

College of Technology

The Freshman Profile, Fall 2004

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

The survey instrument administered to Fall 2004 Freshman Sycamore Advantage participants was the same one administered to the previous Freshman class. A separate report provides a profile of the entire Fall 2004 Freshman cohort. The purpose of this report is to provide a profile of freshmen enrolled in the College of Technology (Tech.). The following results are based on the 125 freshmen in Technology who went through Sycamore Advantage in June and August 2004. These students represent 6.8% of the 1,851 new freshmen and 9.0% of the Freshman Profile respondent pool.

Age	2004	2003
% age 17-19	96.0%	96.2%
% age 20-25	2.4%	1.5%
% age 26-30	0.8%	0.8%
% age 31-35	0.8%	0.0%
% age 36 and over	0.0%	0.8%

Graduated from High School	2004	2003
This year	92.8%	94.7%
Last year	3.2%	4.5%
Two years ago	1.6%	0.0%
Three years ago	0.0%	0.0%
Four or more years ago	2.4%	0.8%

9.6% of Fall 2004 Technology freshmen are women

Racial Background	2004	2003
Black or African American	2.4%	9.8%
Native American	1.6%	1.5%
Caucasian	93.5%	86.4%
International	0.8%	0.0%
Hispanic	0.8%	0.8%
Asian American/Pacific Islander	0.8%	0.8%
Multiracial	0.0%	0.8%

Estimated Family Income	2004	2003
Under \$25,000	9.6%	8.3%
between \$25,000 & \$39,999	14.4%	17.3%
between \$40,000 & \$59,999	21.6%	23.3%
between \$60,000 & \$79,999	28.0%	24.8%
Between \$80,000 & \$99,999	8.8%	9.8%
\$100,000 or more	17.6%	16.5%

Area Lived In During High School	2004	2003
Rural area	24.8%	27.8%
Small town	41.6%	38.3%
Moderate city	14.4%	13.5%
Large city	3.2%	3.8%
Suburban area outside city	16.0%	16.5%

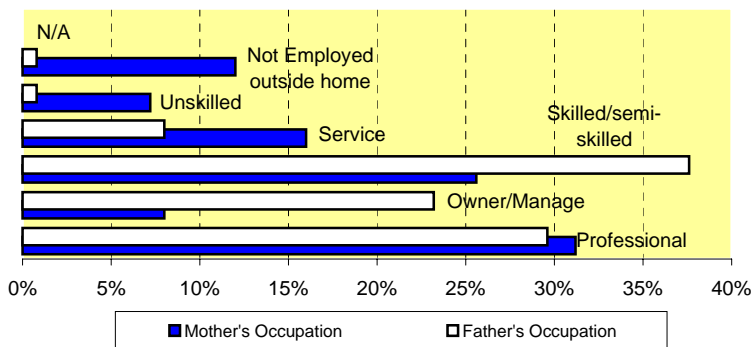
Are You the First of the Children in Your Family Going to College?	2004	2003
I am the only child	5.6%	4.5%
Yes, and I am the oldest	29.6%	31.8%
Yes, but I am not the oldest	15.2%	10.6%
No	49.6%	53.0%

59.2% : somewhat concerned about paying for college
14.4% : greatly concerned about paying for college

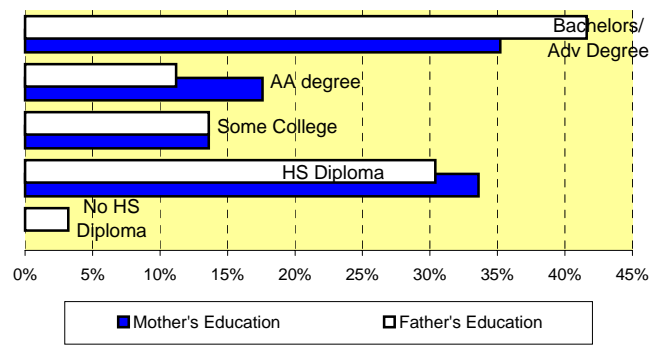
How Much Time Do You Spend Commuting from Your Home to ISU (one way)?	2004	2003
Live on campus	74.4%	71.4%
5 -30 minutes	17.6%	21.8%
More than 30 minutes	8.0%	6.8%

