

School of Technology

The Freshman Profile, Fall 2003

NOTE: DUE TO SMALL SAMPLE SIZES, SOME STATISTICS MAY NOT BE APPROPRIATE FOR ANALYTICAL PURPOSES.

The survey instrument administered to Fall 2003 Freshman Sycamore Advantage participants was the same one administered to the previous Freshman class. A separate report provides a profile of the entire Fall 2003 Freshman cohort. The purpose of this report is to provide a profile of freshmen enrolled in the School of Technology (Tech.). The following results are based on the 133 freshmen in Technology who went through Sycamore Advantage in June and August 2003. These students represent 6.6% of the 2,016 new freshmen and 8.2% of the Freshman Profile respondent pool.

Age	2003	2002
% age 17-19	96.2%	97.6%
% age 20-25	1.5%	2.4%
% age 26-30	0.8%	0.0%
% age 31-35	0.0%	0.0%
% age 36 and over	0.8%	0.0%

Graduated from High School	2003	2002
This year	94.7%	94.3%
Last year	4.5%	4.1%
Two years ago	0.0%	0.8%
Three years ago	0.0%	0.8%
Four or more years ago	0.8%	0.0%

12.8% of Fall 2003 Technology freshmen are women

Racial Background	2003	2002
Black or African American	9.8%	6.7%
Native American	1.5%	0.0%
Caucasian	86.4%	92.5%
International	0.0%	0.0%
Hispanic	0.8%	0.0%
Asian American/Pacific Islander	0.8%	0.0%
Multiracial	0.8%	0.8%

Estimated Family Income	2003	2002
Under \$25,000	8.3%	16.8%
between \$25,000 & \$39,999	17.3%	11.8%
between \$40,000 & \$59,999	23.3%	28.6%
between \$60,000 & \$79,999	24.8%	16.8%
Between \$80,000 & \$99,999	9.8%	10.9%
\$100,000 or more	16.5%	15.1%

Area Lived In During High School	2003	2002
Rural area	27.8%	31.5%
Small town	38.3%	35.5%
Moderate city	13.5%	16.9%
Large city	3.8%	4.0%
Suburban area outside city	16.5%	12.1%

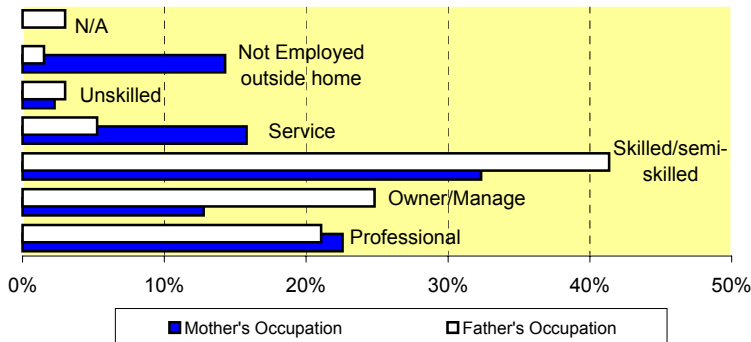
Are You the First of the Children in Your Family Going to College?	2003	2002
I am the only child	4.5%	5.6%
Yes, and I am the oldest	31.8%	38.7%
Yes, but I am not the oldest	10.6%	11.3%
No	53.0%	44.4%

60.2% : somewhat concerned about paying for college
15.8% : greatly concerned about paying for college

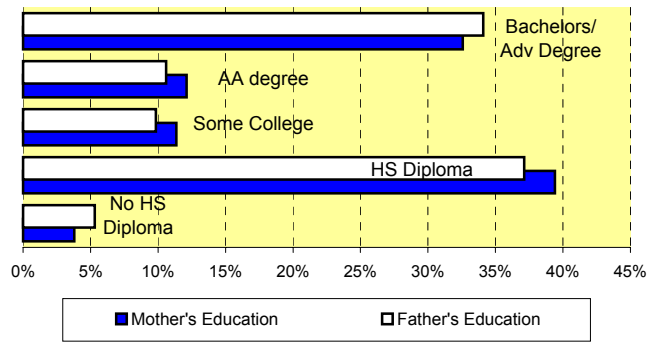
How Much Time Do You Spend Commuting from Your Home to ISU (one way)?	2003	2002
Live on campus	71.4%	83.1%
5 -30 minutes	21.8%	14.5%
More than 30 minutes	6.8%	2.4%

