



FIRST GENERATION STUDENTS IN THE 2007 SAT[®] COHORT

**College Board Northeast Regional Forum
February 4, 2008**

John Lee

jlee@collegeboard.org

Andrew Wiley

awiley@collegeboard.org

connect to college success™
www.collegeboard.com

First Generation Students

- First Generation students are an important and unique segment of the college-bound population.
- First Generation students are less likely to enroll in college than those students whose parents have college degrees.
- First Generation students have been found to be at a disadvantage in terms of post-secondary access and degree attainment.

First Generation Students

- First Generation students receive less guidance from their parents in college and may be less knowledgeable about the college application process.
- First Generation students who are also minority students are particularly important since both groups have been traditionally underrepresented in higher education.
- There is expected to be a growing number of students from under-represented minorities within the next 10-15 years, especially Hispanic students.

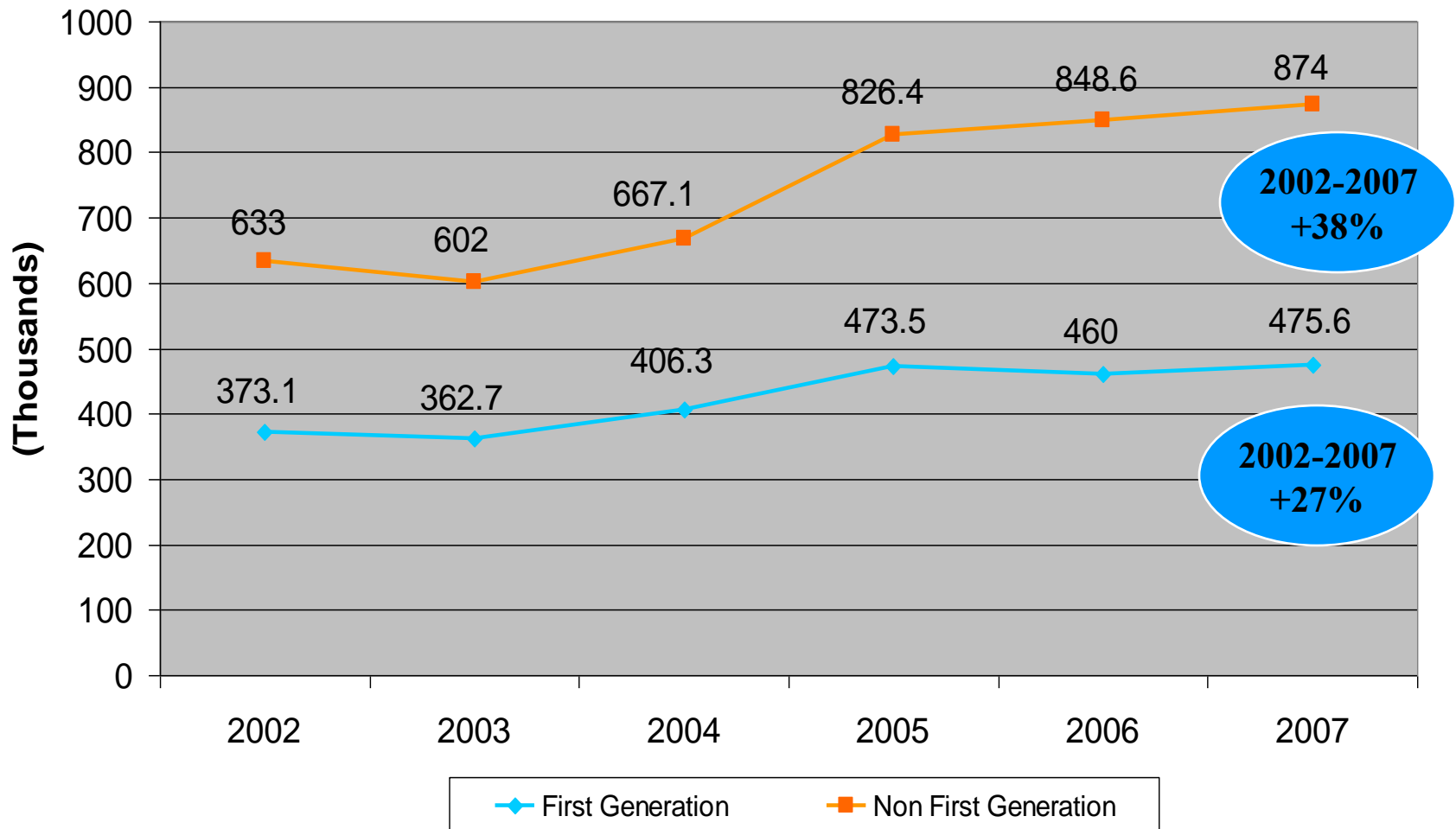
Defining First Generation Students in the 2007 SAT[®] Cohort

- First Generation students are defined as students whose highest level of parental education for both parents is less than an associates degree.
- Information was gathered from student responses to the SAT[®] Questionnaire.
- SAT[®] Cohort is made up of college bound students who took the SAT Reasoning Test[™] anytime before high school graduation in 2007.

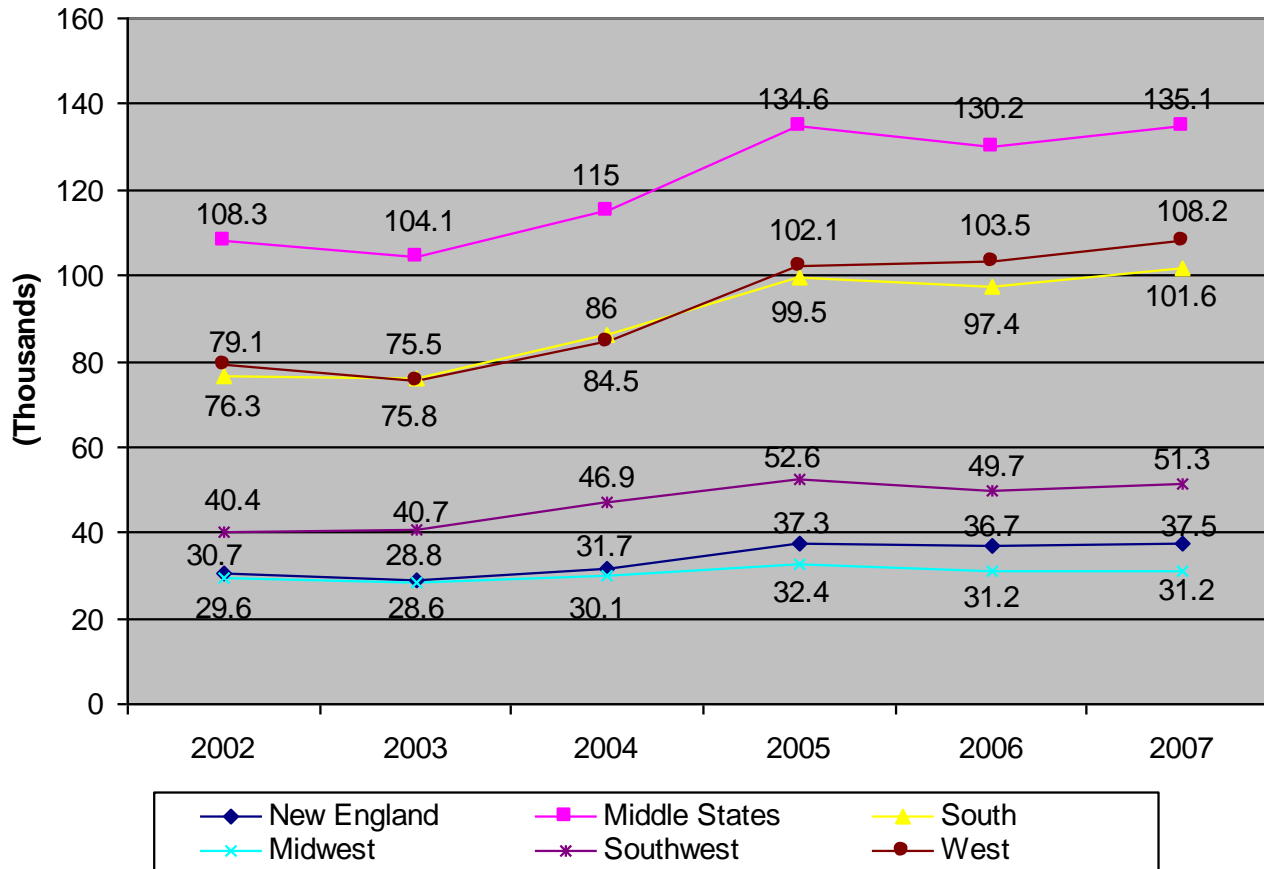
Overview of First Generation Students in the 2007 SAT[®] Cohort

- Description of First Generation Students
 - Size and Growth
 - Gender
 - Ethnicity
 - Income
- Academic Preparation, College Plans and Aspirations
 - SAT Mean Scores
 - Degree Level Goals
 - Core Curriculum
 - Rigorous Math and Science Courses
 - Plans to Seek Help
 - College Location Choice
 - Housing Plans
 - Plans to Work Part Time

First Generation and Non First Generation Students in the SAT[®] Cohort: Total Group 2002-2007