Family Background

Parental Occupation



Parental Education



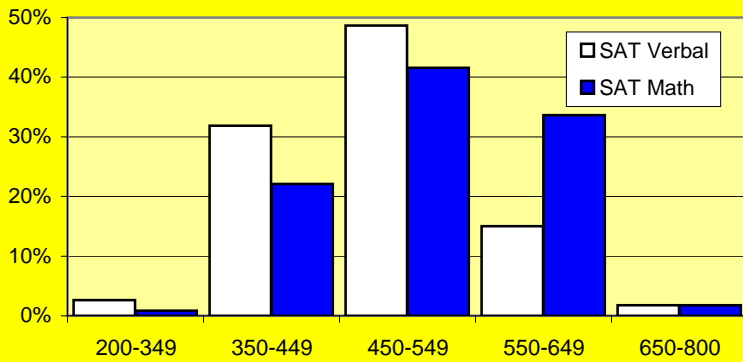
Family Ties to ISU Students

21% : Parents attended ISU
25% : Other close relative attended ISU
36% : Either parent or relative attended ISU

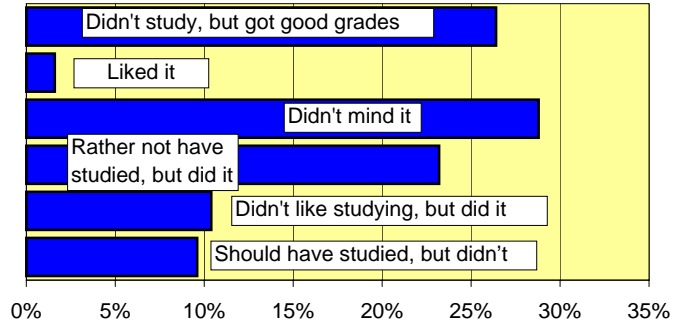
18% : Parents graduated from ISU
19% : Close relative graduated from ISU
28% : Either parent or relative graduated from ISU

Academics

Recentered Verbal & Math SAT Scores



Attitudes Toward Studying in High School



Which Academic Area Will Be Most Difficult for You?

	2004	2003
Communication (speech)	8.0%	9.9%
English Composition	37.6%	27.5%
Lab sciences (e.g. biology)	9.6%	7.6%
Mathematics	28.8%	38.2%
Others (e.g. art, economics, etc)	16.0%	16.8%

Academic Indicators

SAT SCORES

HS GPA

	Avg Verbal	Avg Math	Total Avg	Avg
2004	476	505	982	3.04
2003	476	501	977	3.06

76.0% of respondents majoring in Technology ranked their high school as being above average.

75.2% of Technology freshmen predicted that their first year GPA would be B or better.

High School Attitudes:

	Strongly Agree/Agree			Strongly Agree/Agree	
	2004	2003		2004	2003
I did well in a variety of subjects	84.0%	85.5%	I only tried hard in my favorite classes	44.8%	40.2%
I was interested in many subjects	56.0%	54.2%	I was only good at one or two subjects	35.2%	42.7%
I learned a lot from doing class assignments	60.8%	64.4%	A lot of what I learned in school can be applied to the real world	52.0%	53.8%
I enjoyed participating in social activities	72.8%	74.2%	I liked being in high school	71.2%	68.9%

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

	2004	2003
In high school, how often could personal experiences confirm or verify ideas presented in class?	49.6%	40.8%
During high school, how often did you feel "stressed" or overwhelmed by all your responsibilities?	28.8%	27.7%
How often have you been in a leadership role in a class group, or a school or community activity?	40.0%	40.3%

High School Time Allotment

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

	% of Respondents Indicating Hours Spent					2003
	LT 1	1-5	6-10	11-15	16+	0-5 hrs
Studying or preparing for class on own	23.2	56.8	14.4	3.2	2.4	83.5
Studying or preparing for class with students	61.6	34.4	3.2	0.8	0.0	96.2
Socializing with friends	0.8	17.6	26.4	21.6	33.6	21.8
Working at a job for pay	22.4	8.8	8.8	16.8	43.2	30.1
Exercising or playing sports	10.4	22.4	20.0	23.2	24.0	32.3
Using computer/internet for recreation	16.0	31.2	30.4	8.8	13.6	63.9
Playing video games or watching T.V.	20.0	37.6	24.0	7.2	11.2	61.7
Participating in community activities	39.2	35.2	19.2	5.6	0.8	84.1

High School Learning Experiences

	2004		2003
	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	52.0%	8.0%	39.8%
Interacting with student groups	24.0%	28.8%	27.8%
Percent of students reporting how much they enjoyed learning in student groups	40.8%	19.2%	36.8%
Percent of students indicating how much effort they put into high school work	43.2%	8.8%	35.6%
Percent of students indicating time spent planning for future during last year of H.S.	52.0%	7.2%	50.4%

