.5	0.4	9.3	1.4	0.3	0.2	1.0	0.2	0.2	0.1	0.3
Church of Christ	3.0	2.6	2.6	1.8	4.5	5.9	4.4	2.9	2.7	3.9	2.7
Eastern Orthodox	0.8	1.0	0.4	0.0	0.4	0.6	0.1	0.2	0.1	0.2	0.2
Episcopalian	1.7	2.1	0.4	0.6	1.3	1.9	1.3	0.6	0.3	1.1	0.8
Hindu	1.8	0.0	13.5	1.8	0.1	0.1	0.3	0.0	0.0	0.0	0.0
Islamic	1.4	0.4	6.7	1.6	0.9	1.6	0.5	0.3	0.3	0.1	0.3
Jewish	3.2	4.5	0.2	0.5	0.7	0.2	0.8	1.4	0.5	0.9	2.6
LDS (Mormon)	0.7	0.8	0.3	1.9	0.4	0.1	0.6	0.6	0.8	0.5	0.5
Lutheran	4.4	6.1	1.0	0.9	1.2	1.0	3.0	1.0	0.8	1.2	1.1
Methodist	5.7	7.0	2.3	1.7	3.7	5.2	5.5	1.2	0.9	1.8	1.4
Presbyterian	3.9	4.3	5.7	1.2	1.4	1.5	2.0	1.0	1.1	1.1	1.0
Quaker	0.2	0.3	0.1	0.1	0.2	0.0	0.5	0.3	0.3	0.2	0.3
Roman Catholic	28.1	30.0	14.9	56.9	28.6	9.9	15.7	56.1	60.5	48.5	54.2
Seventh Day Adventist	0.5	0.1	0.6	2.2	1.3	1.8	0.5	0.9	0.6	0.9	1.2
Unitarian/Universalist	0.4	0.5	0.1	0.3	0.1	0.1	0.3	0.1	0.1	0.1	0.1
United Church of Christ/Congregational	0.9	1.1	0.3	0.3	0.5	0.5	0.9	0.4	0.4	0.6	0.2
Other Christian	10.9	10.3	7.9	10.0	14.7	16.3	18.5	11.5	10.9	14.9	10.9
Other Religion	2.5	2.0	3.4	1.4	3.8	4.1	6.7	2.5	2.5	2.8	2.3
None	17.2	17.3	25.6	10.6	11.9	8.9	18.0	14.1	12.6	13.8	15.8

ALL RESPONDENTS	All Resp.	All White	Asian As. Am.	Haw. Pac. Isl.	All URM	All URMs			All Latinos		
						African Am.	Am. Indian	All Latino	Mexican Am.	Puerto Rican	Other Latino
Number of Respondents	70,249	46,629	8,923	792	13,905	6,941	1,539	5,425	2,411	880	2,134
Student reports spending "most" or "all" of the time during the last year of high school living with his/her: [1]											
Mother	93.4	94.0	93.7	93.2	91.2	90.1	88.6	93.3	93.6	91.2	93.9
Father	78.6	81.7	85.1	82.2	62.8	54.4	65.0	72.1	75.9	60.5	72.4
Stepmother	2.5	2.7	1.6	1.4	2.7	2.7	3.5	2.5	2.6	2.8	2.2
Stepfather	9.9	10.2	3.7	8.1	12.6	13.0	15.2	11.2	10.1	15.4	10.6
Grandparent	6.6	4.0	12.8	14.9	10.1	11.4	7.8	9.2	7.5	11.1	10.2
Legal guardian	8.0	6.6	10.4	10.3	10.9	12.8	10.1	8.7	8.4	9.5	8.6
Other adult(s)	5.1	3.6	8.7	12.3	7.5	7.0	6.2	8.4	9.0	5.5	9.0

[1] This item included for the first time in 2004.

From what kind of secondary school did you graduate?											
Public school (<u>not</u> charter or magnet)	75.9	77.6	75.9	63.4	71.1	71.3	78.3	68.9	75.3	66.0	62.9
Public charter school	1.0	0.7	1.3	1.1	1.7	2.0	1.1	1.5	1.6	1.6	1.3
Public magnet school	3.7	1.9	6.4	4.3	8.1	10.5	4.5	6.0	6.1	5.7	6.1
Private religious/parochial school	12.7	13.2	8.4	21.2	13.3	10.8	10.7	17.2	13.2	20.5	20.5
Private independent college-prep school	6.7	6.7	8.0	10.0	5.7	5.4	5.3	6.3	3.8	6.3	9.2
Your current religious preference											
Baptist	11.3	9.0	4.5	4.8	24.0	40.1	19.6	4.7	4.4	7.3	3.9
Buddhist	1.5	0.4	9.3	1.4	0.3	0.2	1.0	0.2	0.2	0.1	0.3
Church of Christ	3.0	2.6	2.6	1.8	4.5	5.9	4.4	2.9	2.7	3.9	2.7
Eastern Orthodox	0.8	1.0	0.4	0.0	0.4	0.6	0.1	0.2	0.1	0.2	0.2
Episcopalian	1.7	2.1	0.4	0.6	1.3	1.9	1.3	0.6	0.3	1.1	0.8
Hindu	1.8	0.0	13.5	1.8	0.1	0.1	0.3	0.0	0.0	0.0	0.0
Islamic	1.4	0.4	6.7	1.6	0.9	1.6	0.5	0.3	0.3	0.1	0.3
Jewish	3.2	4.5	0.2	0.5	0.7	0.2	0.8	1.4	0.5	0.9	2.6
LDS (Mormon)	0.7	0.8	0.3	1.9	0.4	0.1	0.6	0.6	0.8	0.5	0.5
Lutheran	4.4	6.1	1.0	0.9	1.2	1.0	3.0	1.0	0.8	1.2	1.1
Methodist	5.7	7.0	2.3	1.7	3.7	5.2	5.5	1.2	0.9	1.8	1.4
Presbyterian	3.9	4.3	5.7	1.2	1.4	1.5	2.0	1.0	1.1	1.1	1.0
Quaker	0.2	0.3	0.1	0.1	0.2	0.0	0.5	0.3	0.3	0.2	0.3
Roman Catholic	28.1	30.0	14.9	56.9	28.6	9.9	15.7	56.1	60.5	48.5	54.2
Seventh Day Adventist	0.5	0.1	0.6	2.2	1.3	1.8	0.5	0.9	0.6	0.9	1.2
Unitarian/Universalist	0.4	0.5	0.1	0.3	0.1	0.1	0.3	0.1	0.1	0.1	0.1
United Church of Christ/Congregational	0.9	1.1	0.3	0.3	0.5	0.5	0.9	0.4	0.4	0.6	0.2
Other Christian	10.9	10.3	7.9	10.0	14.7	16.3	18.5	11.5	10.9	14.9	10.9
Other Religion	2.5	2.0	3.4	1.4	3.8	4.1	6.7	2.5	2.5	2.8	2.3
None	17.2	17.3	25.6	10.6	11.9	8.9	18.0	14.1	12.6	13.8	15.8

ALL RESPONDENTS	All Resp.				All URM	All URMs			All Latinos		
		All White	Asian As. Am.	Haw. Pac. Isl.		African Am.	Am. Indian	All Latino	Mexican Am.	Puerto Rican	Other Latino
Number of Respondents	70,249	46,629	8,923	792	13,905	6,941	1,539	5,425	2,411	880	2,134
Do you consider yourself a Born-Again Christian?											
No	76.3	78.4	85.2	85.5	62.8	48.1	63.7	81.4	82.0	76.1	82.9
Yes	23.7	21.6	14.8	14.5	37.2	51.9	36.3	18.6	18.0	23.9	17.1
Student rated self "above average" or "highest 10%" as compared with the average person of his/her age in: [2]											
Academic ability	79.8	81.9	81.6	77.7	71.8	70.7	78.0	71.5	70.3	71.1	72.9
Artistic ability	27.6	26.1	34.6	35.4	27.7	26.1	33.9	27.9	26.6	27.5	29.5
Computer skills	32.1	30.9	36.9	35.5	32.7	35.9	31.4	28.9	28.0	30.1	29.4
Cooperativeness	70.9	70.3	72.1	75.4	72.0	74.5	65.5	70.5	69.7	74.4	69.9
Creativity	52.2	51.8	51.5	58.1	53.9	55.5	58.6	50.5	48.3	54.1	51.6
Drive to achieve	79.0	78.4	77.3	79.6	81.8	83.5	80.0	80.3	80.1	80.4	80.4
Emotional health	51.3	51.0	52.1	47.6	52.2	54.7	47.0	50.4	50.5	50.4	50.2
Generosity [1]	69.0	67.7	69.4	73.6	72.8	74.7	68.5	71.6	71.0	73.3	71.5
Leadership ability	59.0	60.1	48.9	56.3	62.1	64.6	61.3	59.2	58.5	63.5	58.3
Mathematical ability	51.9	53.0	62.9	50.7	41.0	39.3	44.6	42.1	41.1	40.0	44.1
Physical health	51.3	54.2	47.1	44.4	44.8	45.9	43.6	43.7	43.3	41.3	45.2
Public speaking ability	34.1	34.5	28.7	31.7	36.0	37.9	38.9	32.8	32.3	34.8	32.6
Self-confidence (intellectual)	60.4	60.1	57.1	53.7	64.1	68.6	62.7	58.8	57.0	61.3	59.7
Self-confidence (social)	47.5	46.0	44.4	49.2	54.4	59.6	47.9	49.7	46.8	57.0	49.8
Self-understanding	52.9	51.0	53.2	53.6	58.8	63.6	54.0	54.1	51.0	59.1	55.4
Spirituality	38.6	36.6	36.5	45.3	46.5	51.3	46.0	40.4	40.2	41.4	40.2
Time management [1]	39.6	41.5	39.5	37.7	33.8	33.2	32.3	34.9	35.5	34.3	34.5
Understanding of others	67.5	67.1	67.6	70.2	68.8	67.0	68.2	71.2	69.7	73.0	72.1
Writing ability	49.6	51.5	41.7	49.2	48.4	49.8	55.9	44.4	41.6	50.3	45.1

[1] This item asked for the first time in 2004.

[2] Comparisons of these results with those from earlier years should be made with caution due to changes in wording or presentation order of the items.

ALL RESPONDENTS					All URM ^s			All Latinos			
	All Resp.	All White	Asian As. Am.	Haw. Pac. Isl.	All URM ^s	African Am.	Am. Indian	All Latino	Mexican Am.	Puerto Rican	Other Latino
Number of Respondents	70,249	46,629	8,923	792	13,905	6,941	1,539	5,425	2,411	880	2,134
Indicate which activities you did during the <u>past year</u>											
Attended a religious service	81.6	81.9	72.0	87.9	86.5	90.5	81.5	82.7	84.9	80.9	81.0
Was bored in class [3]	38.7	41.2	35.4	38.9	32.0	31.3	40.9	30.5	29.7	33.3	30.2
Participated in organized demonstrations	45.8	44.0	41.8	52.9	54.2	55.1	51.3	53.8	54.9	54.2	52.3
Tutored another student	65.2	62.5	75.8	73.4	66.9	65.9	67.9	68.0	69.8	63.4	67.8
Studied with other students	89.6	89.5	92.1	94.3	88.1	88.4	85.8	88.3	89.5	86.1	87.9
Was a guest in a teacher's home	23.9	25.6	19.3	22.7	21.2	20.5	25.4	21.0	21.8	19.3	20.8
Smoked cigarettes [3]	5.2	6.3	2.5	3.2	3.2	1.8	6.8	4.0	3.5	5.9	3.8
Drank beer	41.2	48.8	26.2	33.8	25.7	14.7	36.1	36.8	34.3	37.3	39.5
Drank wine or liquor	49.9	55.7	33.4	46.0	41.5	35.3	49.1	47.2	42.0	53.8	50.3
Felt overwhelmed by all I had to do [3]	30.6	31.3	27.6	33.1	30.1	29.7	31.6	30.2	30.1	31.7	29.6
Felt depressed [3]	8.3	8.1	7.5	10.4	9.4	9.9	11.2	8.2	8.2	9.4	7.8
Performed volunteer work	87.4	86.8	91.2	91.7	86.7	85.9	87.1	87.5	88.0	86.4	87.3
Played a musical instrument	45.2	44.8	56.2	56.6	38.8	37.5	47.6	37.9	37.9	36.9	38.4
Asked teacher for advice after class [3]	28.4	27.3	28.9	31.7	31.3	33.3	28.2	29.7	29.7	29.0	30.1
Discussed politics [3]	24.8	26.5	19.3	18.6	22.9	20.8	33.3	22.5	22.5	20.1	23.4
Voted in a student election [3]	23.0	21.6	22.7	28.2	27.6	29.8	27.2	24.8	26.1	21.1	24.9
Socialized with someone of another racial/ethnic group [3]	71.5	65.2	82.9	89.7	84.2	84.5	79.7	85.0	83.3	89.0	85.4
Came late to class	60.3	57.9	62.7	68.4	66.2	70.7	63.2	61.3	61.2	58.6	62.6
Used the Internet for research or homework [2,3]	81.2	81.1	84.0	87.8	79.5	78.8	79.1	80.4	81.0	80.0	79.9
Performed community service as part of a class	55.4	54.4	57.5	67.4	57.0	56.2	53.3	59.0	59.7	58.8	58.3
Used a personal computer [3]	88.1	88.9	91.7	91.3	82.7	80.7	85.1	84.6	84.4	84.1	85.2
Worked on a local, state, or national political campaign	8.5	8.2	8.7	9.8	9.2	9.1	10.5	9.0	10.0	8.7	7.9
Maintained a healthy diet [1,3]	38.5	43.1	33.8	32.5	26.3	21.8	34.4	29.6	28.8	26.5	31.7
Stayed up all night	76.3	74.1	75.9	87.5	83.3	86.5	82.4	79.5	79.2	82.9	78.5
Missed school because of illness [3]	5.2	5.2	3.9	7.0	6.0	6.1	8.3	5.3	4.4	7.2	5.5

[1] This item asked for the first time in 2004.

[2] Comparisons of these results with those from earlier years should be made with caution due to changes in wording or presentation order of the items.

[3] Percentage responding "frequently" only. Results for other items in this group represent the percentage responding "frequently" or "occasionally".

ALL RESPONDENTS					All URM's				All Latinos		
	All Resp.	All White	Asian As. Am.	Haw. Pac. Isl.	All URM's	African Am.	Am. Indian	All Latino	Mexican Am.	Puerto Rican	Other Latino
Number of Respondents	70,249	46,629	8,923	792	13,905	6,941	1,539	5,425	2,411	880	2,134
Which of these community service/volunteer activities did you participate in during high school? [1]											
None	5.4	5.6	3.4	3.7	6.0	6.4	6.0	5.5	5.5	6.5	5.1
Tutoring/teaching	54.8	52.8	64.5	59.7	55.0	53.3	55.2	57.0	57.3	51.7	58.9
Counseling/mentoring	22.2	21.5	19.3	25.3	26.5	28.6	27.2	23.4	22.7	25.7	23.3
Environmental activities	30.0	30.6	31.0	34.3	27.2	26.0	31.8	27.5	29.8	21.6	27.5
Child care	36.9	37.8	28.8	35.2	39.1	39.5	40.2	38.2	37.3	40.8	38.1
Elder care	21.7	21.4	24.4	26.1	20.8	20.5	23.5	20.4	20.0	21.4	20.5
Hospital work	20.6	17.0	37.7	28.3	21.3	22.0	16.0	21.9	20.8	20.0	23.9
Substance abuse education	5.4	5.7	3.8	4.4	5.3	5.1	6.2	5.3	5.1	5.6	5.3
Other health education	5.7	5.2	6.3	5.9	7.0	7.1	7.4	6.7	6.5	6.4	7.2
Services to the homeless	25.1	25.3	25.5	28.4	23.9	23.7	23.2	24.4	26.1	19.4	24.6
Community improvement/construction	27.8	29.7	25.1	25.6	23.0	20.2	30.5	24.6	26.8	19.7	24.0
Conflict mediation	5.6	5.1	4.0	5.4	8.1	9.8	8.6	5.8	5.4	7.0	5.8
Service to my religious community	36.4	37.6	32.6	43.2	34.3	33.6	38.1	34.1	37.7	29.9	31.9
Other community service	47.2	48.5	46.3	46.6	43.6	40.5	50.5	45.6	46.5	44.8	44.8

[1] This item asked for the first time in 2004.