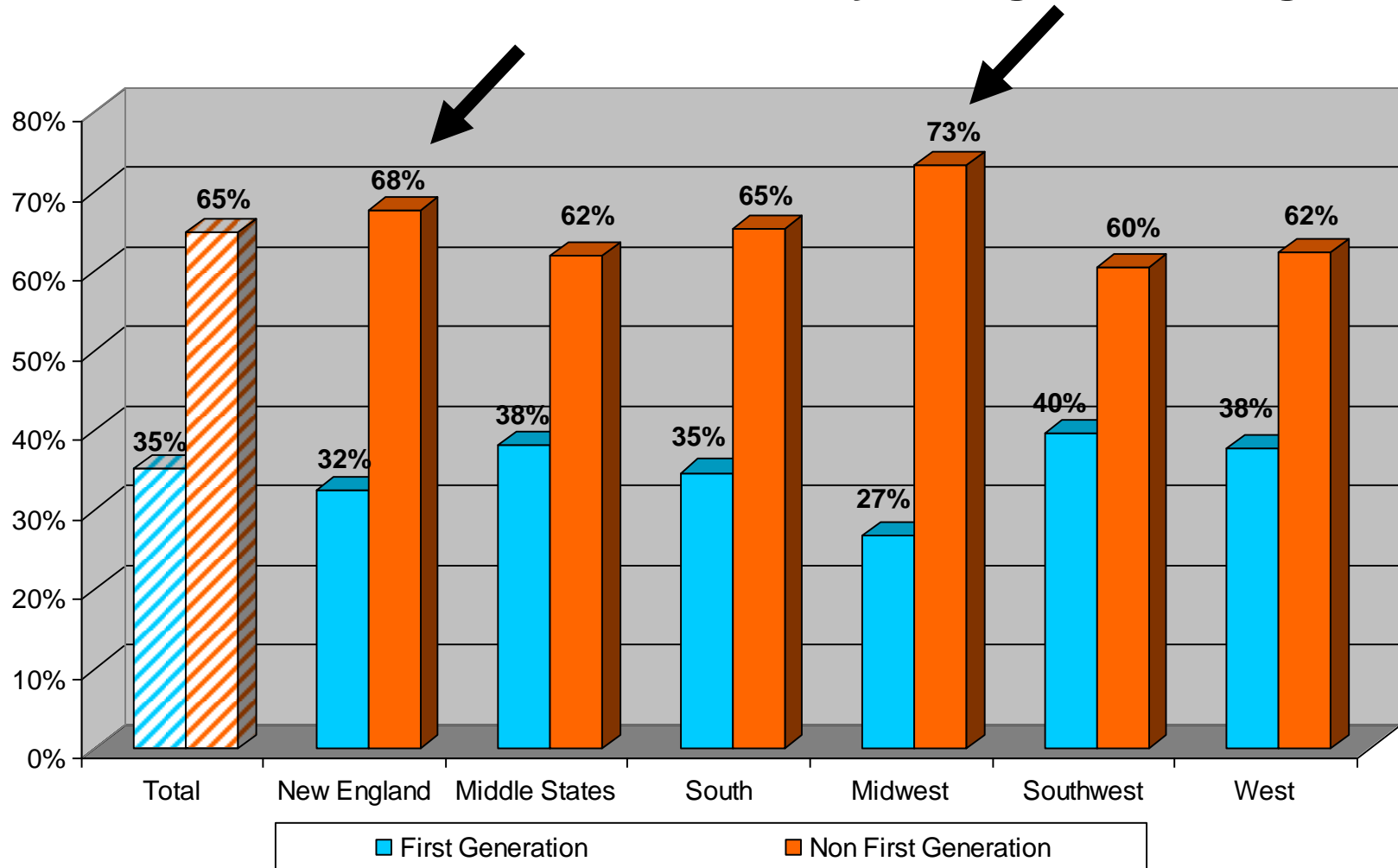
First Generation College Students in the SAT[®] Cohort by College Board Region 2002-2007



Change in Number of First Generation Students

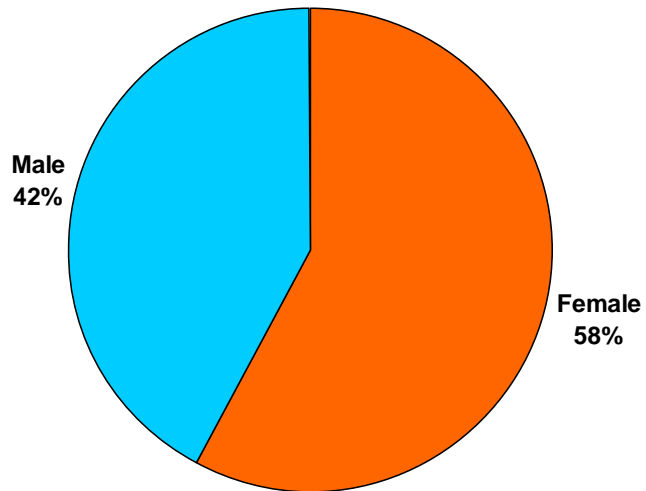
Region	% Diff 2002-2007
New England	+22%
Middle States	+25%
South	+33%
Midwest	+5%
Southwest	+27%
West	+37%

Percent of First Generation and Non First Generation College Students in the 2007 SAT® Cohort by College Board Region

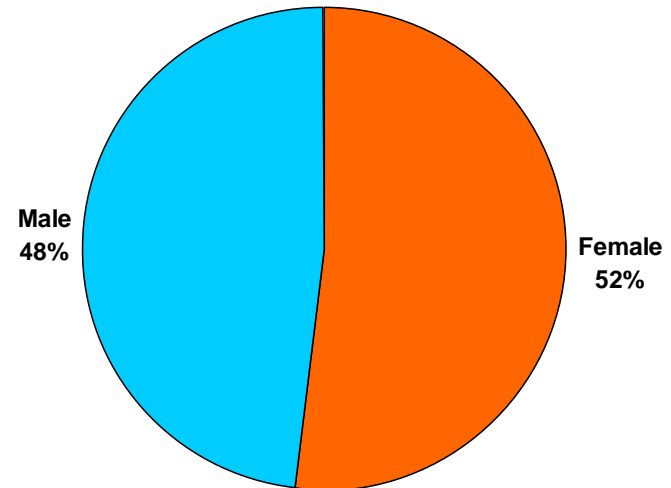


First Generation and Non First Generation College Students in the 2007 SAT® Cohort by Gender

First Generation

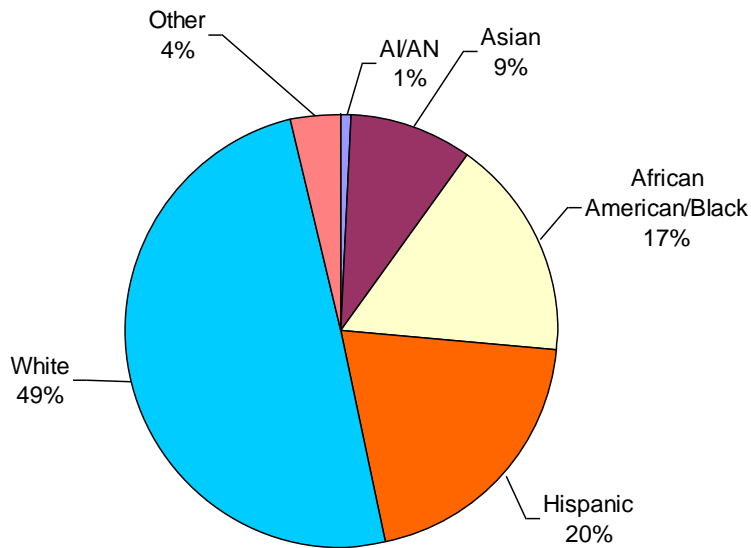


Non First Generation

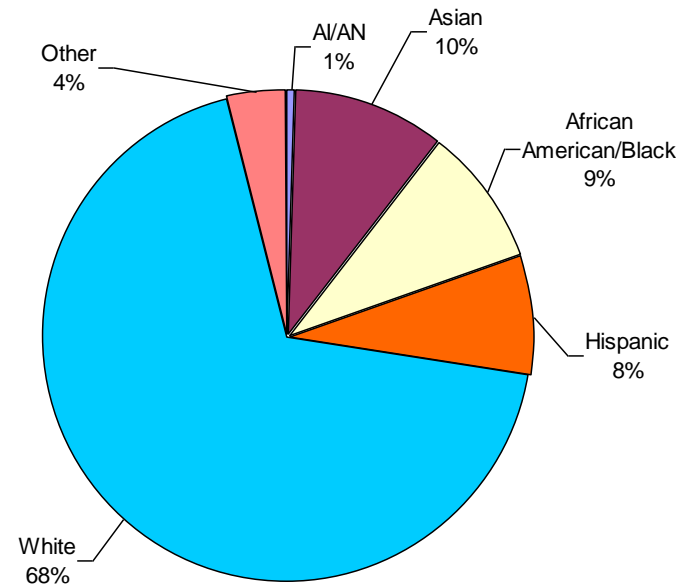


First Generation and Non First Generation College Students in the 2007 SAT® Cohort by Ethnicity

