

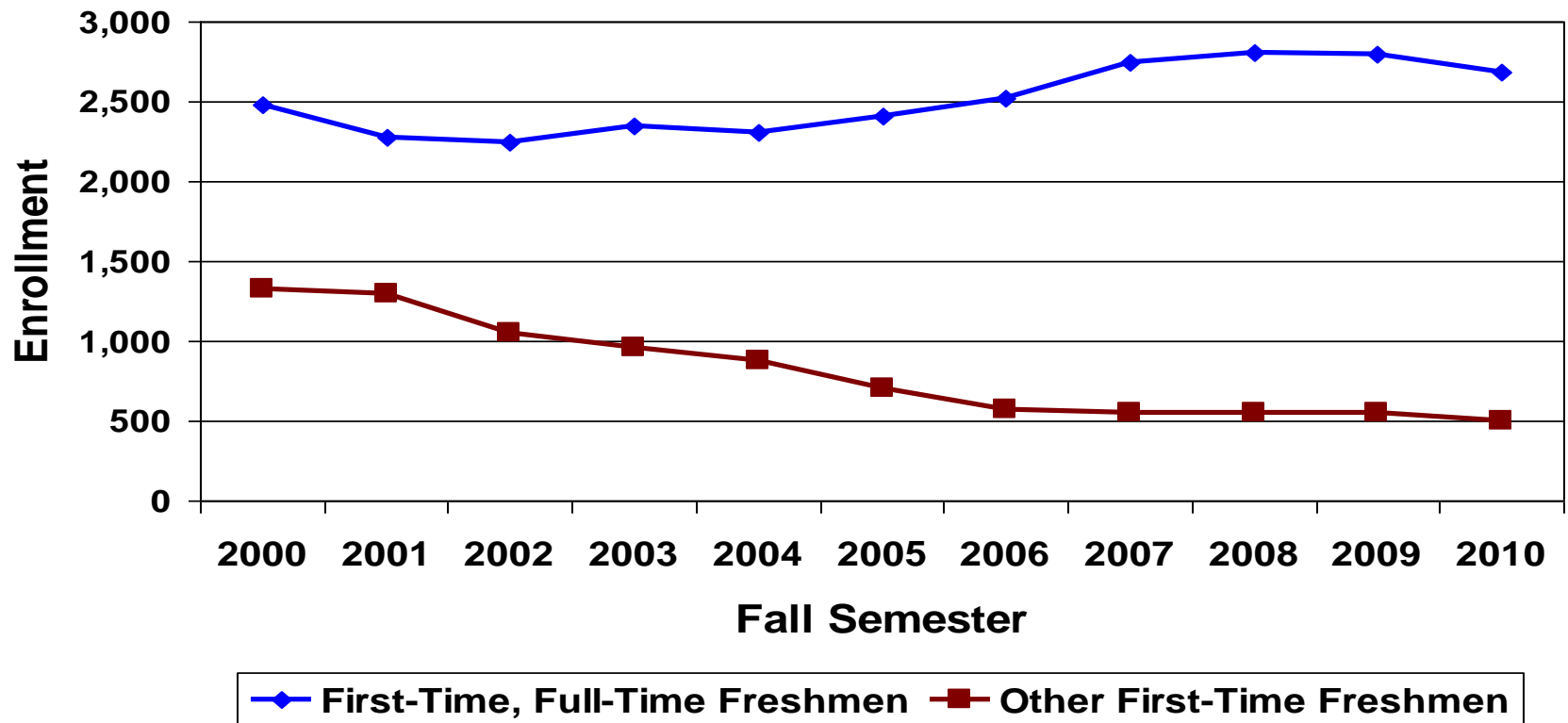


Enrollment Trends and Student Success at IUPUI