DURING YOUR LAST YEAR IN HIGH SCHOOL, HOW MUCH TIME DID YOU SPEND DURING A TYPICAL WEEK DOING THE FOLLOWING?											
Studying/homework											
None	1.3	1.4	0.7	0.4	1.4	1.5	1.3	1.3	1.3	1.4	1.4
Less than one hour	7.4	8.1	4.0	5.5	7.4	7.9	9.3	6.2	5.6	8.5	6.1
1 to 2 hours	16.8	17.0	11.2	15.1	19.9	22.0	20.5	17.1	16.7	19.9	16.5
3 to 5 hours	27.4	27.9	23.2	26.2	28.8	28.9	27.8	28.9	29.4	29.5	28.1
6 to 10 hours	22.7	23.1	22.8	22.8	21.3	20.0	22.0	22.9	23.2	22.9	22.4
11 to 15 hours	12.2	12.0	15.5	12.9	10.6	9.8	9.9	11.7	12.2	7.8	12.8
16 to 20 hours	7.0	6.5	10.8	10.5	6.2	5.9	5.4	6.9	6.7	6.3	7.3
Over 20 hours	5.1	4.0	11.8	6.5	4.4	4.1	3.8	4.9	4.8	3.7	5.4
Socializing with friends											
None	0.2	0.2	0.4	0.3	0.4	0.4	0.5	0.3	0.3	0.6	0.1
Less than one hour	1.3	0.9	2.1	2.1	2.3	2.8	1.9	1.8	1.8	1.0	2.1
1 to 2 hours	5.8	4.6	9.1	6.0	8.0	8.7	7.1	7.4	7.3	5.9	8.1
3 to 5 hours	18.9	17.1	23.9	17.8	21.8	22.0	19.8	22.1	23.3	21.4	21.0
6 to 10 hours	27.1	27.6	27.3	26.3	25.1	23.6	25.2	27.1	26.9	26.8	27.5
11 to 15 hours	19.4	21.1	16.3	19.4	15.6	14.6	17.7	16.3	16.1	16.7	16.4
16 to 20 hours	11.9	13.0	9.5	10.4	9.9	9.4	10.1	10.5	10.1	10.9	10.7
Over 20 hours	15.4	15.7	11.4	17.7	16.9	18.5	17.9	14.6	14.1	16.6	14.2

ALL RESPONDENTS					All URM	All URMs			All Latinos		
	All Resp.	All White	Asian As. Am.	Haw. Pac. Isl.		African Am.	Am. Indian	All Latino	Mexican Am.	Puerto Rican	Other Latino
Number of Respondents	70,249	46,629	8,923	792	13,905	6,941	1,539	5,425	2,411	880	2,134
Talking with teachers outside of class											
None	7.6	7.4	8.7	6.5	7.5	7.9	7.2	6.9	6.8	8.5	6.4
Less than one hour	41.6	42.9	42.9	40.0	36.5	35.9	39.3	36.5	36.0	36.3	37.1
1 to 2 hours	33.5	34.3	30.7	31.0	32.8	31.7	33.8	34.1	35.7	32.0	33.1
3 to 5 hours	12.7	11.8	12.8	16.2	15.8	16.2	14.3	15.8	15.1	16.4	16.3
6 to 10 hours	3.1	2.6	3.4	4.0	4.6	5.3	3.2	4.3	4.0	4.6	4.4
11 to 15 hours	0.9	0.6	0.9	1.5	1.7	1.9	1.3	1.6	1.4	1.3	1.9
16 to 20 hours	0.3	0.2	0.4	0.5	0.6	0.7	0.3	0.6	0.7	0.5	0.5
Over 20 hours	0.2	0.2	0.2	0.3	0.4	0.5	0.7	0.3	0.3	0.5	0.2
Exercise or sports											
None	4.6	3.2	5.6	4.1	8.8	10.9	6.2	6.7	6.7	7.0	6.7
Less than one hour	9.7	7.9	13.2	12.4	13.2	14.8	10.0	12.2	12.1	12.9	12.2
1 to 2 hours	15.7	14.0	21.0	19.5	18.0	17.7	17.8	18.4	18.0	17.4	19.1
3 to 5 hours	19.9	19.5	22.9	20.0	19.1	17.5	19.7	20.9	20.3	21.9	21.2
6 to 10 hours	18.8	19.9	17.5	17.9	16.0	14.9	17.8	17.1	16.9	17.7	17.0
11 to 15 hours	14.4	16.2	9.9	12.2	11.2	10.4	12.5	11.9	12.6	10.9	11.4
16 to 20 hours	7.9	9.2	4.5	5.9	5.9	5.6	7.1	5.8	6.0	4.8	6.1
Over 20 hours	8.9	10.0	5.3	8.1	7.8	8.3	8.9	6.9	7.4	7.3	6.3
Partying											
None	26.4	25.4	31.9	23.3	26.5	27.0	32.4	24.2	26.6	23.0	22.0
Less than one hour	17.0	16.4	20.7	15.5	16.8	17.1	17.8	16.0	16.5	15.0	16.0
1 to 2 hours	19.0	18.3	20.9	20.9	19.7	19.5	17.4	20.6	20.3	20.1	21.1
3 to 5 hours	19.2	19.4	15.9	21.8	20.4	20.9	16.4	21.0	18.8	22.0	23.0
6 to 10 hours	10.6	11.7	6.6	10.5	9.6	9.0	9.3	10.4	10.5	10.6	10.1
11 to 15 hours	4.2	4.8	2.1	4.5	3.7	3.3	3.7	4.2	3.8	5.2	4.1
16 to 20 hours	1.9	2.2	1.0	1.0	1.6	1.4	1.4	1.9	1.9	2.0	1.9
Over 20 hours	1.7	1.7	1.0	2.4	1.8	1.8	1.7	1.8	1.6	2.2	1.8
Working (for pay)											
None	35.5	30.3	54.0	48.5	40.3	40.3	32.8	42.6	45.7	35.6	42.0
Less than one hour	2.7	2.9	2.9	1.7	2.1	1.7	3.6	2.0	2.1	2.0	2.0
1 to 2 hours	4.0	4.3	4.3	4.2	2.8	2.4	3.9	3.0	3.1	3.0	2.9
3 to 5 hours	7.3	7.7	7.3	6.3	6.4	5.8	6.6	7.0	6.2	6.4	8.0
6 to 10 hours	11.7	12.7	10.1	9.3	9.7	9.3	10.3	10.0	9.0	10.3	11.0
11 to 15 hours	12.2	13.8	7.9	9.2	9.5	9.1	11.9	9.4	9.4	9.9	9.3
16 to 20 hours	13.0	14.3	7.1	11.1	12.8	13.0	12.9	12.6	12.6	14.9	11.5
Over 20 hours	13.5	14.0	6.4	9.6	16.4	18.4	18.0	13.4	11.9	17.9	13.2

ALL RESPONDENTS					All URM's			All Latinos			
	All Resp.	All White	Asian As. Am.	Haw. Pac. Isl.	All URM's	African Am.	Am. Indian	All Latino	Mexican Am.	Puerto Rican	Other Latino
Number of Respondents	70,249	46,629	8,923	792	13,905	6,941	1,539	5,425	2,411	880	2,134
Volunteer work											
None	20.3	20.7	17.3	15.9	20.9	22.2	20.9	19.4	17.1	23.7	20.2
Less than one hour	21.6	24.3	15.3	15.9	16.9	15.4	22.9	17.1	18.9	16.6	15.3
1 to 2 hours	28.0	28.5	27.7	29.3	26.3	26.0	24.8	27.0	28.5	24.9	26.0
3 to 5 hours	18.4	16.5	25.1	22.9	20.2	19.5	19.4	21.3	20.5	20.7	22.4
6 to 10 hours	6.8	6.0	8.6	9.1	8.4	8.6	6.6	8.8	8.7	8.1	9.1
11 to 15 hours	2.3	1.9	2.9	2.7	3.1	3.5	2.1	2.9	2.8	2.9	3.0
16 to 20 hours	1.0	0.8	1.2	1.9	1.4	1.5	1.3	1.4	1.3	1.3	1.5
Over 20 hours	1.6	1.2	1.9	2.2	2.7	3.3	2.0	2.2	2.2	1.9	2.3
Student clubs/groups											
None	21.2	22.6	15.3	17.2	20.5	19.8	22.0	21.0	20.6	21.5	21.2
Less than one hour	14.5	15.5	13.6	11.4	12.2	10.7	14.1	13.4	14.1	14.3	12.3
1 to 2 hours	28.5	28.8	29.2	28.6	27.0	26.7	26.4	27.4	27.6	28.0	27.1
3 to 5 hours	20.9	19.6	24.7	22.2	22.8	23.5	21.6	22.2	21.4	21.2	23.6
6 to 10 hours	8.6	8.1	9.6	10.1	9.7	10.6	8.9	8.7	8.6	9.7	8.4
11 to 15 hours	3.2	2.9	4.1	4.5	3.7	4.0	3.3	3.4	3.7	3.0	3.2
16 to 20 hours	1.5	1.3	1.6	2.5	2.0	2.2	1.3	1.8	2.0	1.1	2.0
Over 20 hours	1.6	1.3	2.0	3.6	2.2	2.4	2.4	2.0	2.1	1.3	2.2
Watching TV											
None	5.6	6.0	6.1	5.0	4.1	2.9	5.9	5.2	5.6	3.6	5.4
Less than one hour	15.1	16.0	14.1	12.7	13.0	10.9	14.5	15.2	15.8	15.4	14.4
1 to 2 hours	24.6	25.7	23.2	25.4	21.8	19.0	21.9	25.2	26.3	22.7	25.0
3 to 5 hours	28.2	28.4	28.2	24.9	27.6	27.0	27.9	28.3	27.1	31.4	28.2
6 to 10 hours	15.4	15.0	16.2	17.7	16.3	17.1	17.2	15.0	15.2	14.5	15.0
11 to 15 hours	5.7	5.1	6.3	6.3	7.5	9.4	5.6	5.7	5.2	6.5	6.0
16 to 20 hours	2.4	1.9	2.8	3.1	3.6	4.9	2.3	2.3	2.1	2.2	2.6
Over 20 hours	2.9	1.9	3.0	5.0	6.1	8.8	4.6	3.1	2.8	3.6	3.3
Household/childcare duties											
None	17.5	17.8	18.9	13.7	15.7	14.9	16.3	16.5	15.3	15.9	18.2
Less than one hour	20.3	21.7	21.1	18.7	15.4	15.1	16.8	15.4	14.8	16.7	15.6
1 to 2 hours	31.7	33.0	30.0	27.8	28.7	26.9	29.8	30.6	32.4	29.9	28.8
3 to 5 hours	19.6	19.0	19.0	21.4	21.8	22.1	21.2	21.6	21.3	21.6	22.0
6 to 10 hours	6.5	5.5	6.7	9.2	9.5	10.0	9.3	9.0	9.7	7.2	8.9
11 to 15 hours	2.2	1.8	2.0	4.5	3.7	4.2	2.8	3.3	3.4	3.4	3.0
16 to 20 hours	0.9	0.6	0.7	1.3	1.7	2.0	1.3	1.4	1.3	1.7	1.4
Over 20 hours	1.4	0.8	1.6	3.3	3.5	4.8	2.6	2.2	1.9	3.6	2.0
Reading for pleasure											
None	19.6	20.4	17.5	19.5	18.1	18.0	17.8	18.3	18.7	16.8	18.5
Less than one hour	26.3	26.5	27.4	26.5	24.6	23.7	24.0	25.9	25.9	25.7	26.1
1 to 2 hours	26.8	26.4	28.2	27.8	27.2	26.8	23.6	28.7	30.1	28.2	27.3
3 to 5 hours	16.6	16.6	16.5	14.6	16.9	16.4	19.0	16.8	15.9	17.0	17.8
6 to 10 hours	6.5	6.4	6.4	6.8	7.2	7.8	8.8	6.1	5.6	7.3	6.1
11 to 15 hours	2.4	2.3	2.2	2.3	2.8	3.2	3.3	2.1	2.2	2.1	2.0
16 to 20 hours	0.9	0.8	0.8	1.5	1.4	1.6	1.7	0.9	0.7	0.9	1.1
Over 20 hours	1.0	0.7	1.0	0.9	1.8	2.4	1.9	1.1	0.8	2.0	1.2

	All Resp.				All URM	All URMs			All Latinos		
		All White	Asian As. Am.	Haw. Pac. Isl.		African Am.	Am. Indian	All Latino	Mexican Am.	Puerto Rican	Other Latino
ALL RESPONDENTS											
Number of Respondents	70,249	46,629	8,923	792	13,905	6,941	1,539	5,425	2,411	880	2,134
Playing video/computer games											
None	46.1	46.8	40.6	40.0	47.5	46.3	43.5	50.3	51.7	45.8	50.6
Less than one hour	21.7	22.2	20.1	22.3	21.0	21.0	22.6	20.5	20.8	21.1	19.8
1 to 2 hours	14.5	14.2	16.1	15.9	14.3	14.8	15.5	13.2	13.1	14.0	13.0
3 to 5 hours	9.4	9.1	11.4	11.5	9.0	9.3	8.3	8.7	7.5	10.6	9.2
6 to 10 hours	4.5	4.3	6.2	5.2	4.2	4.2	5.4	3.9	3.5	4.1	4.2
11 to 15 hours	1.9	1.7	2.4	1.9	1.9	2.3	2.2	1.4	1.4	2.0	1.1
16 to 20 hours	0.8	0.7	1.3	0.8	0.8	0.8	0.7	0.8	1.0	0.3	0.9
Over 20 hours	1.2	0.9	1.8	2.4	1.3	1.3	1.8	1.2	1.0	2.1	1.2
Did your high school require community service for graduation?											
No	66.8	68.3	65.8	56.7	62.8	62.7	70.5	60.6	65.5	57.4	56.5
Yes	33.2	31.7	34.2	43.3	37.2	37.3	29.5	39.4	34.5	42.6	43.5
Have you participated in:											
A summer research program?	9.0	6.9	13.8	10.2	13.3	16.1	9.2	10.8	9.4	11.4	12.0
A health science research program sponsored by a university?	5.2	3.7	7.3	6.4	8.8	11.0	5.0	7.1	6.5	6.7	7.9
Do you have a disability?											
Hearing	0.6	0.6	0.5	1.0	0.6	0.5	1.3	0.6	0.6	0.8	0.6
Speech	0.2	0.2	0.2	0.5	0.3	0.2	1.0	0.2	0.2	0.2	0.1
Orthopedic	0.6	0.6	0.3	0.5	0.5	0.4	0.8	0.5	0.4	0.9	0.4
Learning disability	2.0	2.4	0.5	2.0	1.4	1.0	3.1	1.4	1.1	1.5	1.6
Health-related	1.2	1.2	0.6	1.9	1.6	1.7	2.7	1.1	1.0	2.6	0.7
Partially sighted or blind	1.3	1.0	2.1	2.3	1.5	1.6	2.0	1.3	1.3	1.4	1.3
Other	1.1	1.2	0.6	1.0	1.2	0.9	3.1	1.0	0.8	1.4	1.1
Citizenship status											
U.S. citizen	95.2	98.6	80.3	93.0	93.6	93.9	99.6	91.4	94.1	99.9	84.9
Permanent resident (green card)	3.1	0.9	12.5	6.0	4.4	3.9	0.3	6.1	4.6	0.1	10.4
Neither	1.7	0.6	7.2	1.0	2.1	2.2	0.1	2.4	1.3	0.0	4.7
Student met or exceeded recommended years of high school study in: [4]											
English (4 years)	97.8	98.1	97.2	99.0	96.9	96.5	96.9	97.5	97.6	97.0	97.6
Mathematics (4 years)	85.8	86.0	90.9	88.2	81.7	82.7	78.6	81.4	79.4	78.9	84.6
Foreign Language (2 years)	95.0	95.3	95.4	96.7	93.4	92.8	90.8	94.9	95.3	93.8	95.0
Physical Science (2 years)	61.6	63.6	66.2	59.9	52.2	47.9	54.4	57.1	56.8	55.8	58.0
Biological Science (2 years)	59.6	60.5	65.6	59.9	52.9	50.4	57.8	54.6	54.3	48.4	57.5
History/Am. Govt. (1 year)	98.7	99.0	98.5	99.4	97.8	97.1	98.7	98.5	98.5	99.0	98.3
Computer Science (1/2 year)	58.9	59.7	51.7	55.9	61.3	61.4	62.4	60.8	63.4	58.3	59.0
Arts and/or Music (1 year)	81.5	81.4	82.2	88.6	81.2	77.8	85.4	84.3	86.2	80.0	83.9

[4] Based on curriculum recommendations of the National Committee on Excellence in Education, except for years of Mathematics, which was increased to 4 years for this study.

ALL RESPONDENTS					All URMs				All Latinos		
	All Resp.	All White	Asian As. Am.	Haw. Pac. Isl.	All URMs	African Am.	Am. Indian	All Latino	Mexican Am.	Puerto Rican	Other Latino
Number of Respondents	70,249	46,629	8,923	792	13,905	6,941	1,539	5,425	2,411	880	2,134
WHAT IS THE HIGHEST ACADEMIC DEGREE THAT YOU INTEND TO OBTAIN:											
At any college											
None	0.5	0.4	0.8	0.6	0.8	1.1	0.3	0.5	0.5	0.8	0.4
Vocational certificate	0.1	0.1	0.1	0.0	0.1	0.2	0.1	0.1	0.1	0.3	0.1
Associate (A.A. or equivalent)	0.2	0.2	0.1	0.4	0.2	0.2	0.1	0.2	0.2	0.3	0.1
Bachelor's degree (B.A., B.S., etc.)	6.1	6.9	3.4	5.3	4.9	4.7	5.7	4.9	5.8	5.6	3.7
Master's degree (M.A., M.S., etc.)	18.6	20.4	13.9	15.0	15.8	14.0	17.2	17.7	17.6	19.9	17.0
Ph.D. or Ed.D.	32.6	31.5	31.4	35.3	36.8	38.3	33.8	35.8	36.3	37.6	34.6
M.D., D.O., D.D.S., or D.V.M.	38.3	36.9	46.8	39.5	37.7	37.7	38.9	37.4	35.9	33.0	40.8
J.D. (Law)	1.5	1.5	1.0	1.4	1.6	1.5	1.5	1.7	1.8	1.3	1.7
B.D. or M.Div. (Divinity)	0.2	0.2	0.2	0.1	0.4	0.5	0.4	0.3	0.4	0.1	0.2
Other	2.0	2.0	2.3	2.4	1.7	1.8	1.9	1.4	1.5	1.2	1.4
At this college											
None	1.2	1.1	1.4	1.1	1.3	1.5	2.1	0.8	1.0	0.9	0.4
Vocational certificate	0.1	0.1	0.2	0.0	0.1	0.1	0.0	0.1	0.2	0.0	0.1
Associate (A.A. or equivalent)	1.2	1.2	0.8	2.1	1.6	1.4	1.5	1.9	1.9	1.8	1.8
Bachelor's degree (B.A., B.S., etc.)	69.6	71.3	66.5	68.3	65.9	65.1	68.2	66.2	67.9	60.6	66.4
Master's degree (M.A., M.S., etc.)	13.0	13.2	10.6	13.1	14.3	13.4	13.6	15.4	14.8	19.3	14.6
Ph.D. or Ed.D.	6.7	5.9	8.4	7.7	8.0	9.1	6.1	7.4	7.5	7.3	7.3
M.D., D.O., D.D.S., or D.V.M.	6.1	5.2	9.7	5.4	6.8	7.0	6.5	6.7	5.4	8.0	7.7
J.D. (Law)	0.2	0.2	0.1	0.4	0.3	0.3	0.4	0.3	0.1	0.5	0.4
B.D. or M.Div. (Divinity)	0.1	0.1	0.1	0.5	0.2	0.3	0.2	0.1	0.1	0.0	0.1
Other	1.6	1.5	2.2	1.4	1.5	1.9	1.3	1.2	1.1	1.6	1.2
Reasons noted as "very important" in deciding to go to college											
My parents wanted me to go	40.7	37.6	48.6	49.2	45.8	47.6	39.5	45.2	46.0	42.6	45.5
I could not find a job	5.3	4.3	8.0	6.4	7.0	8.0	6.4	6.0	5.6	5.8	6.6
Wanted to get away from home	19.2	18.5	15.2	22.4	23.9	29.0	23.2	17.6	17.4	21.4	16.2
To be able to get a better job	71.2	71.7	66.9	70.2	72.2	73.9	73.7	69.7	72.2	69.9	66.6
To gain a general education and appreciation of ideas	68.8	67.9	69.4	69.4	71.7	71.8	66.4	73.0	71.8	69.3	76.0
There was nothing better to do	3.4	2.7	5.6	4.8	4.2	5.4	3.0	3.0	2.9	3.5	3.0
To make me a more cultured person	46.2	43.6	49.4	50.0	52.7	53.2	48.8	53.2	50.2	49.9	57.9
To be able to make more money	67.7	66.4	65.4	70.8	73.6	78.1	69.6	69.0	68.3	71.5	68.8
To learn more about things that interest me	81.1	81.3	77.3	80.2	83.0	81.7	83.8	84.4	83.8	82.0	85.9
To prepare myself for graduate or professional school	80.9	78.3	85.9	86.7	86.0	87.1	82.2	85.7	84.4	82.1	88.6
To get training for a specific career	76.8	74.7	77.9	81.5	82.8	85.2	81.0	80.2	80.1	79.1	80.9
To find my purpose in life [1]	54.3	51.2	58.6	59.2	61.6	63.4	52.3	62.0	63.1	59.6	61.7

[1] This item included for the first time in 2004.