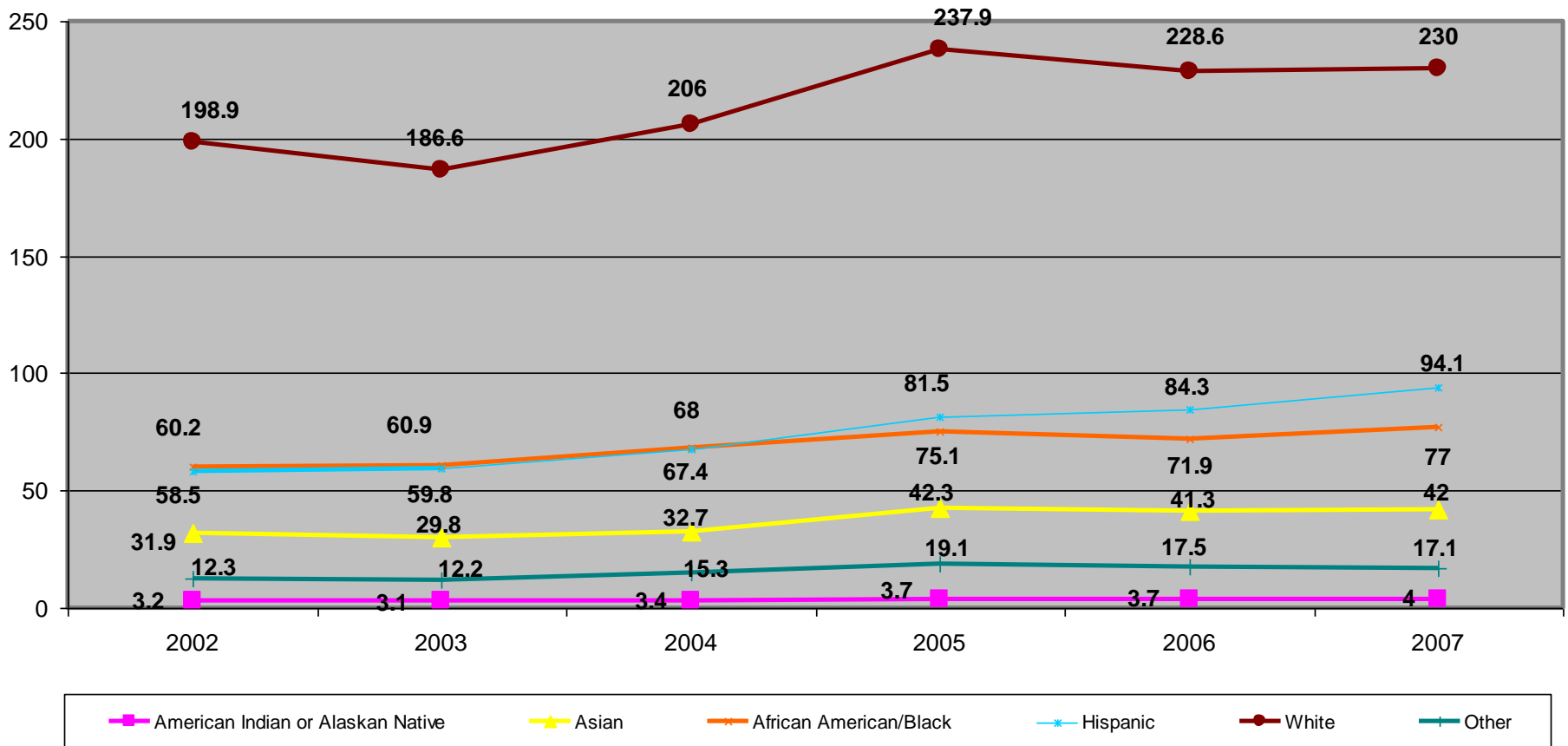
Percent of First Generation



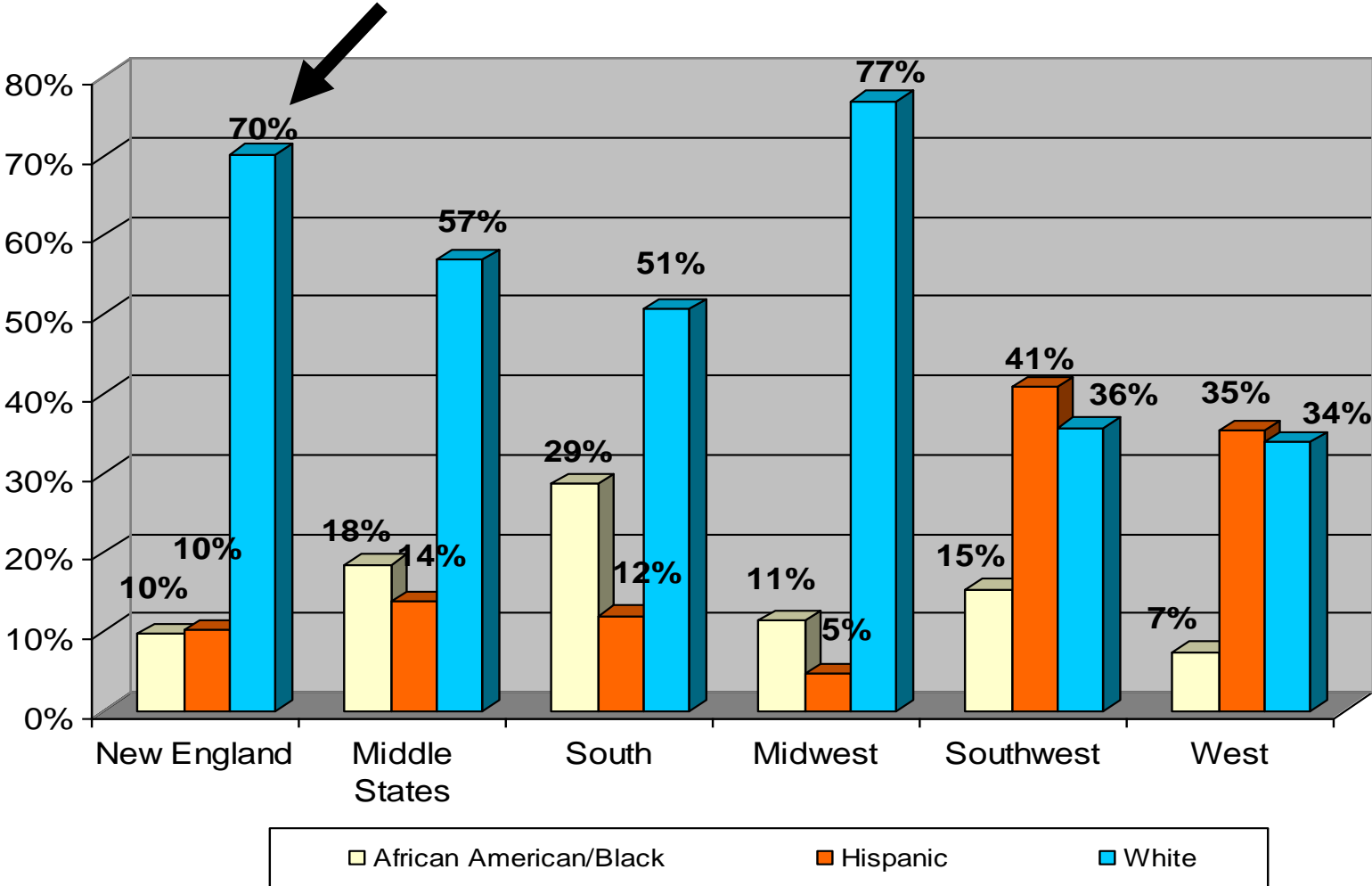
Percent of Non First Generation Students



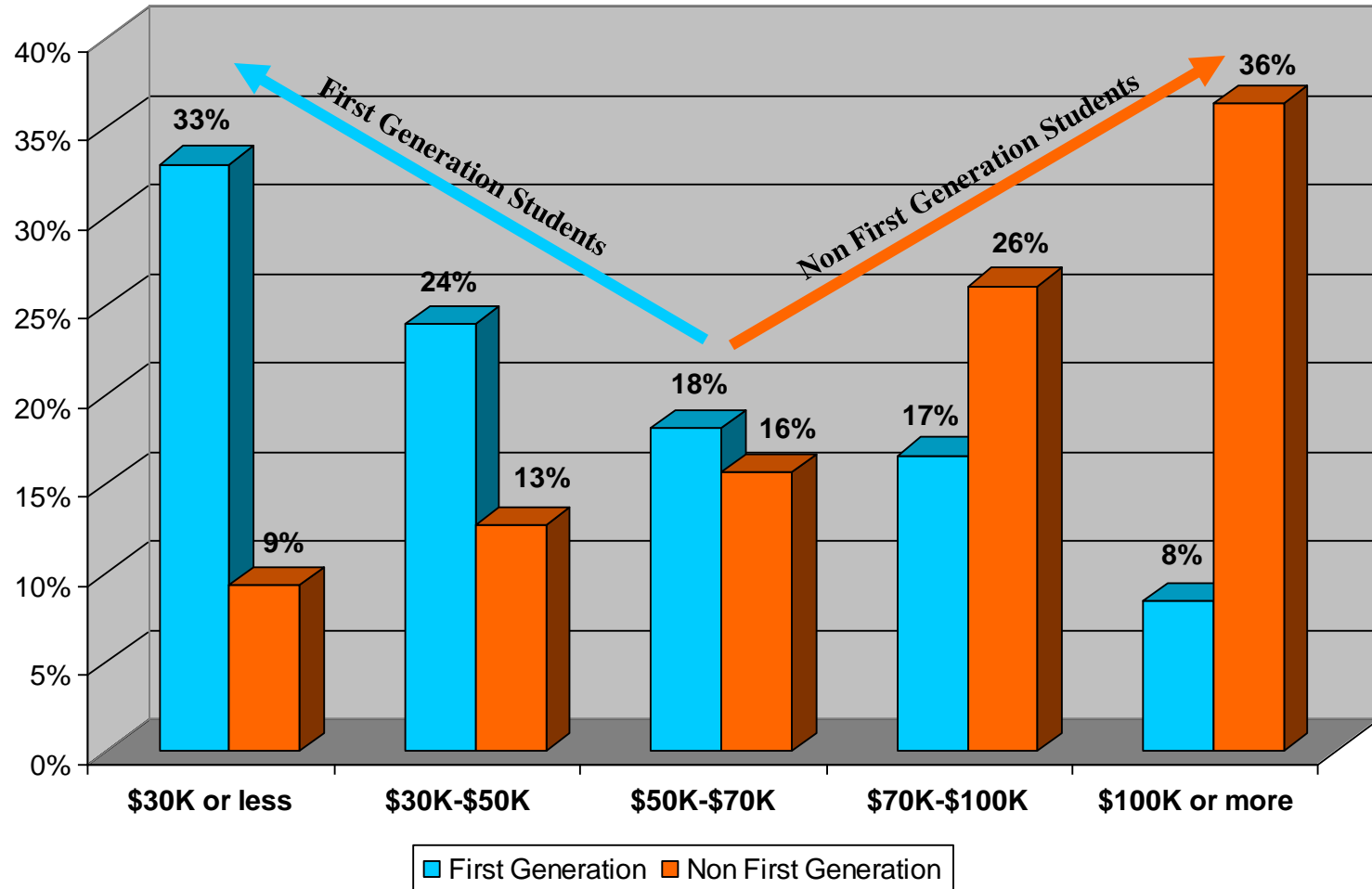
First Generation Students in the SAT[®] Cohort 2002- 2007 by Ethnicity