Student Confidence

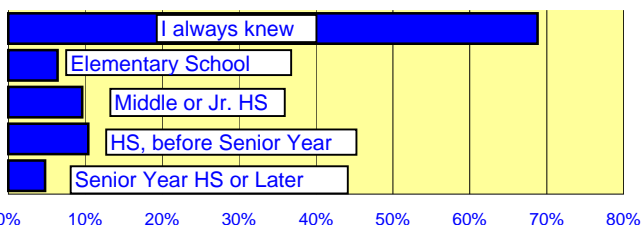
Student Confidence in Their Ability To:

	Very Good/ or Good	Not Very/ Not Good	Very Good/Good Chg over 2003
Use computers or the internet for school work or research	78.4%	3.2%	-5.7%
Understand and respect cultures and attitudes of others	74.4%	4.8%	-8.9%
Work with others on projects	73.6%	0.8%	-9.0%
Find new ways to think about problems or topics	71.2%	1.6%	1.3%
Evaluate opposing options or viewpoints	61.6%	2.4%	-0.8%
Effectively plan and manage your responsibilities	60.8%	2.4%	-0.3%
Effectively communicate your ideas by speaking	55.2%	9.6%	-4.2%
Organize, prioritize, and plan your time	51.2%	11.2%	2.7%
Solve complex problems	48.8%	8.8%	-0.4%
Effectively communicate your ideas in writing	42.4%	12.0%	-4.2%
Intelligently discuss politics or current world events	40.8%	24.8%	-5.4%

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

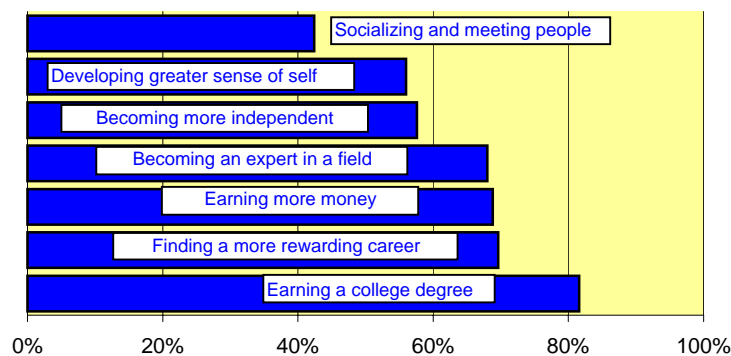


Financial Preparation: Student Perceptions of When Parents Began Saving for College

	2004	2003
Before student entered high school	28.8%	23.5%
During H.S. or later	5.6%	9.1%
Don't know when they started saving	28.8%	27.3%
Don't know if they saved	12.0%	12.9%
Parents didn't save, but are contributing	18.4%	18.2%
Does not apply	6.4%	9.1%

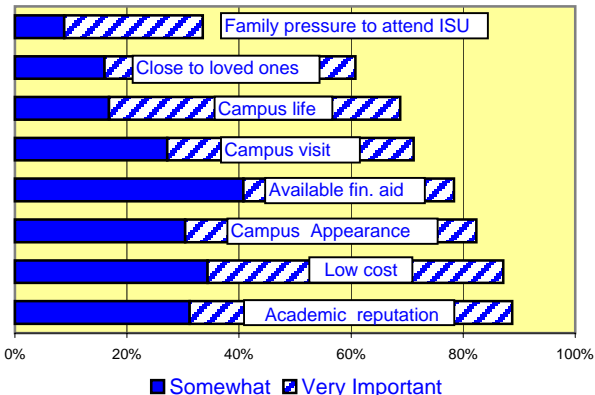
The College Decision

% 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



62% of freshmen indicate most of their close friends from high school are attending college this year

16% of ISU freshman applied to institutions out of Indiana

42% indicate that 2 or more of their close friends are attending Indiana State this year

74% of freshmen indicate that their family is very supportive of their decision to attend ISU

	Top Choices of Tech. Freshmen	% Applied
ISU	70.5%	100.0%
Purdue	16.4%	32.0%
Other Hoosier 4-year	0.8%	17.6%
Non-Indiana Schools	4.9%	16.0%
Ball State	0.8%	11.2%
Hoosier 2-year	0.0%	11.2%
IU	3.3%	8.0%

Closer Look: About **55%** of Tech. freshmen applied to other schools. About **16%** applied to schools outside Indiana. Purdue remains ISU's greatest competitor in terms of applicants, with about 32% sending applications to both schools, followed by other-IN schools. After ISU, Purdue was also considered the first choice of Tech. students who enrolled ISU this year.