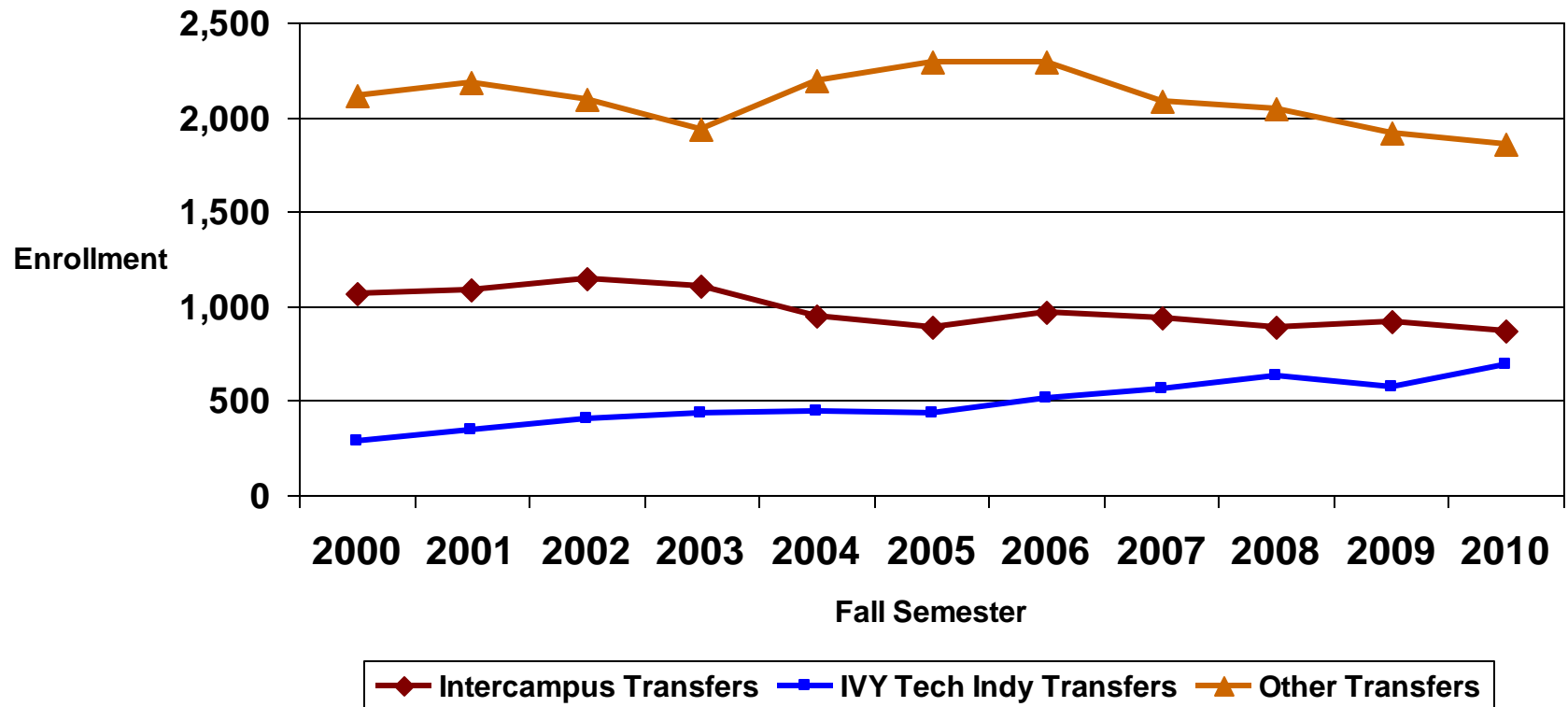
Gary R. Pike

Information Management and
Institutional Research