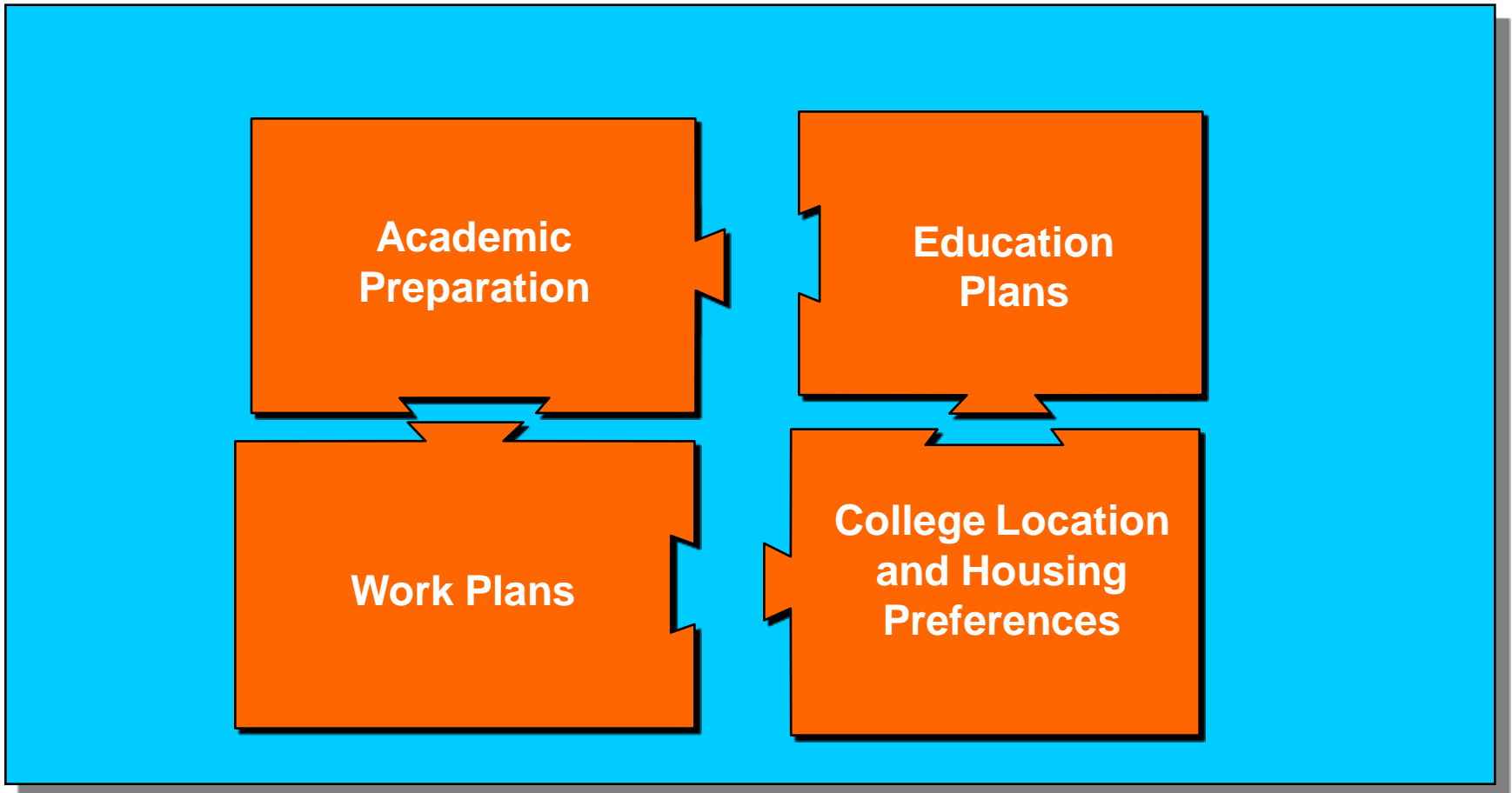
First Generation College Students in the 2007 SAT® Cohort by Ethnicity and College Board Region



Household Income by First Generation Status in the 2007 SAT® Cohort



College Aspirations and Plans for First Generation Students in the 2007 SAT® Cohort



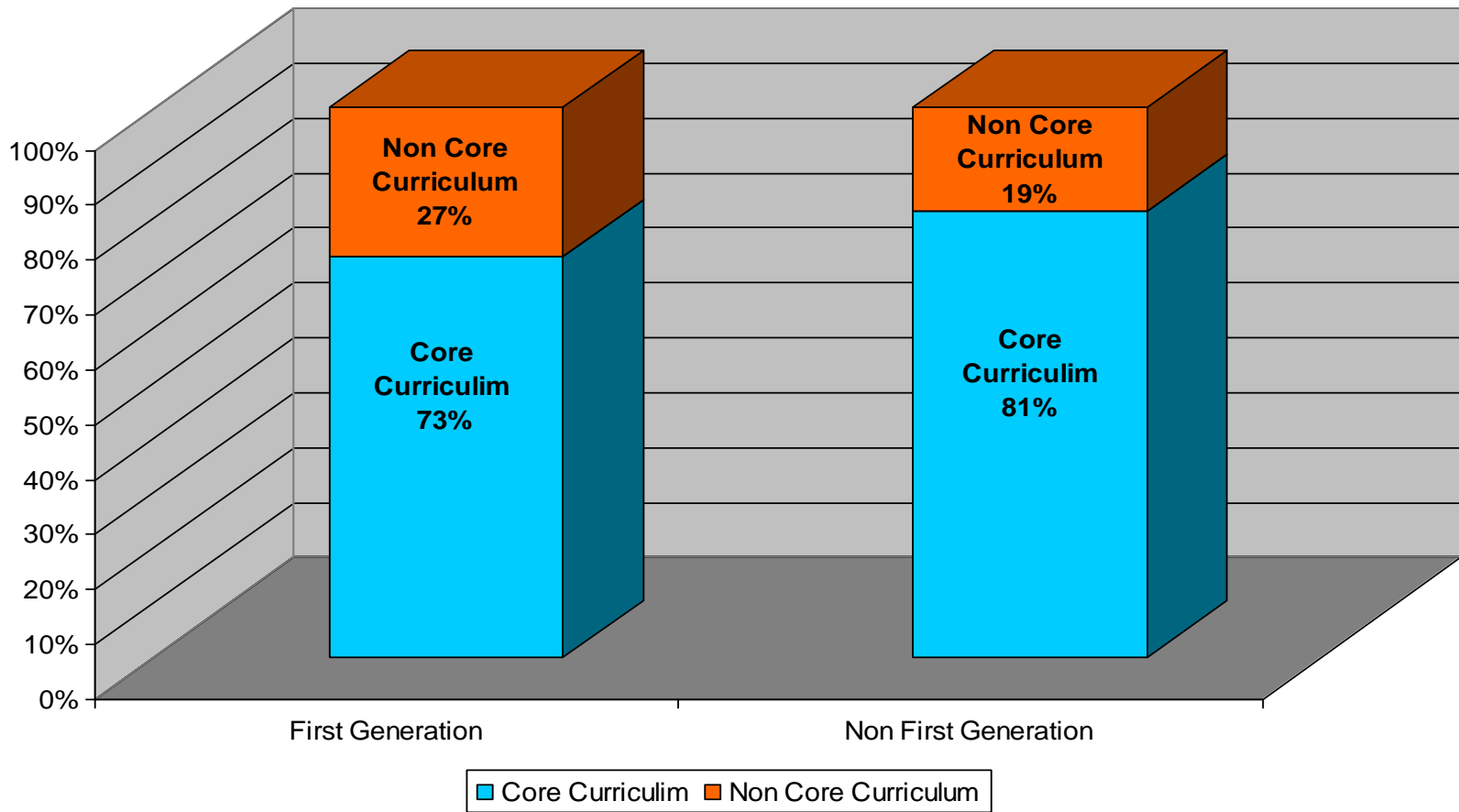
2007 SAT[®] Mean Scores by First Generation Status

National: 2007 SAT Mean Scores for First Generation and Non First Generation Students			
SAT Mean Scores	Critical Reading	Mathematics	Writing
Total			
First Generation	461	472	452
Non-First Generation	532	542	524
Males			
First Generation	462	491	446
Non-First Generation	532	558	515
Females			
First Generation	460	459	458
Non-First Generation	533	528	531