ALL RESPONDENTS					All URMs				All Latinos		
	All Resp.	All White	Asian As. Am.	Haw. Pac. Isl.	All URMs	African Am.	Am. Indian	All Latino	Mexican Am.	Puerto Rican	Other Latino
Number of Respondents	70,249	46,629	8,923	792	13,905	6,941	1,539	5,425	2,411	880	2,134
Is this college your											
First choice	68.4	74.6	50.5	50.1	60.3	55.8	69.3	63.6	65.7	62.2	61.8
Second choice	21.6	18.6	28.9	29.2	26.8	28.7	20.4	26.2	25.1	28.3	26.5
Third choice	6.3	4.6	11.8	13.0	8.3	9.8	6.3	6.9	5.9	6.8	8.0
Less than third choice	3.6	2.3	8.8	7.8	4.6	5.7	4.0	3.4	3.3	2.7	3.7
To how many colleges other than this one did you apply for admission this year?											
None	16.6	19.5	7.5	9.3	13.0	11.2	22.7	12.6	13.1	13.5	11.7
One	10.8	12.3	6.1	6.2	9.1	9.1	13.5	7.7	7.9	8.2	7.4
Two	13.6	14.8	8.5	9.7	13.1	13.1	14.3	12.7	14.1	12.9	10.9
Three	15.5	15.7	12.8	14.5	16.8	17.6	16.7	15.8	16.5	14.6	15.5
Four	12.5	11.6	13.4	15.6	14.6	16.1	10.1	14.0	14.4	13.7	13.6
Five	9.2	8.3	12.1	14.1	10.1	10.4	7.7	10.4	10.1	11.0	10.5
Six	7.2	6.0	11.7	11.6	7.8	7.7	5.3	8.7	7.8	8.8	9.6
Seven to ten	11.6	9.5	21.9	14.1	11.9	10.6	7.4	14.6	13.4	13.8	16.4
Eleven or more	3.0	2.1	6.1	4.8	3.7	4.1	2.2	3.5	2.7	3.5	4.3
Reasons noted as "very important" in influencing student's decision to attend this particular college											
My relatives wanted me to come here	9.1	8.0	11.3	11.7	11.5	12.3	10.7	10.7	10.4	10.6	11.1
My teacher advised me	4.4	3.6	5.8	6.8	6.1	6.2	4.1	6.5	6.9	5.5	6.4
This college has a very good academic reputation	64.9	65.4	61.3	60.6	65.6	67.8	61.4	63.9	61.3	66.3	65.9
This college has a good reputation for its social activities	28.5	29.2	23.1	25.9	29.7	31.4	27.3	28.3	26.4	31.0	29.3
I was offered financial assistance	41.2	38.5	38.4	37.7	52.0	54.0	48.1	50.6	50.8	50.3	50.5
The cost of attending this college	29.8	26.9	34.5	34.2	36.5	38.3	33.3	35.1	34.0	35.8	36.0
High school counselor advised me	7.6	6.4	8.5	10.8	10.6	10.4	8.5	11.3	9.8	11.3	13.0
Private college counselor advised me	2.7	2.4	2.5	3.6	3.8	4.0	2.8	3.8	3.7	4.0	3.8
I wanted to live near home	16.6	15.4	17.7	19.2	19.5	17.9	18.4	22.0	22.2	22.6	21.4
Not offered aid by first choice	6.7	5.3	9.0	10.4	9.6	11.7	6.7	7.9	7.4	6.9	8.7
This college's graduates gain admission to top graduate/professional schools	46.6	45.4	48.7	47.1	49.2	51.8	43.5	47.4	45.4	46.3	50.2
This college's graduates get good jobs	55.7	55.3	54.9	53.7	57.7	61.1	54.0	54.6	52.6	56.9	55.8
I was attracted by the religious affiliation/orientation of the college	8.8	9.3	5.6	8.9	9.0	8.7	10.3	9.1	10.1	8.3	8.3
I wanted to go to a school about the size of this college	40.7	44.2	26.7	34.0	38.0	36.7	41.7	38.6	38.2	38.1	39.3
Rankings in national magazines	18.9	17.0	25.9	20.6	20.9	23.3	15.1	19.4	16.6	19.1	22.6
Information from a website	15.2	13.1	17.7	18.0	20.2	23.3	16.4	17.5	16.0	18.3	18.8
I was admitted through an Early Action or Early Decision program	11.2	12.1	9.3	8.3	9.5	9.7	8.8	9.4	8.0	10.4	10.5
A visit to the campus	42.5	46.5	26.9	31.2	39.7	39.7	41.4	39.1	37.1	42.6	39.9

	All Resp.				All URMs	All URMs			All Latinos		
		All White	Asian As. Am.	Haw. Pac. Isl.		African Am.	Am. Indian	All Latino	Mexican Am.	Puerto Rican	Other Latino
ALL RESPONDENTS											
Number of Respondents	70,249	46,629	8,923	792	13,905	6,941	1,539	5,425	2,411	880	2,134
Prior to this term, have you ever taken courses for credit at <u>this</u> institution?											
No	96.2	96.8	96.1	95.6	94.3	93.2	95.5	95.3	95.6	95.1	95.0
Yes	3.8	3.2	3.9	4.4	5.7	6.8	4.5	4.7	4.4	4.9	5.0
Where do you plan to live during the fall term?											
With my family or other relatives	12.9	10.7	16.6	20.3	17.4	12.7	12.8	24.8	25.3	21.8	25.6
Other private home, apartment or room	3.4	3.3	2.8	3.4	3.9	3.4	6.3	3.9	4.5	3.0	3.5
College residence hall	81.1	83.5	77.9	73.3	75.3	80.4	76.2	68.5	66.5	73.2	68.9
Fraternity or sorority house	0.4	0.4	0.1	0.3	0.2	0.2	0.7	0.2	0.2	0.3	0.1
Other campus student housing	2.1	1.8	2.3	2.5	2.6	2.7	3.3	2.4	3.3	1.5	1.6
Other	0.3	0.2	0.2	0.3	0.4	0.5	0.8	0.2	0.2	0.2	0.2
Objectives considered to be "essential" or "very important"											
Becoming accomplished in one of the performing arts (acting, dancing, etc.)	11.2	10.1	13.1	15.7	13.6	14.8	14.4	11.7	9.9	13.6	13.0
Becoming an authority in my field	60.4	58.9	60.2	60.8	65.7	69.5	64.8	61.2	58.8	64.7	62.5
Obtaining recognition from my colleagues for contributions to my special field	54.4	53.0	56.3	58.0	57.8	58.6	54.2	57.8	56.5	58.8	58.8
Influencing the political structure	15.6	14.0	15.0	15.9	21.5	23.0	20.1	20.0	19.9	20.1	20.0
Influencing social values	38.3	35.6	37.6	41.6	47.6	50.5	42.9	45.2	44.4	44.2	46.6
Raising a family	76.2	77.3	73.5	78.7	74.1	73.8	73.4	74.8	74.9	75.6	74.5
Having administrative responsibility for the work of others	34.6	32.5	38.1	39.0	39.2	41.6	33.5	37.8	37.2	35.8	39.3
Being very well off financially	74.8	70.7	82.3	82.6	83.2	87.7	75.1	79.7	78.3	84.6	79.3
Helping others who are in difficulty	74.1	71.8	76.1	79.6	80.5	81.5	76.1	80.5	80.4	78.4	81.4
Making a theoretical contribution to science	35.7	34.1	39.6	37.4	38.8	39.2	36.4	39.1	37.8	35.4	42.0
Writing original works (poems, novels, short stories, etc.)	11.8	10.3	11.3	13.9	17.1	18.8	19.4	14.2	13.3	17.1	14.0
Creating artistic work (painting, sculpture, decorating, etc)	10.7	9.9	12.0	13.3	12.6	11.5	15.4	13.1	13.9	12.2	12.6
Becoming successful in a business of my own	39.6	35.3	44.5	45.9	50.7	56.0	44.4	45.8	45.1	45.4	46.8
Becoming involved in programs to clean up the environment	19.9	18.1	23.1	24.5	23.8	24.5	22.8	23.2	23.7	19.9	24.0
Developing a meaningful philosophy of life	47.2	45.7	49.6	51.8	50.7	52.1	50.0	49.1	49.7	44.9	50.0
Participating in a community action program	25.9	22.4	30.4	33.4	34.5	37.9	27.5	32.2	33.4	27.9	32.6
Helping to promote racial understanding	32.9	24.8	42.9	44.1	53.1	60.1	41.4	47.4	47.3	47.8	47.5
Keeping up to date with political affairs	32.8	32.8	30.5	27.9	34.5	35.7	36.7	32.5	33.1	30.1	32.8
Becoming a community leader	31.5	29.5	29.8	31.1	39.4	42.8	34.6	36.4	37.0	35.1	36.2
Integrating spirituality into my life	43.7	40.5	40.7	46.1	56.2	65.8	50.3	45.8	48.3	43.7	43.8
Improving my understanding of other countries and cultures	47.2	42.7	56.1	56.9	56.1	56.4	51.8	57.1	54.5	54.9	60.8
Working to find a cure to a health problem [1]	51.3	47.1	62.3	59.1	57.7	60.0	51.8	56.5	56.8	52.1	58.1

[1] This item included for the first time in 2004.

ALL RESPONDENTS	All Resp.	All			All URM	All URMs			All Latinos		
		White	Asian As. Am.	Haw. Pac. Isl.		African Am.	Am. Indian	All Latino	Mexican Am.	Puerto Rican	Other Latino
Number of Respondents	70,249	46,629	8,923	792	13,905	6,941	1,539	5,425	2,411	880	2,134
STUDENT'S PROBABLE MAJOR											
Biological Science											
Biology (general)	24.3	23.1	28.8	28.2	25.1	27.0	17.9	24.8	24.3	21.6	26.7
Biochemistry or Biophysics	5.8	5.2	11.0	6.9	4.3	3.6	5.3	5.1	5.6	3.6	5.1
Microbiology or Bacteriology	1.5	1.6	1.9	2.4	1.2	0.9	1.7	1.3	1.2	0.8	1.6
Zoology	1.7	2.1	0.8	0.9	1.2	0.7	3.0	1.4	1.7	1.5	1.0
Other Biological Science	3.8	3.7	4.8	5.6	3.2	2.6	4.7	3.5	3.6	3.1	3.4
Physical Science											
Chemistry	5.9	6.5	5.2	4.5	4.4	4.6	5.8	3.9	3.3	4.9	4.0
Professional											
Medicine, Dentistry, Veterinary Medicine	23.2	22.6	23.0	22.6	25.2	24.8	26.7	25.4	26.1	23.3	25.5
Pharmacy	8.7	8.6	13.6	10.7	6.1	7.8	5.7	4.1	4.2	5.5	3.4
Social Science											
Psychology	25.1	26.6	10.9	18.2	29.3	28.2	29.2	30.7	30.0	35.8	29.3
STUDENT'S PROBABLE CAREER											
Business (exec, owner, sales, clerical, etc.)	1.3	1.3	1.4	1.2	1.0	1.0	1.2	1.0	1.0	1.5	0.8
Clinical psychologist	7.5	7.9	2.8	4.6	9.2	9.2	8.7	9.3	8.8	11.8	8.7
College administrator/staff	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0
College teacher	0.3	0.4	0.4	0.1	0.2	0.1	0.5	0.4	0.4	0.6	0.1
Dentist (including orthodontist)	4.4	4.3	5.5	5.4	4.0	3.9	3.2	4.3	5.0	2.2	4.5
Dietitian or nutritionist	0.4	0.4	0.2	0.0	0.2	0.2	0.2	0.3	0.2	0.2	0.4
Engineer	0.4	0.4	0.6	0.3	0.4	0.4	0.4	0.3	0.4	0.1	0.3
Lab technician or hygienist	0.6	0.7	0.5	0.8	0.5	0.4	1.0	0.4	0.6	0.5	0.2
Lawyer (attorney) or judge	1.5	1.6	0.9	1.2	1.9	2.0	1.4	1.9	1.7	1.6	2.3
Military service (career)	0.4	0.4	0.3	0.7	0.4	0.3	0.8	0.3	0.2	0.4	0.4
Nurse	0.8	0.7	0.6	2.1	1.4	1.6	1.1	1.3	1.7	1.2	0.8
Optometrist	0.9	0.8	1.2	1.7	0.9	0.9	1.0	1.0	1.5	0.6	0.5
Pharmacist	10.2	9.7	17.0	14.6	7.4	9.5	6.9	5.1	5.0	6.4	4.6
Physician	29.7	26.9	40.0	34.9	32.6	34.8	27.2	31.3	30.6	26.7	33.8
Education professional (teacher, prin., etc.)	2.4	2.7	0.9	1.1	1.9	1.5	2.3	2.5	2.7	1.8	2.2
Scientific researcher	6.3	7.1	5.2	4.2	4.5	3.3	7.1	5.3	4.4	4.0	6.7
Social, welfare or recreation worker	1.0	1.1	0.3	0.8	1.4	1.2	1.0	1.7	1.5	1.8	1.9
Therapist (physical, occupational, speech)	2.8	3.1	1.2	2.8	2.5	2.7	2.7	2.2	2.1	3.1	1.9
Veterinarian	5.2	6.2	1.8	2.8	4.4	3.0	7.3	5.4	5.6	7.1	4.4
Other	9.4	9.5	5.2	9.2	12.0	12.2	13.4	11.2	10.5	13.7	11.0
Undecided	10.2	10.8	10.6	8.1	7.9	6.1	7.6	10.3	11.6	8.8	9.5

ALL RESPONDENTS					All URM ^s	All URM ^s			All Latinos		
	All Resp.	All White	Asian As. Am.	Haw. Pac. Isl.		All URM ^s	African Am.	Am. Indian	All Latino	Mexican Am.	Puerto Rican
Number of Respondents	70,249	46,629	8,923	792	13,905	6,941	1,539	5,425	2,411	880	2,134
Father's occupation [5]											
Artist	0.8	0.9	0.5	0.3	0.9	0.9	1.7	0.7	0.4	1.4	0.9
Business	26.7	29.1	26.8	19.8	18.4	16.1	19.9	20.9	19.7	21.0	22.2
Business (clerical)	0.9	0.8	1.3	1.9	1.1	1.1	0.6	1.1	1.0	1.5	1.1
Clergy	0.9	0.9	1.1	0.7	1.1	1.5	1.3	0.5	0.2	0.6	0.7
College teacher	1.0	0.9	1.9	0.7	0.7	0.9	0.8	0.6	0.4	0.4	0.9
Doctor (MD or DDS)	6.0	6.1	8.9	8.5	3.3	2.4	3.1	4.5	2.9	4.3	6.4
Education (secondary)	2.3	2.6	1.1	0.7	2.1	2.3	2.7	1.8	1.8	1.8	1.8
Education (elementary)	0.7	0.8	0.2	0.4	0.8	0.9	0.9	0.6	0.6	0.6	0.6
Engineer	8.6	8.3	13.7	12.3	6.0	6.0	7.3	5.8	5.3	4.4	6.9
Farmer or forester	1.4	1.8	0.3	0.1	0.9	0.3	1.8	1.3	2.5	0.1	0.5
Health professional	2.1	2.1	3.0	3.6	1.4	1.5	1.3	1.2	0.9	1.5	1.3
Homemaker (full-time)	0.2	0.2	0.2	0.0	0.2	0.2	0.3	0.2	0.2	0.1	0.3
Lawyer	2.6	3.3	0.8	0.9	1.4	1.2	1.9	1.5	1.5	1.1	1.5
Military (career)	1.4	1.1	0.9	2.8	3.0	4.2	2.5	1.6	1.2	3.8	1.1
Nurse	0.6	0.5	0.7	3.0	0.7	0.9	0.7	0.5	0.3	0.4	0.9
Research scientist	1.1	1.0	2.5	0.8	0.4	0.4	0.5	0.4	0.1	0.3	0.8
Social/welfare/rec worker	0.6	0.5	0.4	0.7	0.9	1.4	0.6	0.4	0.2	0.5	0.5
Skilled worker	7.4	8.3	2.9	5.7	7.4	6.9	10.3	7.1	8.1	8.1	5.5
Semi-skilled worker	3.1	2.6	3.4	2.5	4.8	3.9	4.8	5.9	7.8	3.4	4.8
Unskilled worker	3.0	2.4	3.1	1.7	5.0	4.0	3.2	6.8	9.3	2.9	5.5
Unemployed	2.6	1.7	3.3	2.6	5.3	6.6	4.2	4.1	3.7	6.8	3.4
Other	25.9	24.1	23.1	30.4	34.1	36.3	29.7	32.6	32.0	35.0	32.4
Mother's occupation [5]											
Artist	1.7	2.0	1.2	0.6	0.9	0.8	1.0	1.1	1.0	1.3	1.2
Business	16.0	15.7	19.0	18.7	14.9	15.5	16.7	13.8	12.9	14.7	14.6
Business (clerical)	5.0	5.4	3.1	6.2	4.9	4.8	5.0	4.8	5.3	5.7	3.9
Clergy	0.3	0.3	0.2	0.0	0.4	0.4	0.3	0.2	0.1	0.4	0.3
College teacher	0.7	0.7	0.9	0.4	0.6	0.6	0.5	0.5	0.3	0.5	0.8
Doctor (MD or DDS)	2.2	2.0	3.9	4.4	1.6	1.5	1.4	1.8	1.0	1.7	2.8
Education (secondary)	4.7	5.5	2.0	2.1	4.2	4.7	4.8	3.4	3.4	2.7	3.7
Education (elementary)	8.2	9.5	3.3	3.1	7.2	6.7	8.5	7.4	7.2	8.3	7.3
Engineer	0.8	0.7	1.6	1.4	0.6	0.6	0.7	0.4	0.3	0.2	0.7
Farmer or forester	0.2	0.3	0.0	0.0	0.2	0.1	0.2	0.3	0.6	0.0	0.1
Health professional	4.0	4.4	4.1	4.8	2.5	2.9	2.5	2.1	2.0	2.9	1.9
Homemaker (full-time)	10.3	10.6	13.6	5.3	7.5	3.6	9.8	11.8	14.4	8.6	10.2
Lawyer	0.9	1.1	0.2	0.5	0.6	0.6	0.7	0.6	0.6	0.7	0.7
Military (career)	0.2	0.1	0.1	0.3	0.4	0.6	0.4	0.2	0.1	0.4	0.1
Nurse	9.7	10.1	7.1	24.7	9.1	12.2	7.8	5.4	4.2	8.0	5.7
Research scientist	0.6	0.5	1.6	0.6	0.2	0.2	0.2	0.3	0.2	0.1	0.4
Social/welfare/rec worker	1.9	1.7	1.0	1.6	2.9	3.5	1.7	2.6	2.0	3.6	2.9
Skilled worker	1.6	1.5	1.9	0.9	1.9	1.8	1.9	2.0	1.8	1.2	2.5
Semi-skilled worker	2.0	1.6	3.4	1.3	2.7	2.2	2.2	3.5	4.2	1.3	3.5
Unskilled worker	1.8	1.2	3.2	0.5	3.0	2.0	2.0	4.4	5.8	2.1	3.6
Unemployed	4.9	4.1	6.6	3.1	6.6	6.3	5.8	7.2	7.5	7.8	6.6
Other	22.5	21.2	21.9	19.4	27.3	28.6	25.9	26.1	25.2	27.6	26.5

[5] Recategorization of this item from a longer list is shown in Appendix C of "The American Freshman: National Norms for Fall, 2004".