Family Background

Parental Occupation



Parental Education



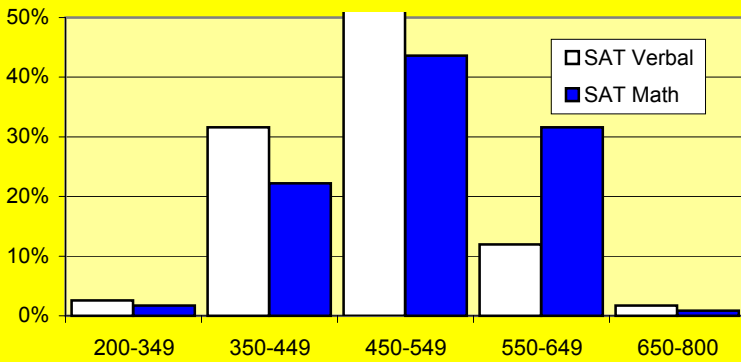
Family Ties to ISU Students

16% : Parents attended ISU
33% : Other close relative attended ISU
39% : Either parent or relative attended ISU

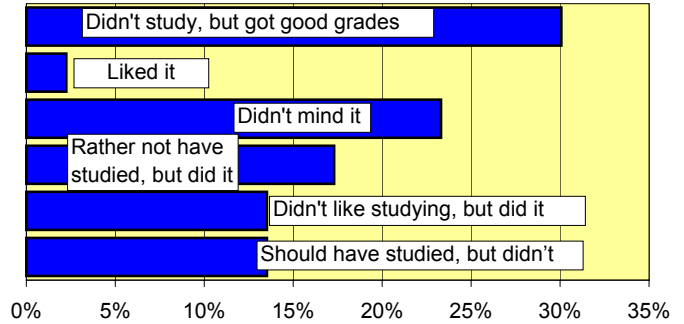
11% : Parents graduated from ISU
22% : Close relative graduated from ISU
30% : Either parent or relative graduated from ISU

Academics

Recentered Verbal & Math SAT Scores



Attitudes Toward Studying in High School



Which Academic Area Will Be Most Difficult for You?

	2003	2002
Communication (speech)	9.9%	4.2%
English Composition	27.5%	39.2%
Lab sciences (e.g. biology)	7.6%	9.2%
Mathematics	38.2%	28.3%
Others (e.g. art, economics, etc)	16.8%	19.2%

Academic Indicators

SAT SCORES

HS GPA

	Avg Verbal	Avg Math	Total Avg	Avg
2003	476	501	977	3.06
2002	490	513	1003	3.01

77.4% of respondents majoring in Technology ranked their high school as being above average.

71.5% of Technology freshmen predicted that their first year GPA would be B or better.

High School Attitudes:

	Strongly Agree/Agree			Strongly Agree/Agree	
	2003	2002		2003	2002
I did well in a variety of subjects	85.5%	88.6%	I only tried hard in my favorite classes	40.2%	43.5%
I was interested in many subjects	54.2%	54.1%	I was only good at one or two subjects	42.7%	39.5%
I learned a lot from doing class assignments	64.4%	55.7%	A lot of what I learned in school can be applied to the real world	53.8%	49.6%
I enjoyed participating in social activities	74.2%	70.7%	I liked being in high school	68.9%	75.4%

(Percent Responding "Often"/"Very Often")

	2003	2002
In high school, how often could personal experiences confirm or verify ideas presented in class?	40.8%	49.6%
During high school, how often did you feel "stressed" or overwhelmed by all your responsibilities?	27.7%	25.0%
How often have you been in a leadership role in a class group, or a school or community activity?	40.3%	43.1%

High School Time Allotment

In a typical week during your senior year, how many hours did you spend...

	% of Respondents Indicating Hours Spent					2002
	LT 1	1-5	6-10	11-15	16+	0-5 hrs
Studying or preparing for class on own	22.6	60.9	15.0	1.5	0.0	79.7
Studying or preparing for class with students	57.1	39.1	3.8	0.0	0.0	95.1
Socializing with friends	0.0	21.8	30.1	24.1	24.1	14.6
Working at a job for pay	22.6	7.5	15.0	18.0	36.8	29.8
Exercising or playing sports	16.5	15.8	23.3	18.0	26.3	30.1
Using computer/internet for recreation	13.5	50.4	22.6	6.8	6.8	58.5
Playing video games or watching T.V.	17.3	44.4	26.3	10.5	1.5	69.9
Participating in community activities	45.5	38.6	12.9	1.5	1.5	84.7

High School Learning Experiences

	2003		2002
	A Lot or Higher	Little/none or nothing	A Lot or Higher
Percent of students reporting amount learned in high school by:			
Talking and working with high school teachers	39.8%	14.3%	43.9%
Interacting with student groups	27.8%	23.3%	24.2%
Percent of students reporting how much they enjoyed learning in student groups	36.8%	22.6%	39.8%
Percent of students indicating how much effort they put into high school work	35.6%	13.6%	28.2%
Percent of students indicating time spent planning for future during last year of H.S.	50.4%	7.5%	54.5%