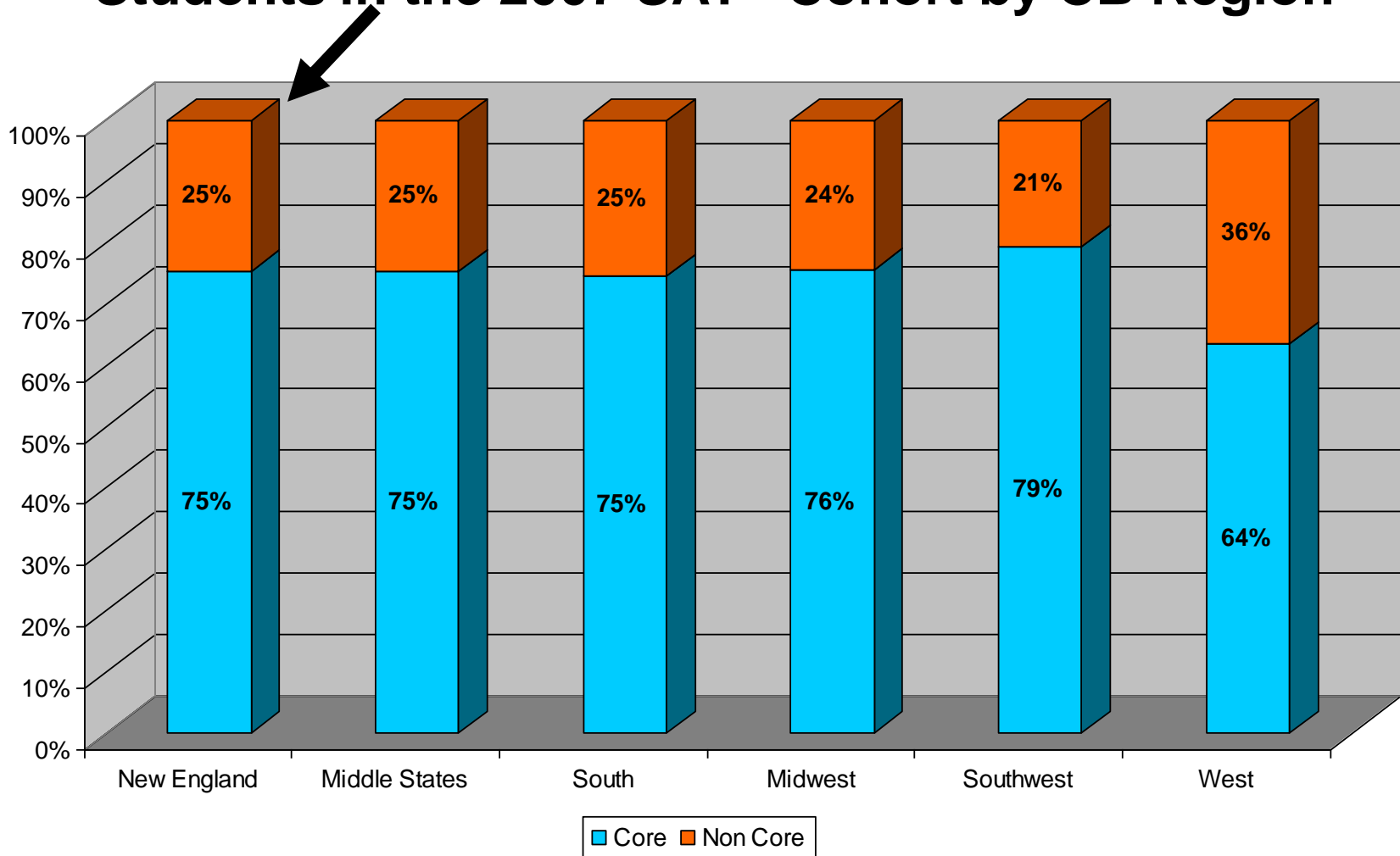
2007 SAT[®] Mean Scores by First Generation Status and CB Region

National: 2007 SAT Mean Scores for First Generation and Non First Generation Students			
SAT Mean Scores	Critical Reading	Mathematics	Writing
New England			
First Generation	462	468	459
Non-First Generation	538	542	536
Middle States			
First Generation	455	466	447
Non-First Generation	526	535	519
Midwest			
First Generation	484	493	470
Non-First Generation	559	568	546
South			
First Generation	463	466	494
Non-First Generation	525	527	512
Southwest			
First Generation	453	470	446
Non-First Generation	526	538	516
West			
First Generation	462	477	457
Non-First Generation	539	549	531

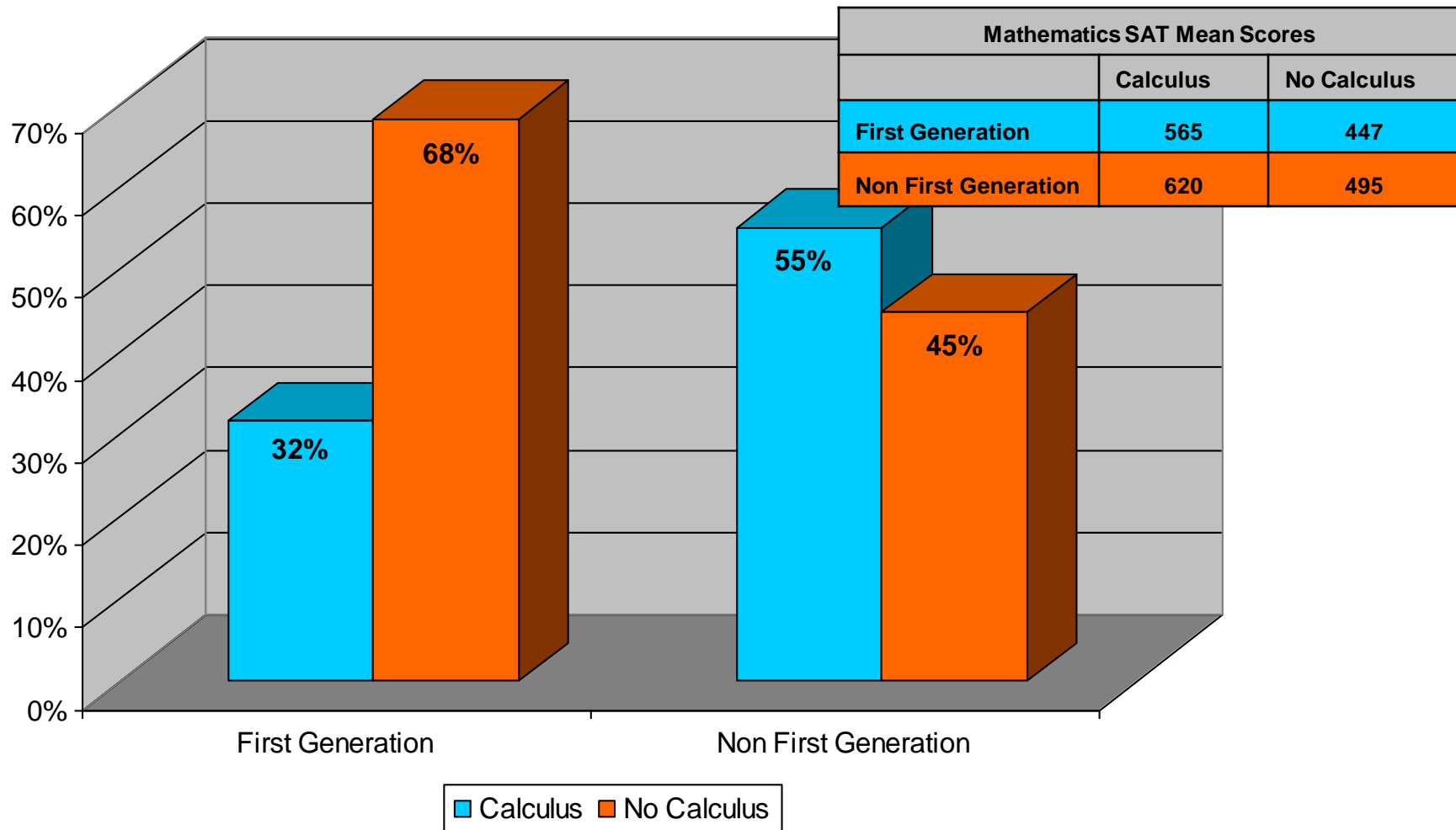
Academic Preparation of First Generation and Non First Generation College Students in the 2007 SAT® Cohort