ALL RESPONDENTS					All URM				All Latinos		
	All Resp.	All White	Asian As. Am.	Haw. Pac. Isl.	All URM	African Am.	Am. Indian	All Latino	Mexican Am.	Puerto Rican	Other Latino
Number of Respondents	70,249	46,629	8,923	792	13,905	6,941	1,539	5,425	2,411	880	2,134
HOW MUCH OF YOUR FIRST YEAR'S EDUCATIONAL EXPENSES (ROOM, BOARD, TUITION AND FEES) DO YOU EXPECT TO COVER FROM:											
Family resources (parents, relatives, spouse, etc.)											
None	16.4	14.5	13.7	11.0	24.9	27.4	24.5	21.9	21.9	26.5	19.9
Less than \$1,000	11.2	9.4	10.1	9.7	18.0	19.0	18.1	16.6	18.8	14.4	15.1
\$1,000 - 2,999	13.4	12.1	12.5	14.9	18.2	19.3	15.4	17.5	17.7	16.0	17.8
\$3,000 - 5,999	13.4	13.7	12.4	16.5	13.0	12.6	12.2	13.9	14.6	13.1	13.4
\$6,000 - 9,999	11.7	12.7	11.0	12.4	8.9	8.3	10.0	9.3	9.2	9.9	9.1
\$10,000 +	33.8	37.6	40.3	35.5	17.0	13.3	19.8	20.9	17.9	20.1	24.6
My own resources (savings from work, work-study, other income)											
None	38.2	36.6	42.7	39.0	40.6	44.7	34.6	37.0	33.9	40.5	39.2
Less than \$1,000	28.0	27.2	28.0	29.8	30.8	30.4	32.0	30.8	31.3	30.5	30.5
\$1,000 - 2,999	23.3	24.0	21.9	20.7	21.8	19.6	24.0	24.1	26.3	21.4	22.9
\$3,000 - 5,999	7.0	7.9	5.1	7.3	4.8	3.7	6.1	5.9	6.6	5.9	5.0
\$6,000 - 9,999	2.0	2.3	1.3	2.0	1.1	0.9	1.3	1.4	1.4	1.1	1.5
\$10,000 +	1.6	1.9	1.0	1.1	0.9	0.7	2.0	0.8	0.6	0.7	1.0
Aid which need <u>not</u> be repaid (grants, scholarships, military funding, etc.)											
None	27.8	29.4	30.2	31.2	20.6	19.6	19.4	22.3	20.3	23.9	23.9
Less than \$1,000	6.3	6.5	6.1	6.1	5.4	5.1	6.4	5.5	5.9	5.3	5.1
\$1,000 - 2,999	14.4	14.6	12.8	14.9	14.7	14.9	17.8	13.7	14.6	13.5	12.6
\$3,000 - 5,999	13.7	13.5	12.0	11.7	15.6	17.4	14.9	13.5	14.1	13.1	13.1
\$6,000 - 9,999	12.5	12.4	13.0	11.5	12.7	12.1	13.5	13.1	14.8	12.4	11.6
\$10,000 +	25.3	23.5	25.9	24.6	31.0	30.9	27.9	31.9	30.3	31.8	33.7
Aid which <u>must</u> be repaid (loans, etc.)											
None	47.3	48.2	53.2	46.8	40.4	38.0	41.5	43.1	42.2	38.6	45.9
Less than \$1,000	3.5	3.2	3.2	2.8	4.7	4.9	4.1	4.6	4.6	4.4	4.6
\$1,000 - 2,999	15.2	14.8	13.3	12.8	18.3	19.5	18.1	16.8	16.4	18.0	16.7
\$3,000 - 5,999	13.4	13.2	12.6	13.6	14.6	15.1	14.4	14.0	14.4	15.5	12.9
\$6,000 - 9,999	9.4	9.6	7.7	10.0	9.9	9.8	10.7	9.8	9.7	11.3	9.2
\$10,000 +	11.2	11.1	10.1	14.0	12.1	12.7	11.2	11.7	12.5	12.3	10.6
Other than above											
None	95.1	95.6	95.0	94.8	93.4	93.4	93.5	93.4	93.0	93.0	94.0
Less than \$1,000	1.9	1.5	2.2	2.1	2.8	2.8	3.1	2.7	2.9	3.0	2.5
\$1,000 - 2,999	1.3	1.1	1.3	1.0	1.8	1.9	1.4	1.8	1.9	1.9	1.5
\$3,000 - 5,999	0.7	0.7	0.6	0.5	0.8	0.7	1.1	0.9	1.0	1.1	0.7
\$6,000 - 9,999	0.4	0.4	0.3	0.4	0.5	0.6	0.3	0.5	0.5	0.5	0.4
\$10,000 +	0.7	0.7	0.6	1.1	0.7	0.6	0.7	0.8	0.7	0.6	0.8

ALL RESPONDENTS					All URM				All Latinos		
	All Resp.	All White	Asian As. Am.	Haw. Pac. Isl.	All URM	African Am.	Am. Indian	All Latino	Mexican Am.	Puerto Rican	Other Latino
Number of Respondents	70,249	46,629	8,923	792	13,905	6,941	1,539	5,425	2,411	880	2,134
Do you have any concern about your ability to finance your college education?											
None (I am confident that I will have sufficient funds)	30.7	34.2	26.7	22.4	21.9	22.7	23.5	20.4	17.2	23.4	22.7
Some (but I probably will have enough funds)	54.7	54.3	57.4	57.2	54.1	52.6	54.3	55.9	56.8	52.0	56.4
Major (not sure I will have enough funds to complete college)	14.6	11.5	15.9	20.4	24.0	24.6	22.1	23.7	25.9	24.6	20.9
Student estimates chances are "very good" that he/she will:											
Change major field	10.5	11.0	11.3	10.7	8.5	8.1	9.3	8.8	9.4	8.0	8.4
Change career choice	11.0	12.3	9.5	9.6	7.7	7.1	8.8	8.2	8.4	8.4	7.9
Participate in student government	7.4	6.5	7.1	9.2	10.9	13.8	7.7	8.1	8.6	7.4	8.0
Get a job to help pay for college expenses	48.7	48.7	43.4	50.3	52.2	50.1	54.0	54.3	57.7	51.5	51.7
Work full-time while attending college	5.7	5.1	4.2	7.1	8.8	9.5	8.5	8.0	8.5	9.1	7.1
Join a social fraternity or sorority	9.8	9.1	3.8	6.3	16.1	23.2	10.9	8.4	7.8	10.6	8.1
Play varsity/intercollegiate athletics	15.2	17.2	7.3	12.6	14.0	16.2	14.3	11.0	9.6	12.3	12.0
Make at least a "B" average	66.6	68.2	61.6	57.4	64.9	68.4	65.6	60.2	57.0	60.3	63.8
Participate in student protests or demonstrations	6.0	5.8	4.4	5.6	7.5	7.4	8.5	7.4	8.1	5.4	7.4
Transfer to another college before graduating	6.4	5.7	7.3	10.5	7.8	8.6	9.0	6.4	6.7	6.2	6.2
Be satisfied with your college	56.9	59.4	46.3	50.5	55.5	53.8	56.4	57.4	58.3	54.3	57.6
Participate in volunteer or community service work	35.4	33.7	38.3	38.8	39.0	40.5	36.1	37.9	38.5	32.9	39.4
Seek personal counseling	9.1	7.3	11.5	14.4	13.2	13.4	10.8	13.6	14.9	11.7	12.9
Communicate regularly with your professors [2]	38.8	38.3	35.1	34.8	43.2	47.5	39.5	38.7	39.2	35.1	39.5
Socialize with someone of another racial/ethnic group [2]	70.1	66.8	75.3	81.4	77.1	76.8	75.1	78.1	77.5	77.5	79.2
Participate in student clubs/groups	48.9	46.8	53.9	54.4	52.2	55.5	47.5	49.3	48.9	46.8	50.7
Strengthen your religious beliefs/convictions	29.5	27.1	26.2	31.3	39.8	48.5	36.7	29.5	32.3	26.1	27.9
Participate in a study abroad program	28.2	28.9	23.5	26.4	29.0	26.9	27.9	32.1	28.5	31.9	36.4
How would you characterize your political views?											
Far left	2.8	2.7	1.8	2.0	3.8	4.2	4.3	3.3	3.6	2.4	3.3
Liberal	29.7	27.8	33.4	30.7	33.6	34.1	28.1	34.5	33.4	36.3	35.0
Middle-of-the-road	45.3	43.9	50.5	48.2	46.5	47.0	45.0	46.4	45.6	47.8	46.9
Conservative	20.6	23.7	13.6	18.2	14.7	13.5	20.3	14.7	16.3	12.4	13.8
Far right	1.6	1.8	0.7	0.9	1.3	1.3	2.2	1.1	1.1	1.1	1.0

[2] Comparisons of these results with those from earlier years should be made with caution due to changes in wording or presentation order of the items.

APPENDIX B: URM TABLES

Underrepresented Minorities (URM) ALL RESPONDENTS (n=13905)	All		All		4-year Colleges		Universities		HBCUs		HSIs	
	4yr Coll	Univ	HBCU	HSI	Public	Private	Public	Private	Public	Private	Public	Private
Number of Respondents	8,662	5,243	2,169	2,359	3,461	5,201	3,075	2,168	757	1,412	1,459	900
Gender												
Male	25.3	27.9	24.1	30.6	27.0	24.2	27.2	28.9	24.4	23.9	31.2	29.7
Female	74.7	72.1	75.9	69.4	73.0	75.8	72.8	71.1	75.6	76.1	68.8	70.3
In what year did you graduate from high school?												
2004	93.5	95.8	92.5	95.2	91.8	94.7	95.2	96.6	87.2	95.4	95.2	95.3
2003	3.2	1.8	3.6	2.5	4.1	2.7	2.1	1.4	6.4	2.1	2.4	2.6
2002	1.2	0.7	1.8	0.8	1.4	1.0	0.7	0.7	2.8	1.2	1.2	0.2
2001 or earlier	1.8	1.5	1.9	1.2	2.3	1.4	1.7	1.1	3.2	1.2	0.8	1.9
Did not graduate but passed G.E.D. test	0.3	0.2	0.2	0.3	0.4	0.3	0.3	0.0	0.4	0.1	0.4	0.0
Never completed high school	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
How old will you be on December 31 of this year?												
16 or younger	0.1	0.1	0.1	0.2	0.1	0.1	0.0	0.1	0.1	0.1	0.2	0.2
17	3.2	3.4	3.4	2.5	3.2	3.1	2.5	4.7	4.0	3.1	2.4	2.7
18	69.9	74.3	72.8	69.4	68.1	71.2	74.1	74.6	66.1	76.4	71.2	66.3
19	22.2	19.5	18.8	24.3	22.8	21.8	20.4	18.3	21.5	17.4	22.7	27.1
20	2.2	1.0	2.1	1.9	2.7	1.9	0.9	1.0	3.5	1.4	2.0	1.7
21 to 24	1.7	1.2	2.0	1.3	2.0	1.4	1.6	0.7	3.2	1.3	1.0	1.8
25 to 29	0.3	0.4	0.2	0.3	0.4	0.2	0.4	0.4	0.4	0.1	0.3	0.2
30 to 39	0.3	0.1	0.3	0.0	0.4	0.2	0.1	0.1	0.4	0.2	0.1	0.0
40 to 54	0.1	0.0	0.3	0.1	0.3	0.0	0.0	0.0	0.8	0.0	0.1	0.0
55 or older	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
What was your average grade in high school?												
A or A+	18.9	31.4	16.6	21.2	15.4	21.2	27.2	37.5	9.8	20.2	19.0	24.8
A-	20.4	27.8	17.1	24.2	16.8	22.7	26.7	29.4	12.6	19.4	22.4	27.2
B+	22.0	19.9	21.4	21.9	22.4	21.8	21.8	17.3	19.2	22.5	23.0	20.2
B	20.8	14.2	21.1	21.9	22.9	19.4	16.2	11.4	23.4	19.9	22.9	20.2
B-	9.4	3.9	10.4	7.0	11.6	7.9	4.9	2.5	14.4	8.2	8.0	5.4
C+	5.5	1.6	8.7	2.8	6.9	4.6	1.8	1.3	13.4	6.2	3.5	1.7
C	2.9	1.0	4.6	0.9	3.7	2.3	1.2	0.7	6.9	3.4	1.1	0.6
D	0.1	0.1	0.2	0.0	0.2	0.1	0.1	0.0	0.3	0.1	0.1	0.0
How many miles is this college from your permanent home?												
5 or less	7.7	5.0	5.9	11.5	9.0	6.8	4.9	5.1	10.0	3.7	12.3	10.1
6 to 10	8.2	6.6	6.0	15.0	9.6	7.3	6.1	7.4	9.8	4.0	16.2	13.1
11 to 50	23.1	22.2	12.9	32.0	29.4	18.9	24.5	19.0	18.3	10.0	36.7	24.3
51 to 100	12.6	15.8	8.6	8.5	14.7	11.2	21.0	8.6	14.0	5.7	9.0	7.8
101 to 500	28.2	32.3	27.7	23.2	28.6	27.9	34.2	29.5	33.9	24.4	22.3	24.5
Over 500	20.2	18.1	38.9	9.9	8.7	27.8	9.3	30.5	14.0	52.2	3.5	20.2
Is English your native language?												
Yes	87.6	81.6	98.0	78.4	88.8	86.8	79.6	84.5	97.3	98.4	78.3	78.6
No	12.4	18.4	2.0	21.6	11.2	13.2	20.4	15.5	2.7	1.6	21.7	21.4

Underrepresented Minorities (URM) ALL RESPONDENTS (n=13905)	All				4-year Colleges		Universities		HBCUs		HSIs	
	4yr Coll	Univ	HBCU	HSI	Public	Private	Public	Private	Public	Private	Public	Private
Number of Respondents	8,662	5,243	2,169	2,359	3,461	5,201	3,075	2,168	757	1,412	1,459	900
Student reports spending "most" or "all" of the time during the last year of high school living with his/her: [1]												
Mother	90.6	92.3	90.3	92.7	90.2	90.9	91.8	92.9	89.2	90.8	92.5	93.1
Father	60.2	67.0	53.5	72.9	58.7	61.2	67.0	66.9	49.6	55.6	73.4	72.2
Stepmother	2.8	2.6	2.7	2.8	3.4	2.4	2.6	2.5	2.6	2.8	3.1	2.3
Stepfather	13.5	11.1	13.9	12.0	14.1	13.0	10.9	11.4	14.1	13.8	12.0	12.1
Grandparent	10.5	9.4	10.9	9.4	9.9	11.0	8.4	10.9	11.3	10.7	8.1	11.7
Legal guardian	12.1	8.9	12.8	9.8	13.4	11.1	9.7	7.8	16.2	11.1	9.3	10.8
Other adult(s)	7.6	7.2	5.2	8.4	7.3	7.8	7.4	6.9	5.5	5.0	6.9	10.8

[1] This item included for the first time in 2004.

From what kind of secondary school did you graduate?												
Public school (<u>not</u> charter or magnet)	71.9	69.9	71.2	73.4	81.1	65.8	78.1	58.3	81.6	65.6	81.2	60.9
Public charter school	1.8	1.5	2.4	1.4	1.9	1.8	1.7	1.2	3.0	2.1	1.0	1.9
Public magnet school	8.6	7.3	14.2	6.9	7.5	9.4	5.9	9.2	9.5	16.6	6.0	8.3
Private religious/parochial school	11.9	15.6	8.6	12.6	7.7	14.8	11.2	21.8	4.9	10.6	9.0	18.4
Private independent college-prep school	5.7	5.8	3.6	5.7	1.9	8.3	3.1	9.6	0.9	5.0	2.8	10.4
Your current religious preference												
Baptist	28.2	17.1	50.3	9.3	31.2	26.2	17.8	16.1	51.2	49.8	9.2	9.5
Buddhist	0.2	0.4	0.2	2.4	0.3	0.2	0.3	0.5	0.3	0.1	3.2	1.1
Church of Christ	5.1	3.6	6.8	4.1	6.1	4.4	3.9	3.1	8.4	6.0	4.8	3.1
Eastern Orthodox	0.2	0.6	0.0	0.8	0.3	0.2	0.6	0.7	0.0	0.1	0.6	1.0
Episcopalian	1.4	1.2	1.8	1.0	1.1	1.6	0.9	1.7	1.8	1.7	0.6	1.6
Hindu	0.1	0.1	0.0	1.1	0.1	0.0	0.1	0.1	0.0	0.0	1.0	1.4
Islamic	0.8	1.2	0.9	1.8	0.7	0.9	1.1	1.3	1.0	0.9	1.1	2.8
Jewish	0.4	1.2	0.1	1.4	0.1	0.6	0.9	1.6	0.0	0.2	0.6	2.6
LDS (Mormon)	0.2	0.6	0.1	0.5	0.3	0.2	0.8	0.2	0.0	0.1	0.6	0.3
Lutheran	1.3	1.2	0.9	2.1	1.0	1.4	1.3	1.0	0.8	0.9	2.2	1.9
Methodist	4.1	3.1	6.5	3.3	3.6	4.4	2.9	3.4	6.3	6.7	2.7	4.3
Presbyterian	1.3	1.4	1.2	1.7	1.0	1.5	1.5	1.4	1.8	0.9	1.8	1.5
Quaker	0.2	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.0	0.1	0.2
Roman Catholic	24.2	35.8	7.5	37.4	22.0	25.7	33.1	39.6	3.4	9.7	35.8	40.1
Seventh Day Adventist	1.4	1.1	1.2	0.4	1.5	1.3	1.1	1.1	1.5	1.1	0.3	0.7
Unitarian/Universalist	0.1	0.1	0.0	0.1	0.1	0.2	0.1	0.1	0.0	0.1	0.1	0.2
United Church of Christ/Congregational	0.5	0.6	0.6	0.3	0.3	0.6	0.6	0.5	0.1	0.9	0.2	0.5
Other Christian	15.0	14.2	12.4	12.0	14.0	15.6	14.9	13.1	12.1	12.6	13.4	9.7
Other Religion	4.0	3.4	3.8	3.7	4.8	3.5	3.4	3.3	5.2	3.1	3.9	3.3
None	11.2	13.1	5.4	16.4	11.4	11.1	14.4	11.4	6.1	5.1	17.9	14.1

Underrepresented Minorities (URM) ALL RESPONDENTS (n=13905)	All				4-year Colleges		Universities		HBCUs		HSIs	
	4yr Coll	Univ	HBCU	HSI	Public	Private	Public	Private	Public	Private	Public	Private
Number of Respondents	8,662	5,243	2,169	2,359	3,461	5,201	3,075	2,168	757	1,412	1,459	900
Do you consider yourself a Born-Again Christian?												
No	58.0	70.7	39.8	78.4	58.6	57.6	70.7	70.8	43.0	38.0	77.5	79.8
Yes	42.0	29.3	60.2	21.6	41.4	42.4	29.3	29.2	57.0	62.0	22.5	20.2
Student rated self "above average" or "highest 10%" as compared with the average person of his/her age in: [2]												
Academic ability	67.3	79.4	70.0	69.3	63.5	69.8	76.4	83.5	58.6	76.1	66.1	74.4
Artistic ability	27.4	28.1	28.5	27.4	26.4	28.2	28.2	27.9	27.1	29.2	26.8	28.3
Computer skills	33.1	32.0	40.1	35.5	34.9	31.9	31.1	33.3	42.1	39.0	35.9	34.9
Cooperativeness	71.2	73.2	74.9	67.9	69.9	72.1	72.0	74.9	71.7	76.6	66.8	69.7
Creativity	54.6	52.7	58.4	52.2	53.7	55.2	51.9	53.9	58.5	58.3	50.6	54.7
Drive to achieve	80.0	84.9	84.1	77.0	77.5	81.6	82.7	87.9	80.0	86.3	75.5	79.4
Emotional health	50.7	54.6	56.9	49.0	49.9	51.3	52.8	57.1	52.1	59.4	48.2	50.2
Generosity [1]	72.5	73.2	75.0	70.6	72.1	72.8	73.6	72.6	75.2	74.9	69.8	72.0
Leadership ability	61.6	63.0	67.7	55.9	60.6	62.3	61.3	65.5	64.1	69.6	54.1	58.7
Mathematical ability	37.5	46.8	40.4	41.6	36.2	38.3	45.3	49.0	34.9	43.4	40.6	43.2
Physical health	43.4	47.1	47.7	46.7	41.6	44.5	45.6	49.2	43.1	50.2	44.4	50.4
Public speaking ability	35.5	36.8	40.5	32.1	33.8	36.7	34.2	40.5	35.4	43.2	30.4	34.7
Self-confidence (intellectual)	64.3	63.7	74.6	56.1	64.1	64.5	62.2	66.0	73.4	75.2	54.4	58.8
Self-confidence (social)	55.8	52.1	63.6	49.2	57.7	54.6	52.5	51.4	66.4	62.1	46.7	53.3
Self-understanding	59.3	57.9	67.6	53.0	59.4	59.3	57.3	58.8	68.4	67.2	51.0	56.1
Spirituality	47.4	44.9	57.1	38.4	45.3	48.9	42.8	47.8	54.2	58.7	37.2	40.2
Time management [1]	32.0	36.6	33.6	34.9	30.5	33.0	34.6	39.5	29.9	35.7	33.9	36.4
Understanding of others	67.8	70.5	66.6	67.8	65.5	69.2	69.4	72.1	63.8	68.1	66.6	69.9
Writing ability	47.6	49.7	53.1	43.7	45.5	49.0	46.6	54.0	49.1	55.3	41.0	48.2

[1] This item asked for the first time in 2004.