Student Confidence

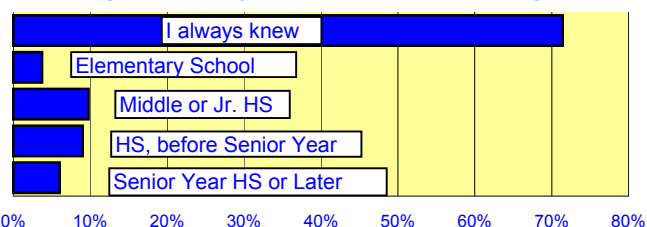
Student Confidence in Their Ability To:

	Very Good/ or Good	Not Very/ Not Good	Very Good/Good Chg over 2002
Use computers or the internet for school work or research	84.1%	3.0%	8.3%
Understand and respect cultures and attitudes of others	83.3%	2.3%	5.5%
Work with others on projects	82.6%	1.5%	0.5%
Find new ways to think about problems or topics	69.9%	0.0%	-8.1%
Evaluate opposing options or viewpoints	62.4%	1.5%	-6.7%
Effectively plan and manage your responsibilities	61.1%	0.8%	-5.1%
Effectively communicate your ideas by speaking	59.4%	5.3%	0.4%
Solve complex problems	49.2%	7.6%	4.9%
Organize, prioritize, and plan your time	48.5%	6.8%	7.0%
Effectively communicate your ideas in writing	46.6%	13.5%	10.0%
Intelligently discuss politics or current world events	46.2%	15.9%	-1.4%

NOTE: Good and Not Good columns do not add up to 100% because a "Neutral" option was offered.

Getting to College

% Indicating When They Decided to Attend College

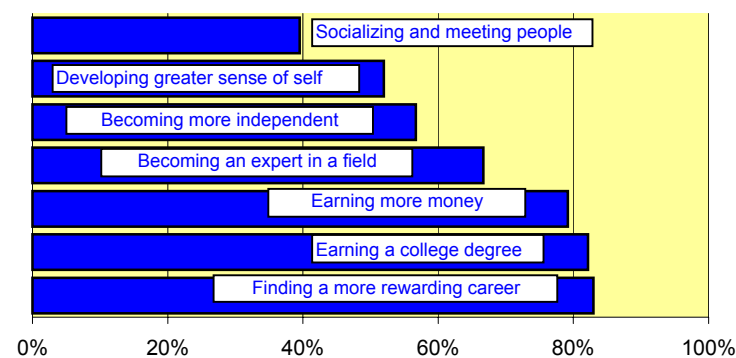


Financial Preparation: Student Perceptions of When Parents Began Saving for College

	2003	2002
Before student entered high school	23.5%	17.7%
During H.S. or later	9.1%	7.3%
Don't know when they started saving	27.3%	29.0%
Don't know if they saved	12.9%	14.5%
Parents didn't save, but are contributing	18.2%	21.0%
Does not apply	9.1%	10.5%

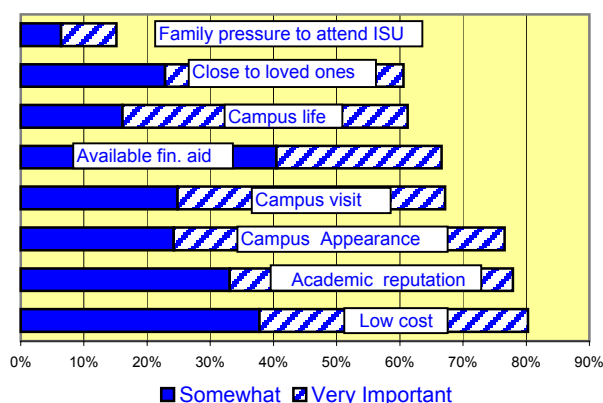
The College Decision

% of respondents indicating factors are a **very important** reason for deciding to go to college



The ISU Decision: Top Reasons for Deciding on ISU

% of respondents indicating somewhat or very important



65% of freshmen indicate most of their close friends from high school are attending college this year

17% of ISU freshman applied to institutions out of Indiana

37% indicate that 2 or more of their close friends are attending Indiana State this year

75% of freshmen indicate that their family is very supportive of their decision to attend ISU

	Top Choices of Tech. Freshmen	% Applied
ISU	67.0%	100.0%
Purdue	17.4%	33.1%
Non-Indiana Schools	9.6%	17.3%
Other Hoosier 4-year	1.7%	12.0%
Ball State	1.7%	11.3%
IU	1.7%	8.3%
Hoosier 2-year	0.0%	7.5%

Closer Look: About **60%** of Tech. freshmen applied to other schools. About **17%** applied to schools outside Indiana. Purdue remains ISU's greatest competitor in terms of applicants, with about 33% sending applications to both schools, followed by Non-IN schools. After ISU, Purdue was also considered the first choice of Tech. students who enrolled ISU this year.