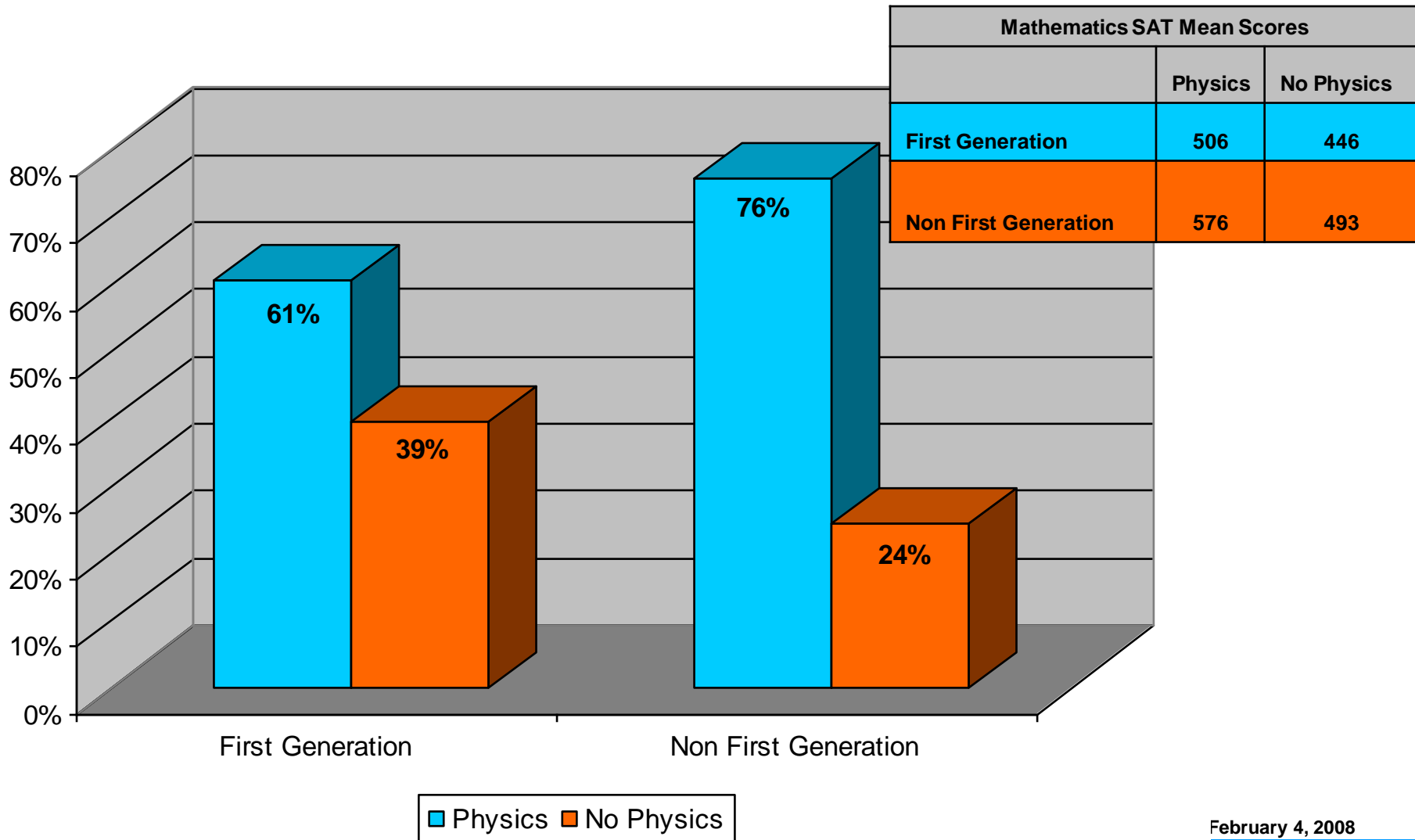
Academic Preparation of First Generation College Students in the 2007 SAT[®] Cohort by CB Region



Level of College Preparation by First Generation Status in the 2007 SAT® Cohort – Calculus Course Taken

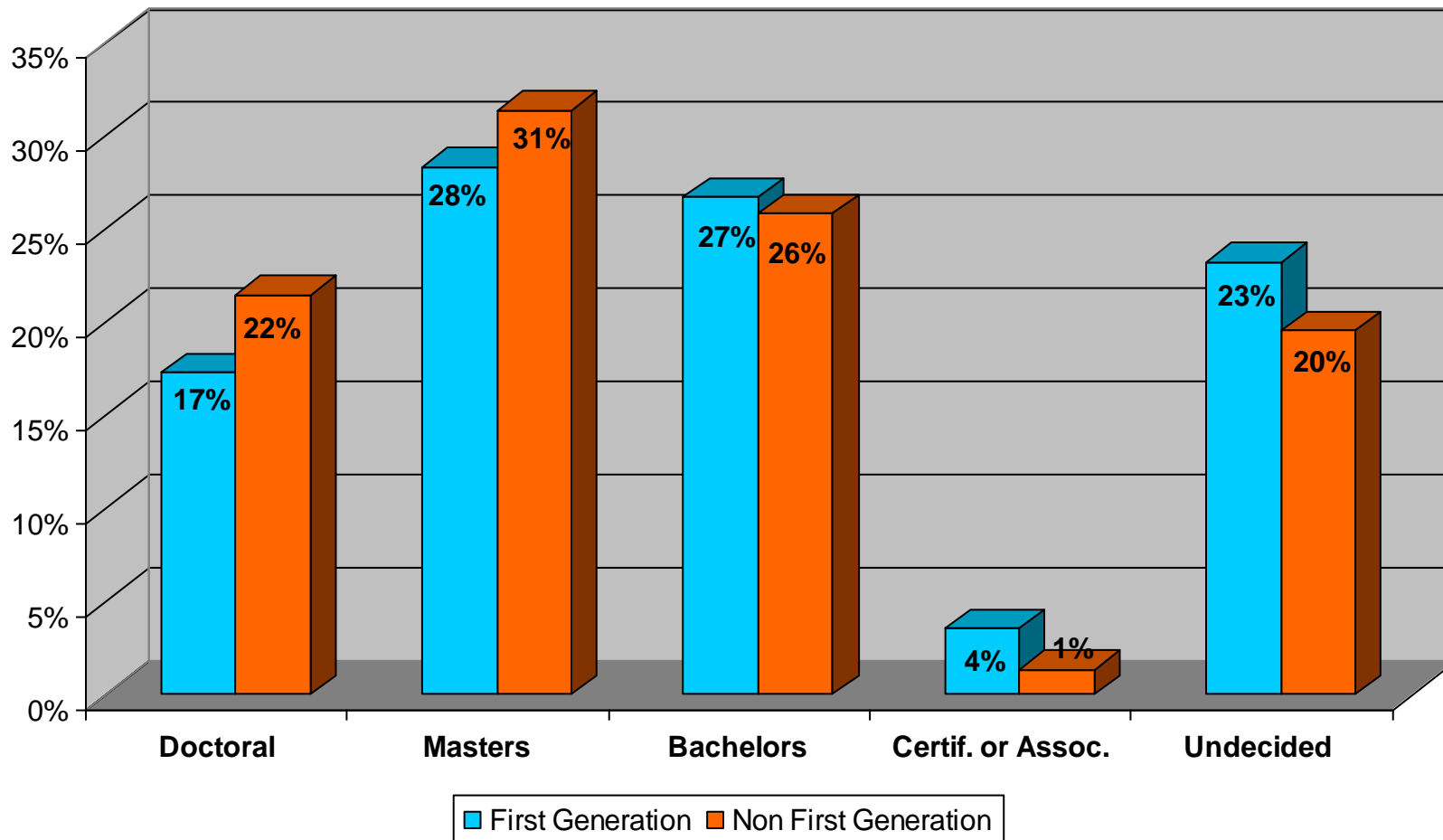


Level of College Preparation by First Generation Status in the 2007 SAT[®] Cohort – Physics Course Taken