[2] Comparisons of these results with those from earlier years should be made with caution due to changes in wording or presentation order of the items.

Underrepresented Minorities (URM) ALL RESPONDENTS (n=13905)	All				4-year Colleges		Universities		HBCUs		HSIs	
	All 4yr Coll	All Univ	HBCU	HSI	Public	Private	Public	Private	Public	Private	Public	Private
Number of Respondents	8,662	5,243	2,169	2,359	3,461	5,201	3,075	2,168	757	1,412	1,459	900
Indicate which activities you did during the <u>past year</u>												
Attended a religious service	87.3	85.0	93.9	79.5	86.1	88.2	83.8	86.6	91.5	95.1	77.9	82.2
Was bored in class [3]	30.5	34.5	27.9	31.8	32.5	29.2	34.2	35.0	29.8	26.9	32.5	30.8
Participated in organized demonstrations	56.9	49.6	61.9	55.2	57.4	56.6	51.9	46.4	60.7	62.5	54.2	56.6
Tutored another student	63.8	72.1	66.7	63.0	60.3	66.2	69.8	75.3	57.3	71.8	62.2	64.2
Studied with other students	87.6	88.9	88.2	89.5	86.3	88.5	89.0	88.7	83.9	90.4	89.3	89.8
Was a guest in a teacher's home	21.7	20.4	19.5	18.0	18.7	23.7	19.3	22.0	17.9	20.3	17.3	19.2
Smoked cigarettes [3]	3.7	2.4	1.8	5.3	4.8	3.0	2.3	2.6	3.6	0.9	5.3	5.3
Drank beer	24.2	28.3	11.4	35.0	24.6	23.9	27.4	29.6	15.1	9.5	33.9	36.8
Drank wine or liquor	41.1	42.0	34.1	45.7	41.1	41.1	40.3	44.4	35.1	33.6	42.4	50.9
Felt overwhelmed by all I had to do [3]	29.7	30.7	25.4	28.4	28.7	30.4	30.4	31.2	27.7	24.2	27.7	29.5
Felt depressed [3]	10.4	7.8	9.7	9.3	11.2	9.8	8.3	7.0	13.9	7.4	9.5	8.9
Performed volunteer work	84.9	89.5	85.9	84.9	79.5	88.5	88.0	91.6	77.3	90.5	82.9	88.1
Played a musical instrument	38.2	39.8	37.6	40.3	35.8	39.8	36.9	43.8	35.6	38.7	40.3	40.3
Asked teacher for advice after class [3]	30.7	32.4	33.5	27.0	26.8	33.3	31.7	33.2	26.7	37.2	25.2	29.9
Discussed politics [3]	21.3	25.4	20.6	21.5	19.5	22.5	24.4	26.8	17.0	22.5	21.1	22.3
Voted in a student election [3]	27.6	27.5	35.9	21.8	24.4	29.7	26.7	28.7	28.7	39.8	20.1	24.6
Socialized with someone of another racial/ethnic group [3]	82.5	86.9	77.3	81.8	79.7	84.4	85.9	88.4	71.5	80.3	81.2	82.9
Came late to class	65.7	67.0	68.5	59.9	66.1	65.4	66.0	68.4	68.1	68.7	59.7	60.4
Used the Internet for research or homework [2,3]	77.8	82.3	78.8	80.4	75.0	79.7	81.5	83.3	72.9	81.9	78.5	83.5
Performed community service as part of a class	56.5	57.7	59.7	55.2	51.0	60.2	56.3	59.8	50.8	64.5	53.2	58.4
Used a personal computer [3]	80.3	86.7	79.2	84.2	77.9	81.9	84.4	90.0	74.6	81.6	83.0	86.1
Worked on a local, state, or national political campaign	9.3	9.0	12.2	7.7	8.7	9.7	8.5	9.8	10.5	13.1	7.4	8.2
Maintained a healthy diet [1,3]	24.3	29.5	19.7	30.2	20.9	26.6	27.8	31.8	15.2	22.1	28.4	33.1
Stayed up all night	83.8	82.5	87.4	80.1	83.7	83.8	82.0	83.2	87.4	87.5	80.0	80.3
Missed school because of illness [3]	6.6	5.1	6.4	5.9	6.5	6.7	5.2	5.1	8.0	5.6	5.2	7.0

[1] This item asked for the first time in 2004.

[2] Comparisons of these results with those from earlier years should be made with caution due to changes in wording or presentation order of the items.

[3] Percentage responding "frequently" only. Results for other items in this group represent the percentage responding "frequently" or "occasionally".

Underrepresented Minorities (URM) ALL RESPONDENTS (n=13905)	All	All			4-year Colleges		Universities		HBCUs		HSIs	
	4yr Coll	Univ	HBCU	HSI	Public	Private	Public	Private	Public	Private	Public	Private
Number of Respondents	8,662	5,243	2,169	2,359	3,461	5,201	3,075	2,168	757	1,412	1,459	900
Which of these community service/ volunteer activities did you partici- pate in during high school? [1]												
None	6.8	4.6	6.4	8.0	10.1	4.6	5.7	3.1	11.2	3.8	9.1	6.1
Tutoring/teaching	51.1	61.4	52.0	47.7	45.2	55.0	56.5	68.3	40.0	58.4	44.8	52.6
Counseling/mentoring	26.3	26.7	28.5	18.4	22.7	28.7	25.1	28.9	21.9	32.0	16.7	21.3
Environmental activities	26.9	27.7	26.5	28.6	24.8	28.4	26.1	29.9	23.2	28.3	28.9	28.2
Child care	39.9	37.7	41.3	34.2	36.2	42.4	36.3	39.7	36.9	43.6	32.3	37.3
Elder care	20.5	21.4	22.2	19.6	19.1	21.4	20.3	22.9	20.5	23.2	18.6	21.2
Hospital work	19.6	24.0	21.9	19.8	17.0	21.4	21.9	27.1	19.3	23.3	16.4	25.4
Substance abuse education	5.2	5.5	4.8	4.5	4.5	5.6	5.0	6.2	4.1	5.2	4.0	5.1
Other health education	6.9	7.1	8.1	5.6	5.8	7.7	6.7	7.6	6.1	9.1	5.5	5.9
Services to the homeless	22.9	25.7	23.2	21.8	18.3	25.9	23.3	29.2	15.6	27.3	20.5	23.9
Community improvement/construction	22.2	24.4	18.8	23.0	18.8	24.4	22.9	26.6	14.0	21.4	22.4	24.0
Conflict mediation	8.3	7.7	10.3	5.3	7.7	8.7	7.2	8.6	8.7	11.2	4.8	6.0
Service to my religious community	33.4	35.8	34.3	32.4	29.2	36.3	34.6	37.5	25.8	39.0	32.1	32.8
Other community service	42.1	46.0	39.7	44.2	38.6	44.5	45.2	47.1	35.3	42.1	43.9	44.7

[1] This item asked for the first time in 2004.

[2] Comparisons of these results with those from earlier years should be made with caution due to changes in wording or presentation order of the items.

[3] Percentage responding "frequently" only. Results for other items in this group represent the percentage responding "frequently" or "occasionally".

DURING YOUR LAST YEAR IN HIGH SCHOOL, HOW MUCH TIME DID YOU SPEND DURING A TYPICAL WEEK DOING THE FOLLOWING?												
Studying/homework												
None	1.4	1.3	1.8	1.0	1.9	1.2	1.3	1.4	1.8	1.8	0.9	1.1
Less than one hour	8.3	5.9	8.7	8.3	9.9	7.2	5.9	6.0	12.1	6.8	8.1	8.6
1 to 2 hours	22.0	16.5	23.8	20.7	26.6	18.9	18.2	14.2	28.0	21.7	21.5	19.4
3 to 5 hours	29.3	28.0	29.7	31.2	30.4	28.5	29.6	25.9	31.8	28.6	32.8	28.7
6 to 10 hours	20.5	22.7	19.1	21.1	18.7	21.8	22.3	23.2	16.7	20.4	20.3	22.2
11 to 15 hours	9.5	12.3	8.4	9.0	7.1	11.1	11.9	12.9	4.2	10.6	8.6	9.8
16 to 20 hours	5.4	7.7	5.1	4.5	3.5	6.6	6.4	9.4	3.7	5.8	4.5	4.5
Over 20 hours	3.6	5.6	3.5	4.2	1.9	4.8	4.5	7.1	1.9	4.3	3.3	5.6

Underrepresented Minorities (URM) ALL RESPONDENTS (n=13905)	All	All			4-year Colleges		Universities		HBCUs		HSIs	
	4yr Coll	Univ	HBCU	HSI	Public	Private	Public	Private	Public	Private	Public	Private
Number of Respondents	8,662	5,243	2,169	2,359	3,461	5,201	3,075	2,168	757	1,412	1,459	900
Socializing with friends												
None	0.4	0.4	0.7	0.4	0.2	0.5	0.4	0.4	0.0	1.0	0.5	0.2
Less than one hour	2.5	2.0	2.8	2.1	2.2	2.8	2.3	1.6	3.4	2.5	2.1	2.0
1 to 2 hours	7.9	8.1	8.9	7.6	7.6	8.2	8.5	7.5	9.4	8.6	8.2	6.7
3 to 5 hours	21.6	22.1	21.2	21.1	21.9	21.4	23.1	20.6	22.1	20.8	21.3	20.8
6 to 10 hours	24.3	26.6	23.2	25.9	24.0	24.4	26.0	27.5	23.2	23.2	26.2	25.3
11 to 15 hours	15.8	15.3	14.8	15.4	15.6	15.9	14.9	16.0	14.7	14.8	14.9	16.2
16 to 20 hours	9.5	10.6	8.2	10.2	9.1	9.8	10.3	11.0	7.0	8.9	9.9	10.6
Over 20 hours	18.0	14.9	20.2	17.3	19.4	17.1	14.6	15.4	20.2	20.3	16.8	18.1
Talking with teachers outside of class												
None	7.9	6.7	8.3	8.6	9.8	6.7	7.6	5.5	10.9	6.9	9.4	7.3
Less than one hour	36.1	37.1	34.4	38.6	40.1	33.5	38.8	34.8	40.6	31.1	40.0	36.3
1 to 2 hours	32.4	33.6	31.2	32.1	28.9	34.7	31.7	36.3	24.5	34.7	31.3	33.5
3 to 5 hours	15.7	16.0	17.3	14.1	14.1	16.7	15.1	17.4	15.9	18.0	13.7	14.9
6 to 10 hours	4.8	4.3	5.0	4.1	4.2	5.2	4.8	3.6	4.2	5.5	3.9	4.3
11 to 15 hours	1.9	1.3	2.4	1.3	1.7	2.1	1.2	1.4	2.6	2.4	0.8	1.9
16 to 20 hours	0.7	0.4	0.8	1.0	0.7	0.8	0.4	0.4	0.7	0.9	0.8	1.2
Over 20 hours	0.4	0.4	0.6	0.3	0.5	0.4	0.3	0.6	0.7	0.5	0.1	0.5
Exercise or sports												
None	9.6	7.3	11.5	7.0	10.4	9.1	7.6	6.9	14.2	10.1	6.6	7.6
Less than one hour	13.5	12.9	13.9	11.6	13.9	13.2	13.7	11.7	14.9	13.4	11.4	11.8
1 to 2 hours	17.9	18.1	19.5	19.6	17.5	18.1	17.6	18.7	18.4	20.1	21.1	17.1
3 to 5 hours	18.6	20.0	16.8	20.0	18.8	18.4	19.4	20.8	15.9	17.2	21.4	17.8
6 to 10 hours	15.4	17.1	15.5	15.5	15.3	15.5	17.5	16.6	13.9	16.4	14.3	17.6
11 to 15 hours	11.0	11.5	10.0	11.6	10.1	11.6	11.2	12.0	8.7	10.6	10.2	13.7
16 to 20 hours	5.8	5.9	5.1	5.9	4.9	6.5	5.7	6.1	4.9	5.2	6.1	5.6
Over 20 hours	8.2	7.2	7.7	8.9	9.2	7.5	7.3	7.1	9.1	6.9	8.9	8.8
Partying												
None	26.8	26.0	22.2	26.1	25.3	27.9	28.1	23.0	22.7	22.0	28.8	21.6
Less than one hour	15.9	18.1	15.6	15.3	14.3	17.0	18.4	17.8	13.2	16.9	15.2	15.4
1 to 2 hours	19.3	20.3	20.2	19.6	20.5	18.6	19.7	21.1	19.4	20.7	19.7	19.5
3 to 5 hours	20.2	20.8	25.2	19.1	20.6	19.9	19.5	22.6	25.2	25.2	18.5	20.0
6 to 10 hours	10.1	8.8	10.0	11.6	10.4	9.8	8.7	9.0	10.5	9.8	9.7	14.6
11 to 15 hours	3.7	3.5	3.3	4.1	4.3	3.4	3.5	3.7	4.5	2.7	4.4	3.7
16 to 20 hours	1.9	1.0	1.5	2.1	2.0	1.9	0.8	1.4	1.9	1.3	1.8	2.5
Over 20 hours	2.0	1.4	1.8	2.2	2.6	1.6	1.4	1.4	2.6	1.4	1.9	2.6

Underrepresented Minorities (URM) ALL RESPONDENTS (n=13905)	All	All			4-year Colleges		Universities		HBCUs		HSIs	
	4yr Coll	Univ	HBCU	HSI	Public	Private	Public	Private	Public	Private	Public	Private
Number of Respondents	8,662	5,243	2,169	2,359	3,461	5,201	3,075	2,168	757	1,412	1,459	900
Working (for pay)												
None	38.5	43.3	37.1	41.9	35.5	40.6	40.8	47.0	32.8	39.4	42.4	41.1
Less than one hour	1.9	2.2	1.5	2.6	1.8	2.1	1.9	2.7	1.1	1.7	2.4	2.8
1 to 2 hours	2.9	2.7	2.3	3.5	2.4	3.2	2.7	2.8	1.8	2.6	3.7	3.1
3 to 5 hours	6.3	6.5	5.7	6.0	6.1	6.4	6.6	6.5	5.5	5.8	6.0	6.0
6 to 10 hours	9.7	9.7	10.5	8.6	9.0	10.1	9.2	10.3	11.6	9.9	8.2	9.2
11 to 15 hours	9.3	9.9	9.5	9.6	9.5	9.1	10.9	8.6	10.4	9.0	8.0	12.1
16 to 20 hours	13.2	12.2	13.6	11.6	14.2	12.5	13.8	9.9	14.6	13.1	13.1	9.3
Over 20 hours	18.2	13.4	19.8	16.3	21.5	16.0	14.2	12.2	22.3	18.5	16.2	16.5
Volunteer work												
None	23.1	17.3	22.0	23.5	29.7	18.8	19.6	14.1	33.4	16.0	26.1	19.3
Less than one hour	16.6	17.5	14.0	19.0	17.3	16.1	17.9	16.9	12.1	15.0	20.4	16.7
1 to 2 hours	25.0	28.3	26.1	24.4	23.2	26.2	28.4	28.0	23.4	27.6	25.0	23.5
3 to 5 hours	19.6	21.2	20.6	18.3	17.0	21.4	20.1	22.7	17.1	22.4	15.6	22.7
6 to 10 hours	8.3	8.7	8.8	8.1	7.0	9.2	7.6	10.3	6.6	10.0	7.9	8.4
11 to 15 hours	2.9	3.5	2.9	3.0	2.2	3.4	3.1	3.9	2.8	2.9	2.2	4.3
16 to 20 hours	1.4	1.5	1.8	1.3	1.2	1.6	1.2	1.8	1.1	2.2	0.8	1.9
Over 20 hours	3.0	2.2	3.8	2.3	2.5	3.4	2.1	2.3	3.6	3.8	1.9	3.1
Student clubs/groups												
None	22.9	16.5	21.0	26.4	27.9	19.6	19.0	13.0	30.9	15.8	28.7	22.7
Less than one hour	11.7	12.9	8.6	14.2	12.9	10.9	13.5	12.0	9.2	8.3	14.5	13.7
1 to 2 hours	26.3	28.1	24.9	26.2	24.8	27.3	27.5	29.0	22.6	26.1	26.1	26.4
3 to 5 hours	21.9	24.2	24.3	18.6	19.4	23.6	22.9	26.0	19.7	26.7	16.8	21.4
6 to 10 hours	9.5	10.0	12.1	7.4	8.2	10.3	9.4	10.8	10.7	12.9	6.8	8.4
11 to 15 hours	3.5	4.0	4.5	3.4	3.1	3.8	3.6	4.6	3.0	5.2	2.6	4.8
16 to 20 hours	1.9	2.1	2.3	1.9	1.8	2.0	1.9	2.3	2.1	2.4	2.0	1.6
Over 20 hours	2.3	2.2	2.4	2.0	2.0	2.5	2.0	2.4	1.8	2.7	2.5	1.1
Watching TV												
None	4.0	4.3	3.1	5.0	3.7	4.2	4.3	4.3	4.0	2.6	4.6	5.7
Less than one hour	12.6	13.6	10.3	14.1	12.0	13.0	14.0	13.2	10.5	10.2	13.3	15.4
1 to 2 hours	21.6	22.0	18.9	24.0	21.1	21.9	22.2	21.8	20.5	18.0	24.6	23.0
3 to 5 hours	27.0	28.6	27.0	27.7	27.5	26.6	27.7	29.9	26.4	27.3	29.1	25.6
6 to 10 hours	16.7	15.7	18.1	15.5	15.9	17.2	16.3	14.8	16.2	19.1	15.4	15.8
11 to 15 hours	7.7	7.3	9.5	6.4	7.8	7.6	6.9	7.8	8.4	10.2	5.8	7.4
16 to 20 hours	3.9	3.2	4.4	3.3	4.3	3.6	3.5	2.8	4.5	4.3	3.3	3.3
Over 20 hours	6.6	5.2	8.6	3.9	7.6	6.0	5.1	5.4	9.5	8.2	3.9	3.9