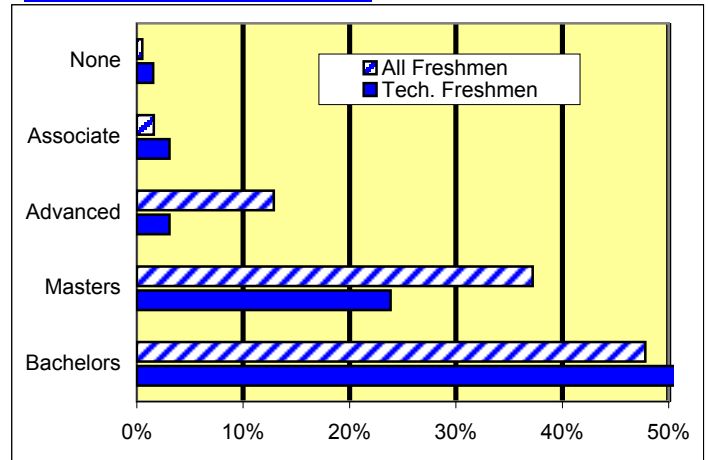
College Expectations

Academic Expectations

I expect college to help me improve my ability to:

	% Agree	
	Tech. Freshmen	All Freshmen
Find new ways to think about problems	93.8%	90.0%
Organize, prioritize, and plan my time	92.2%	88.0%
Effectively plan and manage my responsibilities	90.7%	87.2%
Understand and appreciate other cultures	89.1%	85.5%
Effectively communicate my ideas by speaking	88.4%	85.7%
Evaluate opposing points of view	87.6%	86.0%
Solve complex problems	87.6%	82.3%
Work with others on projects	86.8%	81.0%
Effectively communicate my ideas in writing	82.2%	83.3%
Use computers or the internet	82.2%	76.7%
Intelligently discuss politics or current events	74.4%	73.8%

Highest Degree Aspirations



Time Allocation Expectations

Hours Students Expect to Spend During their First Year of College:

						2002	
	0-5 hrs	6-10 hrs	11-15 hrs	16-20 hrs	20+ hrs	0-5 hrs	20+ hrs
Studying, researching, doing homework	10.9%	31.3%	25.8%	21.1%	10.9%	1.7%	26.3%
Meeting with students to prep for class	65.1%	27.1%	7.0%	0.0%	0.8%	53.1%	0.0%
Meeting with professors or instructors to discuss preparing for class	78.5%	16.2%	5.4%	0.0%	0.0%	73.9%	0.0%
Going to campus events	60.0%	26.9%	6.2%	3.8%	3.1%	65.7%	0.0%
Participating in campus organizations	72.9%	18.6%	7.8%	0.0%	0.8%	70.1%	0.9%
Socializing with:							
friends who are ISU students	22.7%	42.2%	21.9%	7.0%	6.3%	20.4%	8.7%
friends who are <u>not</u> ISU students	54.3%	27.1%	10.9%	7.0%	0.8%	54.2%	4.7%
Using a computer/internet for recreation	55.0%	24.0%	10.9%	4.7%	5.4%	58.0%	5.4%
Playing video games or watching T.V.	70.9%	17.3%	10.2%	1.6%	0.0%	73.9%	2.7%
Participating in sports or exercising	48.1%	33.3%	11.6%	4.7%	2.3%	38.1%	5.7%
Participating in community activities	89.1%	7.8%	2.3%	0.8%	0.0%	88.2%	0.0%
Working:							
in an off-campus job	58.1%	11.6%	13.2%	14.0%	3.1%	58.7%	10.7%
in an on-campus job	63.8%	21.5%	9.2%	5.4%	0.0%	66.4%	1.6%

Expectations That There is Some Chance of the Following Happening at ISU

	2003 Tech.	2003 All Freshmen		2003 Tech.	2003 All Freshmen
Join a fraternity or sorority	38.5%	50.5%	Transfer to another college	27.3%	33.3%
Fail one or more classes	7.7%	10.2%	Drop out permanently	0.8%	2.9%
Get tutoring help	67.4%	82.7%	Be satisfied with your college	98.5%	97.7%
Need extra time to complete degree	37.2%	50.7%	Be gainfully employed during first year	84.6%	82.7%
Graduate with honors	66.9%	65.5%			



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