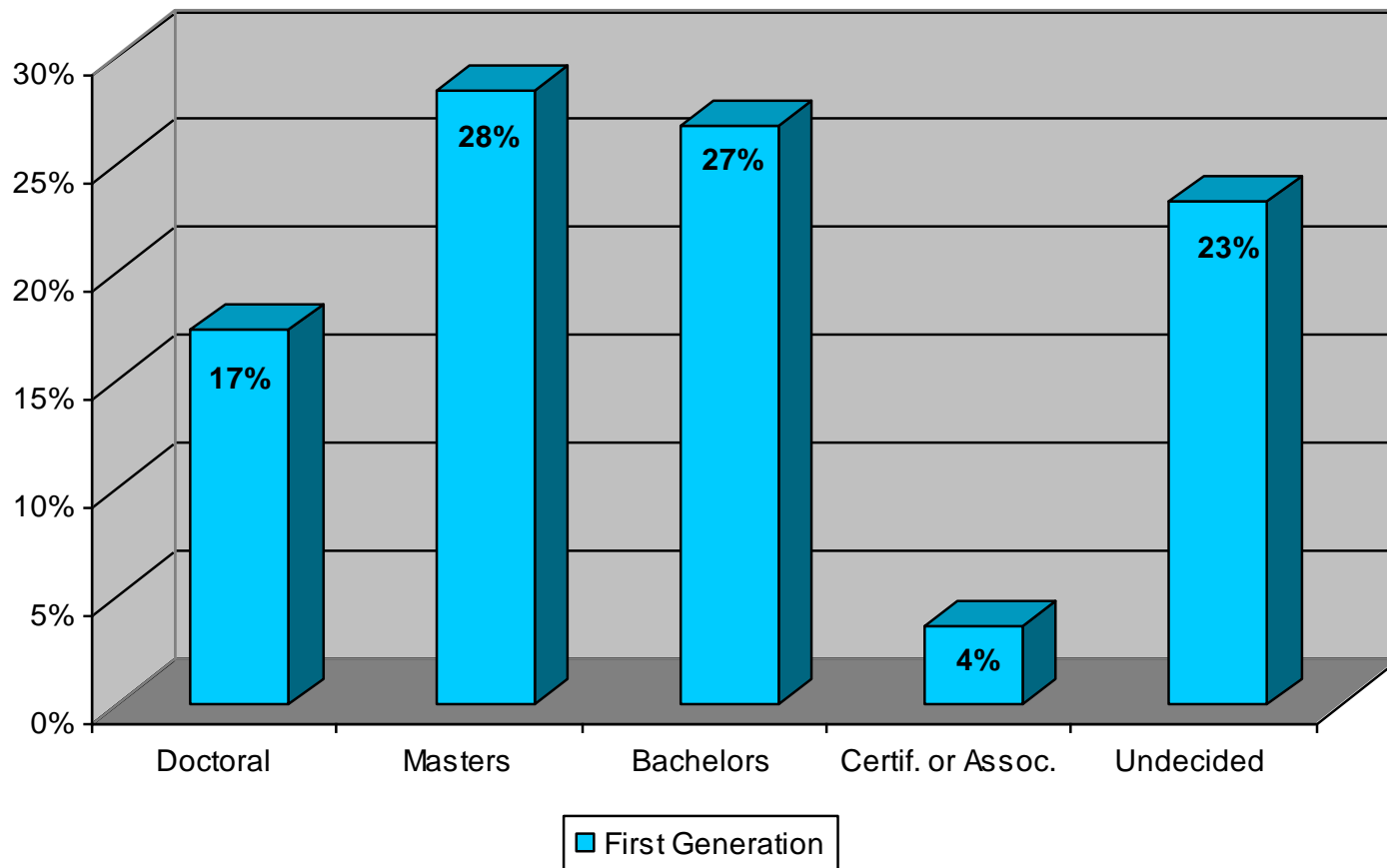


February 4, 2008

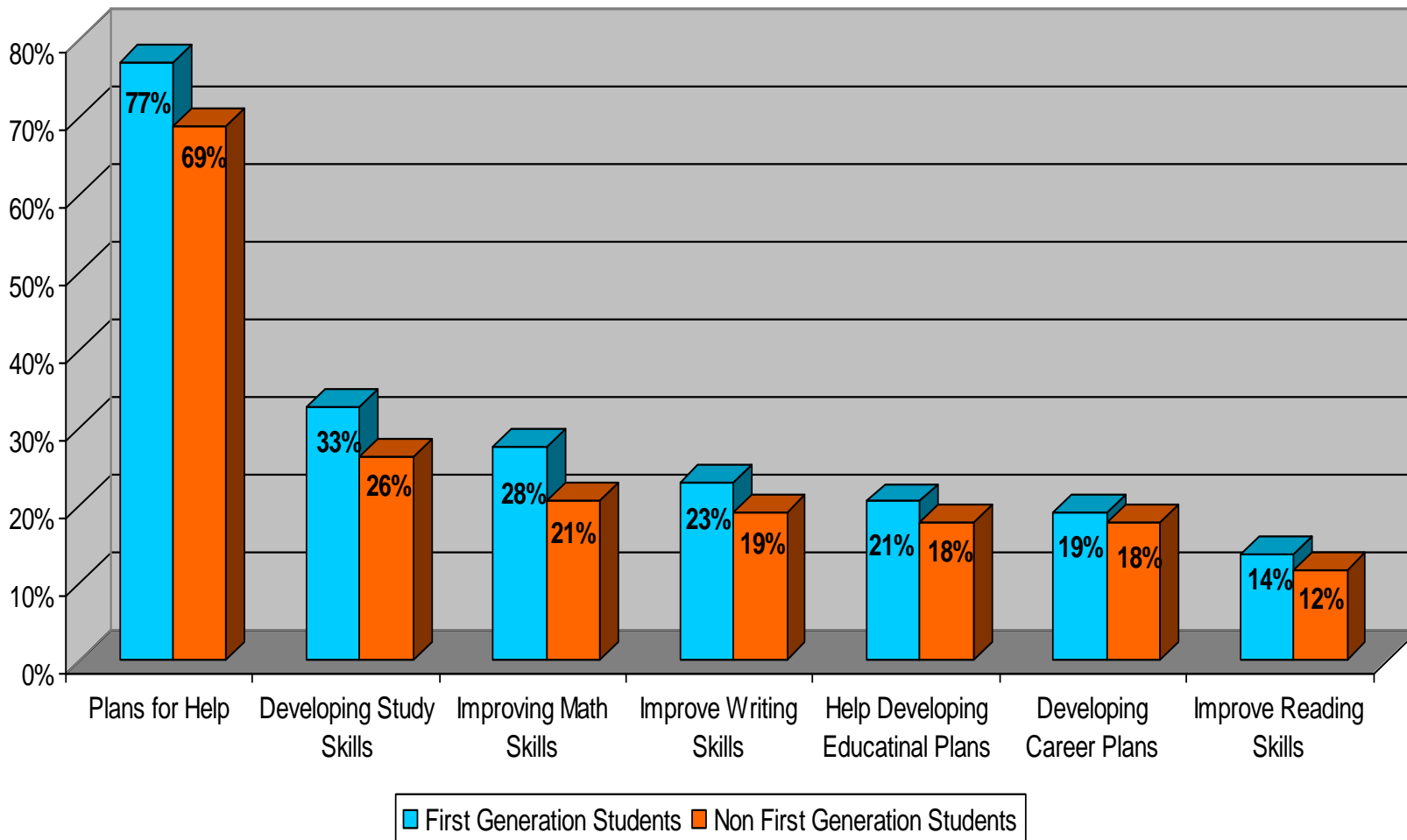
Degree Level Goals of First Generation and Non First Generation College Students in the 2007 SAT® Cohort



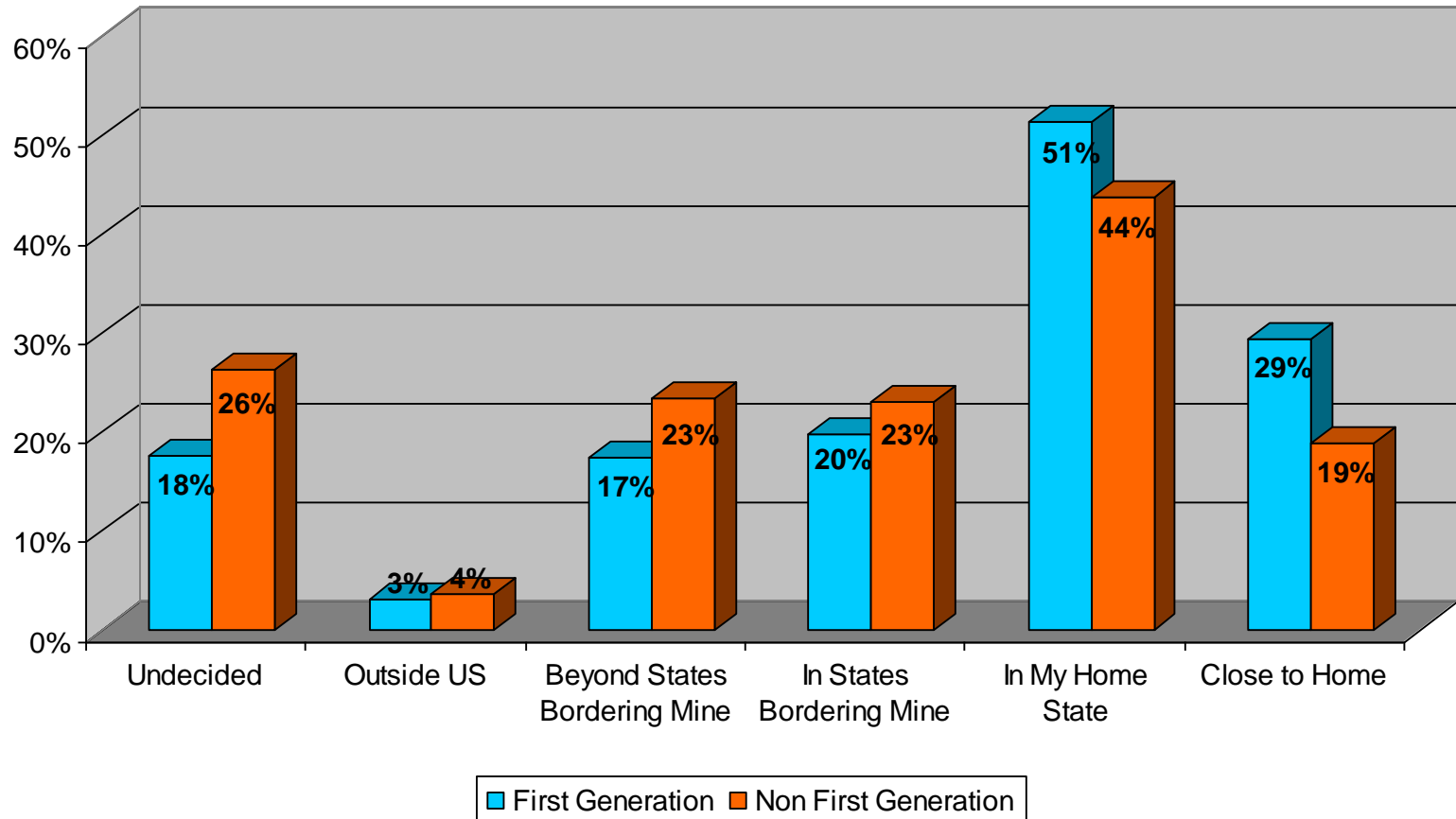
Degree Level Goals of First Generation College Students in the 2007 SAT[®] Cohort