Underrepresented Minorities (URM) ALL RESPONDENTS (n=13905)	All				4-year Colleges		Universities		HBCUs		HSIs	
	4yr Coll	Univ	HBCU	HSI	Public	Private	Public	Private	Public	Private	Public	Private
Number of Respondents	8,662	5,243	2,169	2,359	3,461	5,201	3,075	2,168	757	1,412	1,459	900
Household/childcare duties												
None	15.9	15.4	14.4	17.5	16.1	15.7	14.5	16.6	16.8	13.1	16.9	18.6
Less than one hour	14.4	17.1	13.3	15.5	14.1	14.6	16.0	18.5	13.4	13.3	14.6	17.0
1 to 2 hours	28.2	29.4	26.5	30.4	27.1	29.0	28.9	30.1	26.2	26.7	29.7	31.6
3 to 5 hours	21.7	21.9	22.4	20.9	21.4	21.9	23.0	20.4	19.6	23.8	22.1	19.0
6 to 10 hours	9.8	9.0	11.0	8.0	10.1	9.7	9.9	7.8	9.7	11.7	8.4	7.5
11 to 15 hours	4.0	3.2	5.0	3.6	4.5	3.7	3.4	3.0	5.7	4.6	4.1	2.8
16 to 20 hours	1.8	1.5	1.9	1.6	1.9	1.8	1.7	1.3	1.6	2.1	1.7	1.4
Over 20 hours	4.1	2.6	5.5	2.5	4.8	3.6	2.8	2.3	7.0	4.7	2.7	2.2
Reading for pleasure												
None	18.2	17.9	16.6	19.3	19.8	17.2	19.0	16.4	19.4	15.1	20.1	18.1
Less than one hour	23.9	25.7	22.0	24.6	23.5	24.2	25.0	26.7	22.0	22.0	24.3	25.1
1 to 2 hours	26.9	27.7	27.8	27.7	25.8	27.6	27.3	28.1	26.7	28.4	27.8	27.6
3 to 5 hours	16.8	17.0	17.6	17.1	16.7	16.9	16.4	17.9	16.8	17.9	16.6	18.0
6 to 10 hours	7.6	6.6	8.4	6.9	7.4	7.8	7.0	6.0	7.1	9.1	7.0	6.9
11 to 15 hours	3.0	2.5	3.5	1.7	3.4	2.7	2.6	2.2	4.4	3.0	1.7	1.7
16 to 20 hours	1.5	1.2	1.5	1.2	1.5	1.5	1.3	1.1	1.4	1.6	1.5	0.7
Over 20 hours	2.1	1.5	2.7	1.4	1.9	2.2	1.5	1.5	2.2	2.9	1.1	1.9
Playing video/computer games												
None	46.7	48.9	46.8	44.2	45.3	47.7	49.4	48.3	45.8	47.3	43.2	45.6
Less than one hour	20.6	21.6	20.9	21.7	21.1	20.3	21.4	21.9	20.6	21.0	22.5	20.3
1 to 2 hours	14.7	13.6	15.3	14.5	14.9	14.6	13.1	14.2	14.7	15.7	14.0	15.1
3 to 5 hours	9.2	8.6	9.4	10.2	9.6	8.9	8.9	8.2	10.2	8.9	10.7	9.4
6 to 10 hours	4.5	3.7	4.2	5.1	4.6	4.4	3.4	4.1	4.7	3.9	5.3	4.9
11 to 15 hours	2.1	1.7	1.6	1.6	1.8	2.2	1.7	1.6	1.8	1.4	1.5	1.8
16 to 20 hours	0.8	0.7	0.9	1.1	1.0	0.7	0.7	0.7	1.2	0.6	1.2	1.0
Over 20 hours	1.4	1.2	1.1	1.7	1.6	1.2	1.4	1.1	1.1	1.1	1.6	1.8
Did your high school require community service for graduation?												
No	62.5	63.2	59.8	65.3	69.7	57.7	68.7	55.5	63.8	57.6	76.8	46.7
Yes	37.5	36.8	40.2	34.7	30.3	42.3	31.3	44.5	36.2	42.4	23.2	53.3
Have you participated in:												
A summer research program?	12.9	13.8	19.5	7.4	11.8	13.7	12.1	16.3	17.3	20.7	6.8	8.4
A health science research program sponsored by a university?	8.4	9.4	15.0	4.5	7.4	9.1	7.9	11.5	11.0	17.1	3.7	5.7

Underrepresented Minorities (URM) ALL RESPONDENTS (n=13905)	All				4-year Colleges		Universities		HBCUs		HSIs	
	4yr Coll	Univ	HBCU	HSI	Public	Private	Public	Private	Public	Private	Public	Private
Number of Respondents	8,662	5,243	2,169	2,359	3,461	5,201	3,075	2,168	757	1,412	1,459	900
Do you have a disability?												
Hearing	0.7	0.6	0.5	0.4	0.5	0.8	0.6	0.5	0.1	0.6	0.5	0.3
Speech	0.4	0.1	0.1	0.3	0.4	0.4	0.2	0.1	0.4	0.0	0.3	0.2
Orthopedic	0.6	0.4	0.4	0.5	0.6	0.5	0.5	0.3	0.5	0.3	0.4	0.6
Learning disability	1.7	0.9	0.7	2.0	1.0	2.1	0.8	1.0	0.4	0.8	1.8	2.3
Health-related	1.8	1.2	1.9	1.2	1.8	1.8	1.2	1.2	2.2	1.7	1.2	1.2
Partially sighted or blind	1.5	1.5	1.2	1.3	1.6	1.5	1.6	1.5	1.3	1.2	1.2	1.3
Other	1.4	0.8	1.0	1.3	1.2	1.4	0.9	0.7	1.6	0.7	1.2	1.4
Citizenship status												
U.S. citizen	93.8	93.2	97.3	92.3	95.0	92.9	92.4	94.4	97.3	97.3	92.8	91.5
Permanent resident (green card)	4.0	5.0	1.6	5.7	3.7	4.1	5.7	4.1	2.0	1.4	5.6	5.9
Neither	2.3	1.7	1.1	2.0	1.3	2.9	1.9	1.5	0.7	1.3	1.6	2.6
Student met or exceeded recommended years of high school study in: [4]												
English (4 years)	96.7	97.4	96.4	97.2	96.1	97.0	96.8	98.3	95.9	96.7	96.8	97.9
Mathematics (4 years)	79.9	84.7	81.0	71.4	76.8	82.0	82.1	88.2	76.6	83.3	67.0	78.1
Foreign Language (2 years)	92.3	95.2	91.3	93.7	90.1	93.8	93.8	97.1	88.8	92.7	92.8	95.2
Physical Science (2 years)	48.9	57.6	43.3	56.1	43.2	52.8	55.4	60.7	35.2	47.7	54.8	58.3
Biological Science (2 years)	51.0	56.1	45.9	51.6	47.8	53.0	55.2	57.5	40.3	49.0	48.9	55.9
History/Am. Govt. (1 year)	97.6	98.2	97.2	98.0	97.4	97.7	97.9	98.6	96.4	97.6	98.0	98.1
Computer Science (1/2 year)	63.7	57.3	65.5	65.3	65.0	62.8	58.0	56.4	64.6	66.0	64.6	66.4
Arts and/or Music (1 year)	80.1	83.0	78.5	85.1	78.1	81.5	82.5	83.6	76.0	79.9	87.3	81.5
WHAT IS THE HIGHEST ACADEMIC DEGREE THAT YOU INTEND TO OBTAIN:												
At any college												
None	0.9	0.6	1.0	1.0	1.0	0.8	0.6	0.5	1.2	0.9	0.9	1.1
Vocational certificate	0.2	0.0	0.2	0.1	0.3	0.2	0.1	0.0	0.3	0.1	0.1	0.3
Associate (A.A. or equivalent)	0.2	0.1	0.4	0.2	0.3	0.2	0.2	0.1	0.7	0.2	0.3	0.0
Bachelor's degree (B.A., B.S., etc.)	5.4	4.0	4.0	6.4	7.9	3.8	5.1	2.4	6.3	2.7	7.5	4.5
Master's degree (M.A., M.S., etc.)	17.0	14.0	12.8	20.9	20.0	15.0	16.0	11.1	18.4	9.8	22.3	18.6
Ph.D. or Ed.D.	38.1	34.8	39.4	35.9	37.6	38.4	35.3	34.1	43.8	36.9	35.8	36.0
M.D., D.O., D.D.S., or D.V.M.	34.4	43.2	38.4	31.8	28.9	38.0	39.6	48.2	24.5	46.0	30.2	34.5
J.D. (Law)	1.5	1.8	1.5	1.2	1.2	1.7	1.4	2.3	1.5	1.5	1.2	1.3
B.D. or M.Div. (Divinity)	0.5	0.3	0.5	0.1	0.5	0.4	0.3	0.3	0.9	0.3	0.1	0.3
Other	1.9	1.3	1.9	2.4	2.5	1.5	1.5	1.0	2.4	1.6	1.7	3.4
At this college												
None	1.6	0.7	1.5	3.4	3.0	0.8	0.7	0.6	2.7	0.9	5.1	0.7
Vocational certificate	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.0	0.2	0.1	0.3
Associate (A.A. or equivalent)	2.0	0.9	1.2	2.2	2.7	1.6	1.2	0.4	2.4	0.6	2.7	1.4
Bachelor's degree (B.A., B.S., etc.)	70.0	58.8	68.7	64.0	66.4	72.3	56.2	62.3	67.0	69.5	64.4	63.3
Master's degree (M.A., M.S., etc.)	13.6	15.4	12.0	14.6	14.9	12.8	16.8	13.5	16.5	9.8	14.9	14.0
Ph.D. or Ed.D.	6.6	10.4	7.9	7.4	7.1	6.3	11.0	9.7	5.8	8.9	6.3	9.2
M.D., D.O., D.D.S., or D.V.M.	3.8	11.8	6.1	5.7	3.1	4.3	12.3	11.1	2.9	7.7	3.9	8.7
J.D. (Law)	0.3	0.5	0.3	0.2	0.3	0.2	0.1	1.0	0.4	0.2	0.1	0.3
B.D. or M.Div. (Divinity)	0.2	0.2	0.3	0.1	0.2	0.2	0.2	0.1	0.2	0.3	0.1	0.2
Other	1.7	1.2	1.9	2.2	2.3	1.4	1.4	1.1	2.0	1.9	2.3	1.9

[4] Based on curriculum recommendations of the National Committee on Excellence in Education, except for years of Mathematics, ___ which was increased to 4 years for this study.

Underrepresented Minorities (URM) ALL RESPONDENTS (n=13905)	All				4-year Colleges		Universities		HBCUs		HSIs	
	4yr Coll	Univ	HBCU	HSI	Public	Private	Public	Private	Public	Private	Public	Private
Number of Respondents	8,662	5,243	2,169	2,359	3,461	5,201	3,075	2,168	757	1,412	1,459	900
Reasons noted as "very important" in deciding to go to college												
My parents wanted me to go	47.6	42.9	50.1	50.1	50.5	45.6	43.8	41.5	55.2	47.4	52.4	46.3
I could not find a job	7.5	6.3	8.9	8.1	8.7	6.7	7.5	4.6	9.8	8.3	8.2	8.1
Wanted to get away from home	24.9	22.2	31.3	16.3	25.1	24.7	21.4	23.3	30.6	31.6	15.1	18.1
To be able to get a better job	73.1	70.7	74.7	72.1	77.1	70.5	73.5	66.8	78.6	72.6	75.4	66.9
To gain a general education and appreciation of ideas	71.3	72.3	71.7	70.9	69.2	72.7	70.7	74.4	71.3	71.9	69.6	73.0
There was nothing better to do	4.6	3.6	5.6	3.9	4.7	4.5	3.6	3.6	6.9	4.9	3.8	4.2
To make me a more cultured person	51.5	54.7	53.2	45.3	47.1	54.4	51.5	59.2	45.4	57.3	42.3	50.2
To be able to make more money	75.2	70.8	79.3	74.3	81.2	71.3	72.9	67.9	84.3	76.6	77.3	69.3
To learn more about things that interest me	82.7	83.4	80.3	82.6	81.8	83.3	83.0	84.0	78.8	81.1	83.5	81.1
To prepare myself for graduate or professional school	85.0	87.7	87.4	83.2	82.1	86.9	87.1	88.6	83.2	89.7	80.9	86.9
To get training for a specific career	83.5	81.6	86.3	82.8	85.1	82.4	83.6	78.9	86.9	86.0	83.4	81.9
To find my purpose in life [1]	63.5	58.5	66.7	63.2	64.3	62.9	59.4	57.1	71.2	64.2	63.5	62.6

[1] This item included for the first time in 2004.

Is this college your												
First choice	57.6	64.9	58.0	57.8	53.7	60.1	62.2	68.8	39.9	67.7	56.6	59.8
Second choice	28.7	23.7	25.7	29.0	30.3	27.6	25.4	21.3	32.2	22.2	29.2	28.6
Third choice	8.8	7.4	9.5	8.3	9.7	8.2	8.2	6.2	15.6	6.2	8.6	7.7
Less than third choice	5.0	4.0	6.7	4.9	6.2	4.1	4.2	3.7	12.3	3.8	5.6	3.9
To how many colleges other than this one did you apply for admission this year?												
None	13.9	11.6	11.4	17.1	17.7	11.4	13.6	8.8	15.0	9.4	20.0	12.5
One	10.0	7.6	9.9	10.3	12.4	8.4	9.1	5.5	11.4	9.1	11.9	7.7
Two	14.3	11.1	14.5	15.9	16.4	12.8	12.3	9.5	16.1	13.6	16.1	15.5
Three	17.9	15.0	17.9	18.4	19.7	16.6	15.9	13.8	19.3	17.1	18.3	18.6
Four	14.8	14.2	16.3	13.8	14.1	15.3	14.1	14.4	15.4	16.8	12.4	16.1
Five	9.6	11.0	11.8	8.1	7.3	11.1	10.6	11.7	10.5	12.5	7.4	9.3
Six	6.9	9.3	6.7	6.7	5.4	7.8	8.3	10.8	5.1	7.6	5.2	9.2
Seven to ten	9.4	15.9	7.9	8.0	5.5	12.0	13.6	19.2	5.1	9.4	7.5	8.8
Eleven or more	3.3	4.2	3.7	1.7	1.5	4.6	2.6	6.4	2.1	4.5	1.3	2.3

Underrepresented Minorities (URM) ALL RESPONDENTS (n=13905)	All				4-year Colleges		Universities		HBCUs		HSIs	
	4yr Coll	Univ	HBCU	HSI	Public	Private	Public	Private	Public	Private	Public	Private
Number of Respondents	8,662	5,243	2,169	2,359	3,461	5,201	3,075	2,168	757	1,412	1,459	900
Reasons noted as "very important" in influencing student's decision to attend this particular college												
My relatives wanted me to come here	11.8	10.9	14.6	12.1	12.2	11.6	10.5	11.5	14.4	14.7	13.0	10.8
My teacher advised me	6.2	5.8	6.2	6.5	5.9	6.5	5.0	6.9	5.9	6.3	6.1	7.1
This college has a very good academic reputation	61.3	72.5	68.3	50.9	48.5	69.8	66.4	81.2	41.5	82.3	43.7	62.6
This college has a good reputation for its social activities	27.5	33.5	30.6	22.9	27.2	27.6	33.1	34.0	26.4	32.8	23.0	22.7
I was offered financial assistance	54.2	48.4	45.6	44.1	43.3	61.3	42.0	57.4	49.0	43.8	32.8	62.5
The cost of attending this college	37.9	34.2	34.9	36.7	50.4	29.6	39.8	26.2	52.0	25.7	40.5	30.5
High school counselor advised me	11.1	9.7	9.1	10.6	10.8	11.2	9.6	9.8	11.0	8.0	10.0	11.5
Private college counselor advised me	4.5	2.6	4.1	3.5	3.2	5.4	1.9	3.5	3.9	4.2	2.1	5.8
I wanted to live near home	20.6	17.8	12.9	28.3	23.8	18.4	19.2	15.9	19.0	9.6	29.8	26.0
Not offered aid by first choice	10.6	8.1	11.6	9.2	10.4	10.7	7.9	8.3	15.6	9.5	8.4	10.4
This college's graduates gain admission to top graduate/professional schools	45.9	54.7	56.4	38.0	32.6	54.6	47.5	64.7	28.9	70.6	31.7	48.1
This college's graduates get good jobs	55.5	61.4	63.3	46.6	44.5	62.7	55.7	69.3	39.7	75.5	40.8	55.9
I was attracted by the religious affiliation/orientation of the college	10.4	6.8	9.2	4.6	3.4	15.0	2.6	12.6	4.9	11.5	2.5	8.0
I wanted to go to a school about the size of this college	42.5	30.6	33.6	32.1	31.2	49.9	25.3	38.0	31.0	34.9	20.2	51.3
Rankings in national magazines	17.8	25.8	28.5	10.7	10.4	22.8	20.3	33.5	10.9	37.7	9.0	13.4
Information from a website	20.2	20.3	25.1	13.3	18.1	21.5	17.9	23.7	21.1	27.2	11.3	16.6
I was admitted through an Early Action or Early Decision program	9.8	9.0	10.6	7.4	7.3	11.4	6.3	12.7	6.3	12.9	7.1	8.1
A visit to the campus	39.2	40.4	34.4	28.3	32.6	43.6	36.5	45.9	32.9	35.2	23.4	36.1
Prior to this term, have you ever taken courses for credit at <u>this</u> institution?												
No	93.6	95.3	89.3	95.7	93.0	94.0	95.0	95.7	89.9	88.9	95.0	96.9
Yes	6.4	4.7	10.7	4.3	7.0	6.0	5.0	4.3	10.1	11.1	5.0	3.1
Where do you plan to live during the fall term?												
With my family or other relatives	19.8	13.6	12.2	44.8	27.0	14.9	13.9	13.1	17.5	9.4	51.4	34.1
Other private home, apartment or room	4.2	3.4	3.4	7.6	7.8	1.9	4.9	1.4	5.4	2.3	11.0	2.0
College residence hall	72.9	79.3	81.5	43.4	60.6	81.1	76.5	83.2	73.1	86.0	31.3	63.1
Fraternity or sorority house	0.1	0.4	0.1	0.0	0.1	0.1	0.7	0.0	0.1	0.1	0.1	0.0
Other campus student housing	2.5	2.9	2.3	3.7	3.8	1.6	3.6	2.1	3.0	1.9	5.7	0.4
Other	0.5	0.3	0.5	0.5	0.7	0.4	0.5	0.1	0.8	0.3	0.5	0.3