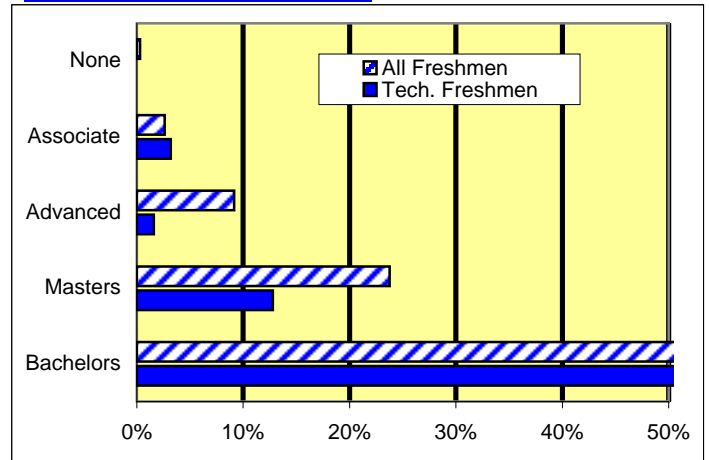
College Expectations

Academic Expectations

I expect college to help me improve my ability to:

	% Agree	
	Tech. Freshmen	All Freshmen
Effectively plan and manage my responsibilities	90.4%	91.3%
Organize, prioritize, and plan my time	86.4%	91.1%
Find new ways to think about problems	85.6%	91.1%
Effectively communicate my ideas by speaking	84.0%	89.1%
Solve complex problems	83.2%	85.1%
Understand and appreciate other cultures	81.6%	87.3%
Evaluate opposing points of view	80.0%	87.9%
Work with others on projects	78.4%	84.3%
Use computers or the internet	75.2%	77.7%
Effectively communicate my ideas in writing	74.4%	86.3%
Intelligently discuss politics or current events	72.0%	77.6%

Highest Degree Aspirations



Time Allocation Expectations

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

						2003	
	0-5 hrs	6-10 hrs	11-15 hrs	16-20 hrs	20+ hrs	0-5 hrs	20+ hrs
Studying, researching, doing homework	11.2%	18.4%	28.0%	20.0%	22.4%	10.9%	10.9%
Meeting with students to prep for class	51.2%	31.2%	12.8%	3.2%	1.6%	65.1%	0.8%
Meeting with professors or instructors to discuss preparing for class	65.6%	24.0%	6.4%	1.6%	2.4%	78.5%	0.0%
Going to campus events	51.2%	27.2%	12.0%	7.2%	2.4%	60.0%	3.1%
Participating in campus organizations	63.2%	21.6%	7.2%	6.4%	1.6%	72.9%	0.8%
Socializing with:							
friends who are ISU students	25.6%	28.8%	24.8%	10.4%	10.4%	22.7%	6.3%
friends who are <u>not</u> ISU students	47.2%	28.8%	16.8%	4.0%	3.2%	54.3%	0.8%
Using a computer/internet for recreation	38.7%	29.0%	12.9%	7.3%	12.1%	55.0%	5.4%
Playing video games or watching T.V.	65.6%	20.8%	10.4%	1.6%	1.6%	70.9%	0.0%
Participating in sports or exercising	45.6%	32.8%	12.8%	3.2%	5.6%	48.1%	2.3%
Participating in community activities	79.2%	12.8%	4.8%	0.8%	2.4%	89.1%	0.0%
Working:							
in an off-campus job	64.8%	8.0%	12.0%	6.4%	8.8%	58.1%	3.1%
in an on-campus job	66.9%	18.5%	8.9%	4.8%	0.8%	63.8%	0.0%

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

	2004 Tech.	2004 All Freshmen		2004 Tech.	2004 All Freshmen
Join a fraternity or sorority	52.0%	48.6%	Transfer to another college	27.2%	31.9%
Fail one or more classes	9.6%	9.6%	Drop out permanently	6.4%	3.6%
Get tutoring help	72.0%	80.2%	Be satisfied with your college	98.4%	97.9%
Need extra time to complete degree	49.6%	52.6%	Be gainfully employed during first year	85.6%	85.6%
Graduate with honors	74.2%	68.5%			



Office of Strategic Planning,
Institutional Research and Effectiveness

Should you have any comments or questions regarding this material, please contact us at x2305.