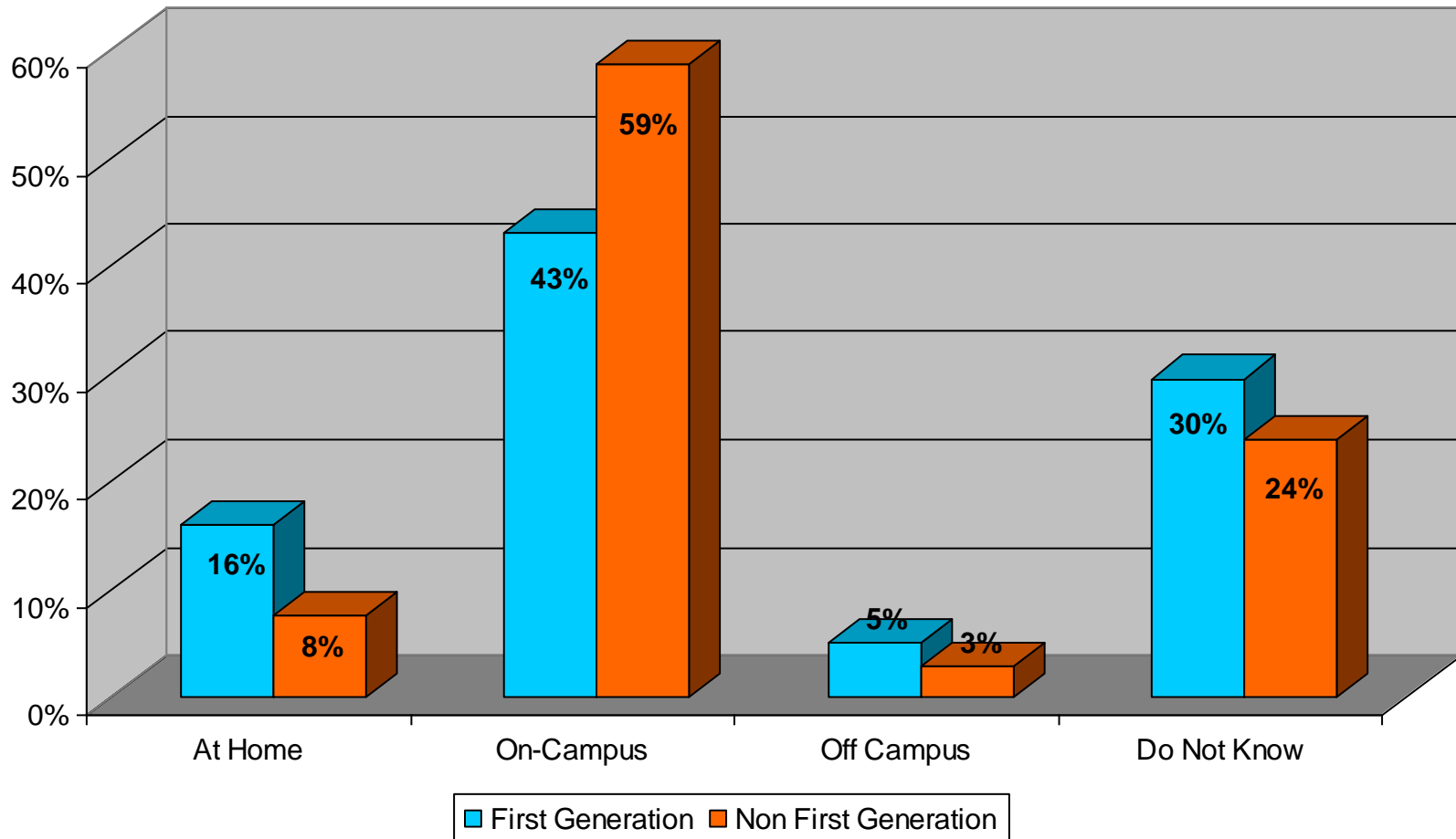
First Generation Student Plans to Seek Help Outside Regular Coursework During College 2007



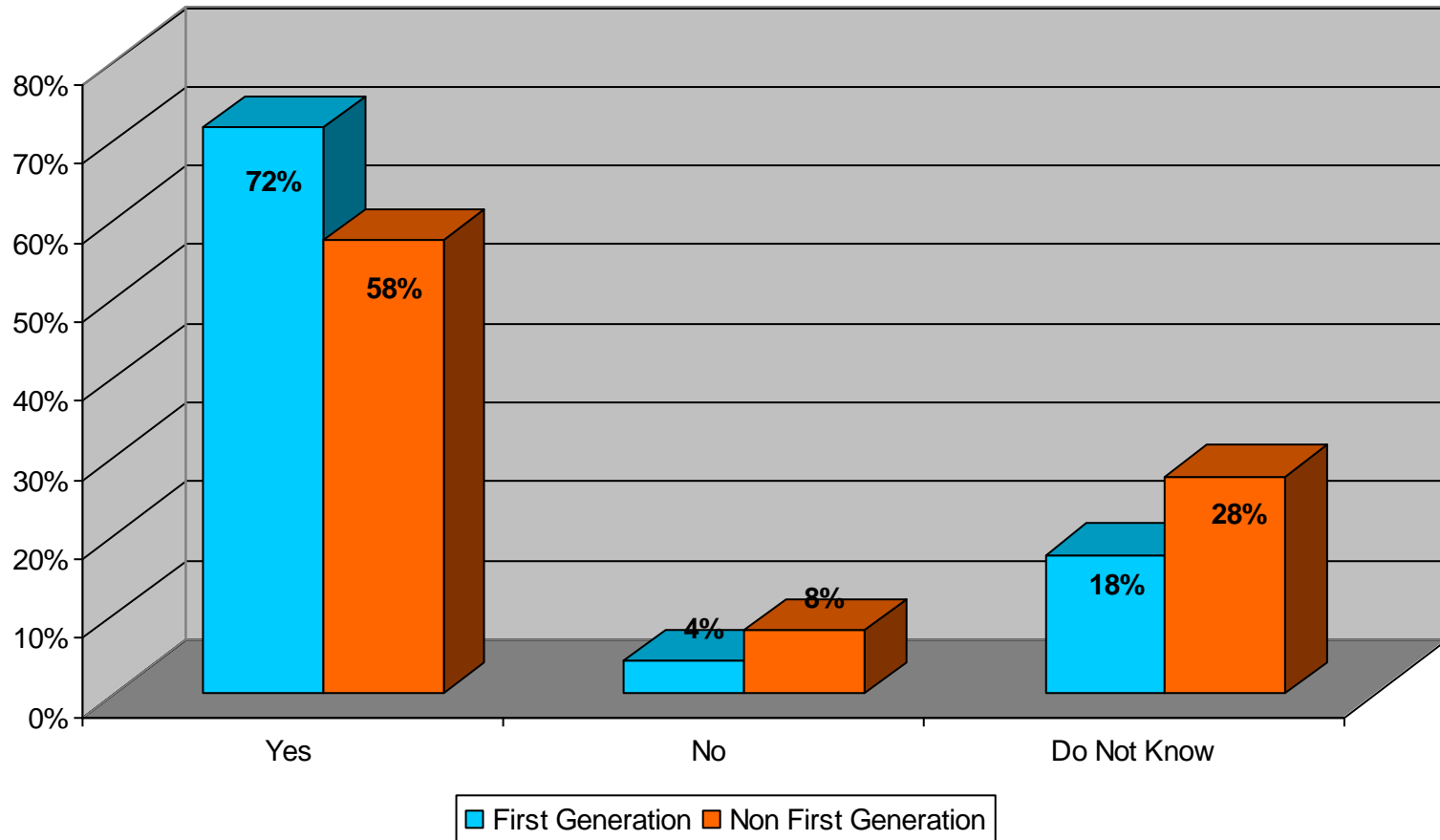
College Location Plans by First Generation Status 2007



First Year Housing Plans by First Generation Status 2007



Plans to Seek a Part-Time Job During College by First Generation Status 2007



Intended Major Field of Study for Students in the 2007 SAT[®] Cohort

Most Popular Intended Major Fields of Study	
First Generation Students	
Major Field of Study	Percent of Choices
Health Professions	16%
Business and Commerce	11%
Education	7%

Most Popular Intended Major Fields of Study	
Non First Generation Students	
Major Field of Study	Percent of Choices
Health Professions	12%
Business and Commerce	10%
Visual and Performing Arts	7%

New England: Intended Major Field of Study for Students in the 2007 SAT[®] Cohort

Most Popular Intended Major Fields of Study	
First Generation Students	
Major Field of Study	Percent of Choices
Health Professions	13%
Business and Commerce	12%
Education	7%

Most Popular Intended Major Fields of Study	
Non First Generation Students	
Major Field of Study	Percent of Choices
Business and Commerce	10%
Health Professions	9%
Visual and Performing Arts	6%

Intended Major Field of Study for Students in the 2007 SAT[®] Cohort by Gender

Males: Most Popular Intended Major Fields of Study		
Major Field of Study	First Generation	Non-First Generation
Business and Commerce	13%	12%
Engineering	10%	11%
Health Professions	8%	7%



Males are more likely to plan to study Business and Commerce

Females: Most Popular Intended Major Fields of Study		
Major Field of Study	First Generation	Non-First Generation
Health Professions	22%	16%
Business	10%	8%
Visual and Performing Arts	6%	8%



Females are more likely to plan to study the Health Professions

New England: Intended Major Field of Study for Students in the 2007 SAT® Cohort by Gender

Males: Most Popular Intended Major Fields of Study		
Major Field of Study	First Generation	Non-First Generation
Business and Commerce	14%	13%
Engineering	9%	9%
Visual and Performing Arts	5%	5%



Males in New England are also more likely to plan to study Business and Commerce

Females: Most Popular Intended Major Fields of Study		
Major Field of Study	First Generation	Non-First Generation
Health Professions	18%	13%
Business	10%	8%
Education	10%	8%



Females in New England are also more likely to plan to study the Health Professions

Certainty of College Major for Students in the 2007 SAT® Cohort