Underrepresented Minorities (URM) ALL RESPONDENTS (n=13905)	All				4-year Colleges		Universities		HBCUs		HSIs	
	4yr Coll	Univ	HBCU	HSI	Public	Private	Public	Private	Public	Private	Public	Private
Number of Respondents	8,662	5,243	2,169	2,359	3,461	5,201	3,075	2,168	757	1,412	1,459	900
Objectives considered to be "essential" or "very important"												
Becoming accomplished in one of the performing arts (acting, dancing, etc.)	14.1	12.7	17.4	11.7	14.5	13.9	12.1	13.5	20.2	15.9	11.7	11.7
Becoming an authority in my field	66.7	64.2	74.4	62.9	68.3	65.6	62.5	66.6	75.6	73.7	61.1	65.8
Obtaining recognition from my colleagues for contributions to my special field	57.8	57.7	62.4	59.1	59.5	56.8	56.9	58.9	63.7	61.8	59.0	59.2
Influencing the political structure	22.0	20.7	28.8	17.8	23.0	21.3	19.6	22.2	29.3	28.5	17.7	18.0
Influencing social values	48.7	45.7	54.0	41.4	47.2	49.7	43.0	49.6	53.7	54.1	40.5	42.7
Raising a family	73.8	74.7	73.9	75.0	74.6	73.3	73.7	76.1	72.9	74.4	74.4	75.9
Having administrative responsibility for the work of others	39.7	38.4	46.4	39.0	42.4	38.0	37.9	39.1	49.2	44.9	38.4	40.0
Being very well off financially	83.9	81.9	89.6	83.0	87.2	81.8	83.1	80.3	90.3	89.2	83.8	81.6
Helping others who are in difficulty	80.4	80.7	81.9	76.2	77.3	82.4	79.8	81.9	78.7	83.6	73.6	80.3
Making a theoretical contribution to science	38.5	39.4	42.1	35.2	35.7	40.3	37.4	42.3	39.0	43.7	33.5	37.8
Writing original works (poems, novels, short stories, etc.)	18.0	15.6	20.0	14.5	18.1	17.9	14.9	16.5	22.1	18.9	13.9	15.3
Creating artistic work (painting, sculpture, decorating, etc)	13.0	11.9	12.4	13.9	13.0	13.0	12.1	11.6	13.9	11.6	13.0	15.4
Becoming successful in a business of my own	53.0	46.9	62.2	52.5	56.6	50.7	47.6	45.9	68.0	59.2	52.3	52.9
Becoming involved in programs to clean up the environment	24.5	22.6	27.7	24.7	25.2	24.1	22.6	22.6	29.3	26.9	24.8	24.6
Developing a meaningful philosophy of life	50.9	50.3	55.4	49.7	50.6	51.1	48.6	52.8	58.1	54.1	48.0	52.3
Participating in a community action program	34.0	35.3	43.3	28.0	30.2	36.5	32.3	39.4	37.6	46.3	26.0	31.1
Helping to promote racial understanding	52.9	53.3	56.4	39.6	49.9	54.9	51.1	56.3	52.4	58.4	39.4	39.9
Keeping up to date with political affairs	34.2	35.2	41.2	30.5	32.2	35.5	33.5	37.5	37.8	42.9	30.1	31.3
Becoming a community leader	39.3	39.5	49.6	30.6	37.3	40.6	37.4	42.4	44.4	52.3	29.4	32.5
Integrating spirituality into my life	58.2	53.0	72.9	45.0	55.5	59.9	50.2	56.9	69.3	74.7	44.3	46.2
Improving my understanding of other countries and cultures	55.0	58.0	55.4	48.4	49.6	58.6	55.5	61.4	48.9	58.8	47.6	49.8
Working to find a cure to a health problem [1]	56.5	59.8	62.3	52.1	54.5	57.7	58.0	62.3	60.7	63.1	51.8	52.6

[1] This item included for the first time in 2004.

Underrepresented Minorities (URM) ALL RESPONDENTS (n=13905)	All				4-year Colleges		Universities		HBCUs		HSIs	
	4yr Coll	Univ	HBCU	HSI	Public	Private	Public	Private	Public	Private	Public	Private
Number of Respondents	8,662	5,243	2,169	2,359	3,461	5,201	3,075	2,168	757	1,412	1,459	900
STUDENT'S PROBABLE MAJOR												
Biological Science												
Biology (general)	24.9	25.5	31.8	27.4	23.9	25.6	23.7	28.0	26.8	34.4	25.4	30.8
Biochemistry or Biophysics	3.8	5.3	1.8	3.5	2.8	4.4	5.3	5.2	2.0	1.8	4.0	2.7
Microbiology or Bacteriology	0.9	1.6	0.4	1.5	0.9	0.8	2.0	1.2	0.1	0.5	2.0	0.8
Zoology	1.2	1.2	0.9	2.1	1.4	1.1	1.7	0.5	0.7	1.0	2.7	1.1
Other Biological Science	2.6	4.0	2.3	2.8	2.7	2.6	4.7	3.1	3.4	1.7	3.5	1.7
Physical Science												
Chemistry	4.7	4.1	5.1	3.1	4.8	4.6	3.5	4.9	4.9	5.2	2.4	4.1
Professional												
Medicine, Dentistry, Veterinary Medicine	23.9	27.5	20.9	22.8	22.2	25.0	26.8	28.4	16.8	23.1	23.2	22.1
Pharmacy	6.6	5.2	9.2	7.8	7.2	6.2	6.6	3.2	6.7	10.6	8.4	7.0
Social Science												
Psychology	31.4	25.7	27.6	29.0	34.1	29.7	25.7	25.6	38.6	21.7	28.6	29.8
STUDENT'S PROBABLE CAREER												
Business (exec, owner, sales, clerical, etc.)	1.1	0.9	1.3	1.3	1.3	1.1	0.8	1.0	1.1	1.2	1.1	1.5
Clinical psychologist	10.3	7.3	10.0	8.5	11.7	9.4	7.3	7.3	13.9	7.9	8.5	8.4
College administrator/staff	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
College teacher	0.2	0.3	0.0	0.4	0.3	0.2	0.4	0.2	0.0	0.0	0.5	0.2
Dentist (including orthodontist)	4.4	3.4	4.5	6.3	5.7	3.5	3.9	2.7	5.5	4.0	6.5	5.9
Dietitian or nutritionist	0.3	0.2	0.2	0.2	0.1	0.3	0.2	0.2	0.1	0.2	0.1	0.2
Engineer	0.4	0.3	0.3	0.3	0.4	0.4	0.2	0.4	0.6	0.2	0.1	0.6
Lab technician or hygienist	0.5	0.4	0.5	0.7	0.9	0.3	0.7	0.1	0.7	0.3	0.8	0.6
Nurse	1.7	1.0	2.0	1.9	2.3	1.3	1.3	0.6	3.6	1.2	2.0	1.8
Optometrist	0.9	1.0	0.7	1.4	1.0	0.8	1.1	0.8	0.7	0.7	1.2	1.8
Pharmacist	8.0	6.5	11.0	10.5	8.6	7.5	8.3	4.1	9.9	11.5	10.2	11.0
Physician	28.7	38.9	34.2	22.8	22.7	32.6	34.1	45.5	20.6	41.3	18.9	29.1
Education professional (teacher, prin., etc.)	2.3	1.4	1.5	2.2	2.4	2.2	1.8	0.9	2.7	0.9	2.4	1.9
Scientific researcher	4.2	5.0	2.6	3.7	3.5	4.7	4.7	5.4	2.5	2.7	4.4	2.6
Social, welfare or recreation worker	1.4	1.3	1.3	1.1	1.7	1.3	1.3	1.2	2.2	0.9	1.1	1.1
Therapist (physical, occupational, speech)	2.9	1.9	3.0	3.2	3.1	2.8	1.8	2.0	4.9	2.0	3.3	3.0
Veterinarian	4.5	4.2	3.8	7.5	4.6	4.5	5.6	2.2	2.1	4.7	10.2	3.1
Other	12.8	10.7	11.9	11.3	13.5	12.3	11.4	9.7	14.9	10.3	11.3	11.4
Undecided	7.4	8.8	3.8	9.7	7.5	7.3	9.2	8.2	4.6	3.3	10.3	8.8

Underrepresented Minorities (URM) ALL RESPONDENTS (n=13905)	All				4-year Colleges		Universities		HBCUs		HSIs	
	4yr Coll	Univ	HBCU	HSI	Public	Private	Public	Private	Public	Private	Public	Private
Number of Respondents	8,662	5,243	2,169	2,359	3,461	5,201	3,075	2,168	757	1,412	1,459	900
Father's occupation [5]												
Artist	1.1	0.6	0.9	0.6	1.0	1.2	0.4	0.9	1.4	0.6	0.6	0.7
Business	18.0	19.1	16.5	23.0	16.5	19.0	17.7	21.1	14.9	17.4	21.7	25.0
Business (clerical)	1.1	1.0	1.1	1.3	1.2	1.0	1.0	1.0	0.9	1.1	1.2	1.6
Clergy	1.3	0.7	1.6	0.2	1.0	1.5	0.6	0.9	1.7	1.6	0.1	0.4
College teacher	0.7	0.9	0.5	0.4	0.5	0.7	0.5	1.5	0.2	0.7	0.3	0.5
Doctor (MD or DDS)	2.5	4.6	2.0	3.6	1.6	3.2	3.3	6.4	1.1	2.5	2.6	5.2
Education (secondary)	2.1	2.1	2.2	1.9	2.2	2.1	2.0	2.3	1.8	2.4	2.0	1.8
Education (elementary)	0.8	0.7	1.2	0.6	0.6	1.0	0.6	0.7	0.9	1.3	0.6	0.7
Engineer	5.7	6.7	5.3	8.2	5.6	5.7	7.2	6.0	5.4	5.3	8.8	7.2
Farmer or forester	1.0	0.8	0.5	1.7	1.2	0.8	1.1	0.4	1.1	0.2	1.8	1.6
Health professional	1.2	1.5	1.1	1.7	1.2	1.3	1.5	1.5	1.1	1.1	1.6	1.8
Homemaker (full-time)	0.2	0.2	0.1	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.2	0.4
Lawyer	1.3	1.5	1.3	1.4	0.8	1.6	1.1	2.0	1.1	1.4	1.3	1.7
Military (career)	3.3	2.4	4.8	2.5	4.1	2.8	2.8	1.8	4.6	4.9	2.9	1.9
Nurse	0.7	0.7	0.7	0.6	0.7	0.8	0.9	0.5	0.6	0.7	0.7	0.5
Research scientist	0.3	0.6	0.2	0.5	0.3	0.3	0.6	0.6	0.5	0.1	0.4	0.6
Social/welfare/rec worker	1.1	0.6	1.5	0.6	0.9	1.2	0.6	0.7	1.4	1.6	0.4	0.8
Skilled worker	7.3	7.4	8.0	6.1	7.8	7.0	7.0	7.9	7.8	8.1	6.5	5.4
Semi-skilled worker	4.8	5.0	4.1	4.7	5.5	4.3	5.6	4.0	4.1	4.1	5.8	2.8
Unskilled worker	4.8	5.4	4.3	3.4	5.5	4.4	6.4	4.0	4.9	3.9	3.1	4.0
Unemployed	5.5	5.0	6.3	3.5	5.3	5.6	5.2	4.7	6.6	6.2	3.5	3.5
Other	35.1	32.4	35.7	33.1	36.2	34.4	33.5	30.9	37.8	34.6	33.8	32.0
Mother's occupation [5]												
Artist	1.0	0.9	0.6	1.1	0.8	1.1	0.9	1.0	0.7	0.6	0.9	1.5
Business	14.9	15.1	17.4	16.6	14.1	15.4	13.2	17.7	15.6	18.3	17.3	15.3
Business (clerical)	4.6	5.2	5.1	4.9	4.5	4.7	5.5	4.8	4.0	5.7	5.1	4.6
Clergy	0.4	0.3	0.5	0.1	0.2	0.5	0.4	0.3	0.4	0.6	0.1	0.1
College teacher	0.6	0.4	0.7	0.5	0.4	0.8	0.2	0.7	0.7	0.8	0.5	0.5
Doctor (MD or DDS)	1.3	2.0	1.4	1.6	1.0	1.5	1.5	2.7	0.9	1.7	0.9	2.8
Education (secondary)	4.0	4.4	5.2	3.9	3.9	4.2	4.3	4.5	4.0	5.8	4.1	3.5
Education (elementary)	7.1	7.3	7.3	6.5	7.0	7.2	6.9	7.9	6.7	7.6	6.7	6.3
Engineer	0.5	0.6	0.9	0.9	0.6	0.4	0.8	0.4	1.1	0.8	1.2	0.4
Farmer or forester	0.1	0.2	0.0	0.1	0.1	0.2	0.3	0.1	0.0	0.1	0.1	0.1
Health professional	2.6	2.3	3.0	2.7	2.1	3.0	2.4	2.1	1.1	3.9	2.5	3.1
Homemaker (full-time)	6.2	9.7	2.4	10.2	6.0	6.3	10.1	9.1	2.0	2.6	10.7	9.4
Lawyer	0.6	0.7	0.6	0.7	0.3	0.8	0.4	1.2	0.3	0.8	0.4	1.2
Military (career)	0.5	0.2	0.8	0.3	0.6	0.5	0.2	0.2	0.4	1.0	0.4	0.0
Nurse	9.4	8.5	10.0	7.6	10.4	8.7	8.3	8.9	12.1	8.9	7.1	8.4
Research scientist	0.2	0.3	0.1	0.2	0.1	0.2	0.3	0.2	0.1	0.1	0.3	0.1
Social/welfare/rec worker	3.0	2.7	3.6	1.8	2.8	3.2	2.9	2.6	3.3	3.7	1.5	2.2
Skilled worker	1.9	1.8	1.5	1.6	2.1	1.8	1.8	1.9	2.0	1.3	1.4	2.0
Semi-skilled worker	2.5	3.0	2.1	2.4	3.1	2.1	3.1	2.7	3.2	1.6	3.3	0.8
Unskilled worker	2.7	3.3	1.8	2.1	2.7	2.7	4.2	2.1	2.0	1.7	2.2	2.0
Unemployed	6.9	6.0	6.5	7.7	7.1	6.8	6.2	5.7	7.2	6.2	7.7	7.8
Other	28.9	24.8	28.5	26.5	30.1	28.0	26.0	23.1	32.0	26.6	25.7	27.7

[5] Recategorization of this item from a longer list is shown in Appendix C of "The American Freshman: National Norms for Fall, 2004".

Underrepresented Minorities (URM) ALL RESPONDENTS (n=13905)	All				4-year Colleges		Universities		HBCUs		HSIs	
	4yr Coll	Univ	HBCU	HSI	Public	Private	Public	Private	Public	Private	Public	Private
Number of Respondents	8,662	5,243	2,169	2,359	3,461	5,201	3,075	2,168	757	1,412	1,459	900
HOW MUCH OF YOU FIRST YEAR'S EDUCATIONAL EXPENSES (ROOM, BOARD, TUITION AND FEES) DO YOU EXPECT TO COVER FROM:												
Family resources (parents, relatives, spouse, etc.)												
None	27.0	21.5	31.6	14.7	32.9	23.0	24.5	17.2	41.1	26.5	16.2	12.2
Less than \$1,000	19.0	16.3	18.3	19.8	23.4	16.1	18.7	12.9	22.6	16.1	22.9	14.7
\$1,000 - 2,999	18.6	17.4	18.2	20.7	19.7	17.9	18.9	15.3	18.5	18.1	22.0	18.6
\$3,000 - 5,999	13.4	12.5	11.8	16.8	11.8	14.4	11.6	13.7	9.1	13.2	16.5	17.3
\$6,000 - 9,999	8.4	9.7	7.8	10.5	5.8	10.1	9.0	10.6	5.0	9.3	9.2	12.4
\$10,000 +	13.6	22.7	12.3	17.7	6.2	18.4	17.3	30.3	3.7	16.9	13.3	24.8
My own resources (savings from work, work-study, other income)												
None	42.1	38.0	56.0	27.3	45.4	40.0	38.3	37.6	58.0	54.9	24.9	31.1
Less than \$1,000	31.7	29.2	28.2	38.8	34.1	30.1	31.2	26.4	27.7	28.4	43.5	31.3
\$1,000 - 2,999	20.4	24.3	12.7	25.5	16.0	23.3	22.5	26.8	12.3	13.0	24.2	27.6
\$3,000 - 5,999	4.0	6.2	2.2	5.7	3.1	4.6	6.0	6.4	1.5	2.5	5.2	6.4
\$6,000 - 9,999	1.1	1.2	0.6	1.8	0.9	1.3	1.2	1.2	0.3	0.8	1.7	2.0
\$10,000 +	0.7	1.1	0.4	0.9	0.5	0.8	0.8	1.6	0.3	0.4	0.5	1.6
Aid which need <u>not</u> be repaid (grants, scholarships, military funding, etc.)												
None	19.8	22.0	24.9	18.4	25.5	16.0	24.0	19.2	26.4	24.1	27.1	5.5
Less than \$1,000	5.3	5.7	6.5	8.4	7.7	3.6	7.4	3.3	8.5	5.5	11.7	3.4
\$1,000 - 2,999	15.8	12.9	17.3	20.6	24.0	10.3	17.2	6.8	22.1	14.8	28.3	9.0
\$3,000 - 5,999	16.9	13.5	21.3	17.2	20.7	14.3	16.6	9.2	22.1	20.9	18.0	16.0
\$6,000 - 9,999	13.4	11.5	11.5	14.5	11.7	14.5	12.6	9.9	11.8	11.4	9.3	22.3
\$10,000 +	28.9	34.4	18.4	20.9	10.4	41.2	22.3	51.6	9.2	23.4	5.5	43.8
Aid which <u>must</u> be repaid (loans, etc.)												
None	39.7	41.5	35.7	46.8	49.1	33.5	45.6	35.7	41.0	32.9	55.8	32.6
Less than \$1,000	5.0	4.3	4.8	6.2	6.6	3.9	5.0	3.2	7.9	3.2	7.5	4.2
\$1,000 - 2,999	19.2	16.9	17.0	20.6	20.4	18.4	18.0	15.3	19.4	15.7	20.3	21.1
\$3,000 - 5,999	14.7	14.3	12.7	12.1	12.4	16.3	14.0	14.9	15.3	11.3	9.2	16.6
\$6,000 - 9,999	10.1	9.5	11.7	7.4	6.5	12.6	8.9	10.3	8.9	13.2	3.9	12.9
\$10,000 +	11.3	13.6	18.1	6.9	5.1	15.4	8.6	20.7	7.5	23.8	3.3	12.6
Other than above												
None	93.4	93.4	94.9	88.5	93.3	93.5	93.4	93.4	94.7	95.0	89.8	86.1
Less than \$1,000	2.7	3.0	2.4	4.9	3.2	2.4	3.5	2.3	3.2	2.0	5.2	4.5
\$1,000 - 2,999	2.0	1.5	1.8	3.2	2.0	1.9	1.3	1.7	1.6	1.8	2.1	5.4
\$3,000 - 5,999	0.7	1.0	0.3	1.5	0.7	0.7	0.8	1.3	0.1	0.4	1.3	1.9
\$6,000 - 9,999	0.5	0.5	0.4	1.1	0.4	0.5	0.6	0.4	0.3	0.4	0.9	1.4
\$10,000 +	0.7	0.6	0.3	0.7	0.4	0.9	0.4	0.9	0.1	0.4	0.7	0.7

Underrepresented Minorities (URM) ALL RESPONDENTS (n=13905)	All	All			4-year Colleges		Universities		HBCUs		HSIs	
	4yr Coll	Univ	HBCU	HSI	Public	Private	Public	Private	Public	Private	Public	Private
Number of Respondents	8,662	5,243	2,169	2,359	3,461	5,201	3,075	2,168	757	1,412	1,459	900
Do you have any concern about your ability to finance your college education?												
None (I am confident that I will have sufficient funds)	22.7	20.6	26.7	22.8	22.6	22.8	20.2	21.0	28.4	25.8	22.4	23.5
Some (but I probably will have enough funds)	53.3	55.4	48.2	56.9	54.1	52.8	54.7	56.3	48.8	47.9	56.7	57.3
Major (not sure I will have enough funds to complete college)	24.0	24.0	25.1	20.2	23.2	24.4	25.0	22.6	22.8	26.3	20.9	19.2
Student estimates chances are "very good" that he/she will:												
Change major field	7.7	9.8	6.7	9.1	9.0	6.8	9.7	9.9	8.9	5.5	10.4	7.0
Change career choice	7.0	8.9	5.9	8.5	7.0	7.0	9.3	8.3	6.9	5.3	9.3	7.3
Participate in student government	11.2	10.5	16.8	7.6	9.7	12.2	9.8	11.3	13.2	18.7	5.4	11.2
Get a job to help pay for college expenses	51.4	53.4	43.5	51.7	52.1	51.0	53.6	53.1	45.2	42.6	54.2	47.7
Work full-time while attending college	9.9	7.0	9.1	10.5	13.4	7.6	7.6	6.2	14.3	6.3	12.2	7.8
Join a social fraternity or sorority	17.7	13.4	35.2	9.7	20.2	16.0	12.7	14.3	33.6	36.0	10.0	9.0
Play varsity/intercollegiate athletics	16.0	10.5	15.1	12.0		17.4	10.0	11.2	17.3	13.9	8.3	18.0
Make at least a "B" average	65.1	64.5	74.2	64.7	63.1	66.4	61.4	68.9	68.2	77.4	62.5	68.2
Participate in student protests or demonstrations	7.8	7.1	10.0	6.2	6.7	8.5	6.9	7.5	8.2	11.0	5.4	7.3
Transfer to another college before graduating	10.1	4.0	9.4	12.9	14.5	7.2	4.4	3.4	16.6	5.6	16.0	7.8
Be satisfied with your college	52.5	60.4	53.0	49.6	45.2	57.4	57.2	64.8	36.5	61.8	46.7	54.1
Participate in volunteer or community service work	37.2	41.9	42.6	30.4	29.0	42.6	37.0	48.7	32.0	48.3	28.6	33.3
Seek personal counseling	12.2	14.9	12.2	11.4	11.9	12.3	16.0	13.3	10.2	13.3	12.0	10.3
Communicate regularly with your professors [2]	42.8	43.9	46.8	35.2	36.8	46.6	42.2	46.3	36.4	52.3	31.0	42.1
Socialize with someone of another racial/ethnic group [2]	75.2	80.4	63.1	74.7	71.6	77.5	78.9	82.6	60.1	64.7	73.3	77.0
Participate in student clubs/groups	49.9	55.9	54.4	42.6	44.0	53.8	51.2	62.4	45.0	59.3	39.0	48.4
Strengthen your religious beliefs/convictions	41.7	36.6	54.2	27.5	37.7	44.4	33.0	41.6	50.3	56.3	25.9	30.0
Participate in a study abroad program	27.1	32.2	25.2	20.4	19.8	31.9	29.3	36.3	21.9	27.0	17.1	25.7
How would you characterize your political views?												
Far left	4.2	3.3	4.4	3.3	4.3	4.1	3.5	3.0	6.6	3.3	3.2	3.4
Liberal	32.4	35.6	33.6	29.4	29.8	34.1	32.6	39.7	27.7	36.7	28.8	30.3
Middle-of-the-road	46.2	47.1	44.0	47.5	48.0	45.0	49.2	44.1	44.6	43.7	46.8	48.6
Conservative	15.7	13.0	16.0	18.2	16.2	15.4	13.5	12.4	18.7	14.6	19.5	16.2
Far right	1.5	1.0	1.9	1.6	1.7	1.4	1.1	0.9	2.4	1.7	1.7	1.5

[2] Comparisons of these results with those from earlier years should be made with caution due to changes in wording or presentation order of the items.

APPENDIX C: LIST OF PARTICIPATING INSTITUTIONS

Abilene Christian University	Bethel College	Central Connecticut State U
Adelphi University	Biola University	Central Methodist University
Adrian College	Bloomfield College	Central Missouri State University
Agnes Scott College	Bloomsburg U of Pennsylvania	Central State University *
Alabama A & M University *	Blue Mountain College	Centre College
Alaska Pacific University	Bluffton College	Chaminade University of Honolulu
Albertson College of Idaho	Boston College	Champlain College
Albertus Magnus College	Bowdoin College	Chapman University
Albion College	Bowie State University *	Charleston Southern University
Albright College	Bradley University	Chatham College
Alderson-Broadbudd College	Brandeis University †	Chestnut Hill College
Alfred University	Brevard College	Cheyney U of Pennsylvania *
Allegheny College	Bridgewater College	Chowan College
Alma College	Bridgewater State College	Christian Brothers University
Alvernia College	Brigham Young U-Hawaii Campus	Christian Heritage College
American University	Brown University †	Christopher Newport University
Amherst College	Bryant College	Claremont McKenna College
Anderson College	Bryn Athyn Coll of the New Church	Clarion U of Pennsylvania
Anderson University	Bryn Mawr College	Clark University
Antioch University	Bucknell University	Clarkson University
Aquinas College	Buena Vista University	Cleveland State University
Arkansas State University	Butler University	Coe College
Asbury College	Cal Poly State U-Pomona *	Colby College
Assumption College	Cal Poly State U-San Luis Obispo	Colgate University
Augsburg College	Caldwell College	College Misericordia
Augustana College	California Baptist University	College of Charleston
Austin College	California Coll of Arts & Crafts	College of Creative Studies
Averett University	California Institute of Technology	College of Mount Saint Vincent *
Avila University	California State U-Channel Islands	College of New Rochelle
Azusa Pacific University	California State U-Long Beach *	College of Notre Dame of Maryland
Bacone College	California State U-Los Angeles *	College of Saint Catherine
Baker University	California State U-San Marcos †	College of Saint Elizabeth
Baldwin-Wallace College	California U of Pennsylvania	College of Saint Mary
Bard College	Calvin College	College of Saint Rose
Barnard College	Campbell University	College of Saint Scholastica
Barry University *	Canisius College	College of Santa Fe *
Barton College	Capital University	College of Staten Island
Bates College	Cardinal Stritch University	College of the Holy Cross
Baylor University †	Carleton College	Colorado College
Bellarmino University	Carlow College	Colorado State University
Belmont University	Carnegie-Mellon University	Concordia College
Beloit College	Carroll College	Concordia College
Benedictine College	Carson-Newman College	Connecticut College
Benedictine University	Carthage College	Converse College
Bennett College *	Case Western Reserve University †	Coppin State College *
Berea College	Catawba College	Cornell University †
Bernard M Baruch College	Catholic University of America	Cornerstone University
Berry College	Cedar Crest College	Creighton University
Bethany College	Cedarville University	Daemen College
Bethel College	Centenary College	Dana College
Bethel College	Centenary College of Louisiana	Daniel Webster College
Bethel College	Central College	Dartmouth College

Davidson College	Georgia Institute of Technology †	Jacksonville University
Delaware Valley College	Georgia Southern University	John Brown University
Dickinson College	Georgia Southwestern State U	Johns Hopkins University †
Dillard University *	Georgia State University	Judson College
Dominican College of Blauvelt	Georgian Court College	Juniata College
Dominican University	Gettysburg College	Kalamazoo College
Dominican University of California	Glenville State College	Kentucky State University
Drake University	Gonzaga University	Kentucky Wesleyan College
Drexel University	Gordon College	Kenyon College
Drury University	Goshen College	Kettering University
Duke University †	Goucher College	Keystone College
Duquesne University	Grace College	King College
Earlham College	Grand Valley State University	Knox College
East Central University	Greensboro College	Kutztown U of Pennsylvania
East Stroudsburg U of Pennsylvania	Greenville College	Lafayette College
East Texas Baptist University	Grinnell College	Lake Forest College
Eastern Connecticut State U	Guilford College	Lasell College
Eastern Kentucky University	Gustavus Adolphus College	Lawrence University
Eastern Mennonite University	Gwynedd-Mercy College	Le Moyne College
Eastern Michigan University	Hamilton College	Lebanon Valley College
Eastern Nazarene College	Hamline University	Lee University
Eastern New Mexico University *	Hannibal-LaGrange College	Lenoir-Rhyne College
Eastern Oregon University	Harris-Stowe State College	Lesley College
Eastern Washington University	Hartwick College	Lewis and Clark College
Eckerd College	Harvey Mudd College	Lewis University
Edinboro U of Pennsylvania	Haverford College	Lincoln Memorial University
Elizabeth City State University *	Henderson State University	Lincoln University
Elizabethtown College	Hendrix College	Lincoln University *
Elmhurst College	Herbert H Lehman College *	Lipscomb University
Elmira College	High Point University	Livingstone College *
Elon University	Hiram College	Lock Haven U of Pennsylvania
Emmanuel College	Hobart and William Smith Colleges	Longwood College
Emory and Henry College	Hofstra University	Loyola College in Maryland
Emory University †	Hollins University	Loyola Marymount University
Erskine College	Holy Family College	Loyola University of Chicago
Fairfield University	Hood College	Loyola University-New Orleans
Ferrum College	Hope College	Lubbock Christian University
Fisk University *	Houston Baptist University	Luther College
Florida Gulf Coast University	Howard University *	Lycoming College
Florida Memorial College *	Huntingdon College	Lynchburg College
Florida Southern College	Huntington College	Lyndon State College
Florida State University	Husson College	Lynn University
Fordham University	Idaho State University	Lyon College
Framingham State College	Illinois College	Macalester College
Franciscan U of Steubenville	Illinois Institute of Art	MacMurray College
Franklin and Marshall College	Illinois Wesleyan University	Maine Maritime Academy
Freed-Hardeman University	Immaculata University	Malone College
Fresno Pacific University	Indiana U of Pennsylvania	Manchester College
Furman University	Indiana Wesleyan University	Manhattan College
Gannon University	Iowa State University	Mansfield U of Pennsylvania
Gardner-Webb University	Iowa Wesleyan College	Marquette University
Geneva College	Ithaca College	Mary Baldwin College

Marymount Manhattan College	North Park University	Quinnipiac University
Maryville Univ. of Saint Louis	Northeastern Illinois University *	Radford University
Marywood University	Northeastern State University	Ramapo College of New Jersey
Massachusetts Coll of Liberal Arts	Northeastern University	Randolph-Macon Woman's College
Massachusetts Inst of Technology †	Northern Arizona University †	Reed College
Master's College	Northwest Christian College	Regis College
McKendree College	Northwest Missouri State U	Regis University
McPherson College	Northwest Nazarene University	Reinhardt College
Medaille College	Northwest University	Rensselaer Polytechnic Institute †
Mercer University	Northwestern College	Rhode Island College
Mercyhurst College	Northwestern College	Rhode Island School of Design
Meredith College	Northwestern University †	Rhodes College
Messiah College	Notre Dame College	Rice University †
Miami University	Notre Dame de Namur University	Richard Stockton College of NJ
Michigan Technological University	Nova Southeastern University *	Rider University
Middlebury College	Nyack College	Ripon College
Midway College	Oakland University	Roanoke College
Millersville U of Pennsylvania	Oberlin College	Robert Morris University
Mississippi College	Occidental College *	Roberts Wesleyan College
Mississippi State University	Ohio Dominican University	Rochester Institute of Technology
Missouri Southern State College	Ohio Northern University	Rockford College
Molloy College	Ohio State University †	Rockhurst University
Monmouth College	Ohio Wesleyan University	Rocky Mountain College †
Monmouth University	Oklahoma Baptist University	Roosevelt University
Montclair State University	Oklahoma Christian University	Rosemont College
Moorhead State University	Oklahoma City University	Russell Sage College
Moravian College	Oklahoma State U †	Rutgers University-Camden
Morehouse College *	Oklahoma Wesleyan University	Rutgers University-New Brunswick
Morgan State University *	Oregon State University	Rutgers University-Newark †
Morningside College	Ottawa University	Sacred Heart University
Mount Holyoke College	Ouachita Baptist University	Saint Andrews Presbyterian College
Mount Ida College	Our Lady of the Lake University *	Saint Anselm College
Mount Mary College	Oxford College of Emory U	Saint Bonaventure University
Mount Olive College	Pace University	Saint Edward's University *
Mount Saint Mary College	Pacific Union College	Saint Francis College
Mount Saint Mary's College †	Pacific University	Saint John Fisher College
Mount Saint Mary's University	Palm Beach Atlantic University	Saint John's University-Queens
Muhlenberg College	Penn State Erie-The Behrend College	Saint Joseph College
Naropa University	Penn State U-Wilkes-Barre	Saint Joseph's College of Maine
Nebraska Methodist College	Pepperdine University	Saint Lawrence University
Neumann College	Peru State College	Saint Leo University
Nevada State College	Philadelphia University	Saint Mary-of-the-Woods College
New College of Florida	Philander Smith College *	Saint Mary's College
New School University	Pine Manor College	Saint Mary's College of California
New York University	Point Loma Nazarene University	Saint Mary's College of Maryland
Niagara University	Point Park University	Saint Mary's U of Minnesota
North Carolina Central University *	Polytechnic University	Saint Mary's University
North Central College	Pratt Institute	Saint Michael's College
North Central University	Presbyterian College	Saint Norbert College
North Dakota State University	Principia College	Saint Peter's College *
North Georgia College & State U	Providence College	Saint Thomas University *
North Greenville College	Purdue University †	Saint Vincent College

Saint Xavier University	Tabor College	U of Missouri-Rolla
Salem State College	Talladega College *	U of Montevallo
Salisbury University	Taylor University	U of Nebraska-Omaha
San Francisco State University †	Taylor University at Fort Wayne	U of New Mexico *
Santa Clara University	Teikyo Post University	U of North Carolina-Chapel Hill †
Sarah Lawrence College	Tennessee State University *	U of North Dakota
Savannah State University *	Tennessee Temple University	U of Notre Dame
Schreiner University	Texas A & M University †	U of Pennsylvania †
Scripps College	Texas A&M University-Kingsville *	U of Pittsburgh †
Seattle Pacific University	Texas Christian University	U of Pittsburgh-Bradford
Seattle University	Texas Tech University	U of Pittsburgh-Johnstown
Seton Hall University	Texas Woman's University †	U of Portland
Seton Hill University	The University of Tampa	U of Puget Sound
Shippensburg U of Pennsylvania	Thiel College	U of Redlands
Shorter College	Thomas More College	U of Richmond
Simmons College	Touro College	U of Rochester †
Simpson College	Trinity Christian College	U of Saint Thomas
Simpson University	Trinity College	U of San Diego
Slippery Rock U of Pennsylvania	Trinity University	U of San Francisco
Smith College	Trinity University	U of Scranton
Sonoma State University	Trinity Western University	U of Sioux Falls
South Dakota State University	Troy State University	U of South Carolina-Upstate
Southeast Missouri State U	Truman State University	U of Southern California †
Southeastern Coll of Assem of God	Tulane University	U of Southern Indiana
Southeastern Oklahoma State U †	Tuskegee University *	U of Texas-San Antonio *
Southern Illinois U-Carbondale	U of Alabama	U of the Arts
Southern Illinois U-Edwardsville	U of Arkansas-Fayetteville	U of the Sciences in Philadelphia
Southern Methodist University	U of Arkansas-Little Rock	U of the South
Southern Nazarene University	U of Arkansas-Pine Bluff *	U of the Virgin Islands *
Southern New Hampshire University	U of Bridgeport	U of Toledo
Southern University-New Orleans *	U of California-Davis †	U of Vermont
Southern Wesleyan University	U of California-Irvine †	U of Virginia †
Southwest Baptist University	U of California-Los Angeles †	U of Wisconsin-Milwaukee
Southwest Minnesota State U	U of California-Riverside †	U of Wisconsin-Whitewater
Southwest Missouri State U	U of California-San Diego †	Union College
Southwestern University *	U of California-Santa Barbara †	Union University
Spelman College *	U of California-Santa Cruz †	University of Saint Francis
Spring Hill College	U of Central Oklahoma	US Air Force Academy
Springfield College	U of Chicago †	US Coast Guard Academy
Stephens College	U of Idaho	US Military Academy
Stetson University	U of Illinois-Chicago	US Naval Academy
Suffolk University	U of Illinois-Springfield	Utah State University
SUNY College-Brockport	U of Kentucky	Utica College of Syracuse U
SUNY College-Geneseo	U of La Verne *	Valley City State University
SUNY College-Potsdam	U of Louisiana at Lafayette	Valparaiso University
SUNY Institute of Technology	U of Maine-Presque Isle	Vanderbilt University †
SUNY-Binghamton	U of Mary Hardin-Baylor	Vanguard U of Southern California
SUNY-Stony Brook †	U of Massachusetts-Amherst	Vassar College
SUNY-University at Buffalo	U of Massachusetts-Boston	Villa Julie College
Susquehanna University	U of Michigan †	Virginia Polytechnic Inst and St U †
Swarthmore College	U of Michigan-Dearborn	Virginia Wesleyan College
Sweet Briar College	U of Michigan-Flint	Viterbo University

Wabash College
Wagner College
Wake Forest University †
Walsh University
Warner Southern College
Wartburg College
Washington & Jefferson College
Washington and Lee University
Washington College
Wayne State College
Wayne State University
Waynesburg College
Webster University
Wellesley College
Wells College
Wesleyan College
Wesleyan University †
West Chester U of Pennsylvania
Western Baptist College
Western Connecticut State U
Western Illinois University
Western New England College
Westminster College
Westminster College
Westminster College
Westmont College
Wheaton College
Wheeling Jesuit University
Wheelock College
Whitman College
Whittier College *
Whitworth College
Widener University
Wilkes University
Willamette University
William Tyndale College
Williams Baptist College
Williams College
Wilmington College
Wilson College
Wingate University
Winston-Salem State University *
Wittenberg University
Wofford College
Woodbury University *
Worcester Polytechnic Institute
Worcester State College
Xavier University of Louisiana *
York College of Pennsylvania

† Institutions with NIH-sponsored programs

* Minority-serving institutions