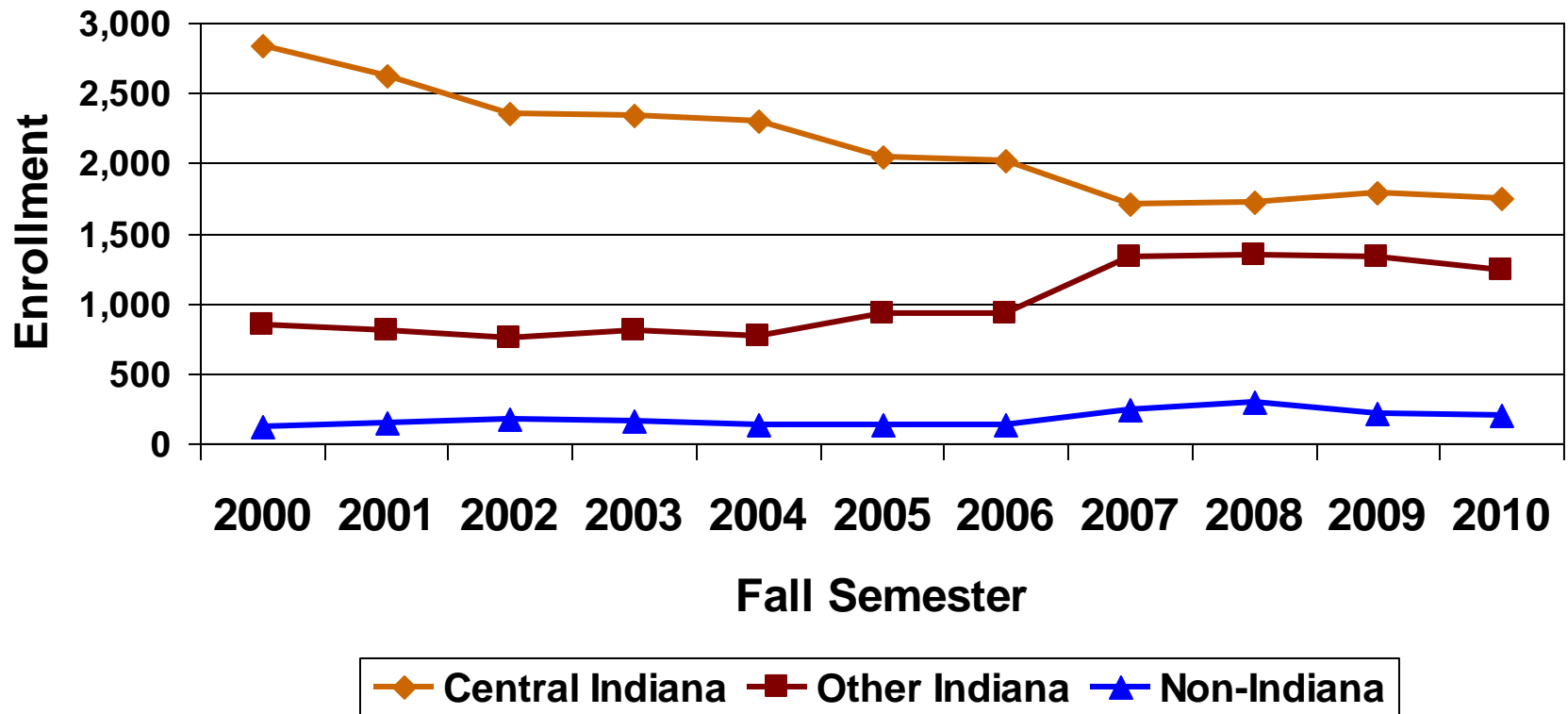
New Freshmen



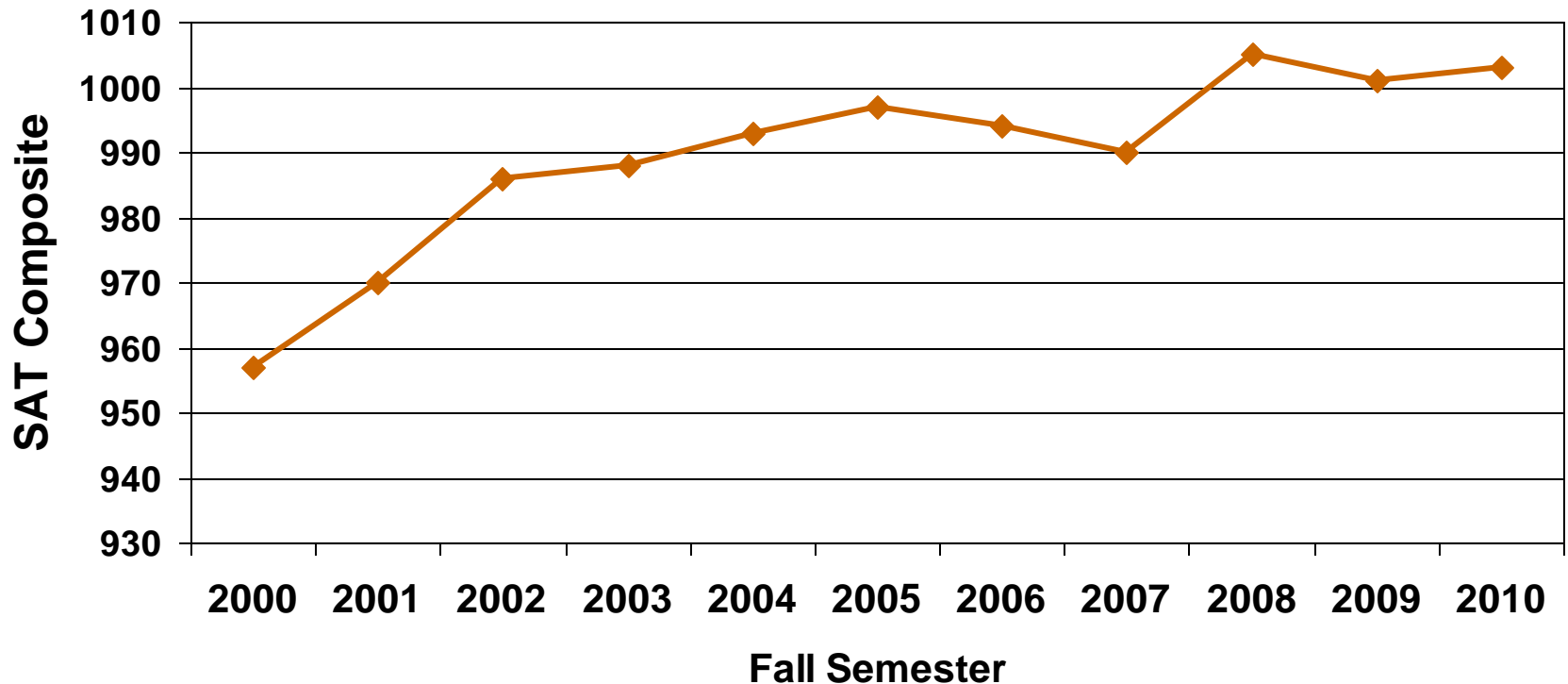
New Transfer Students



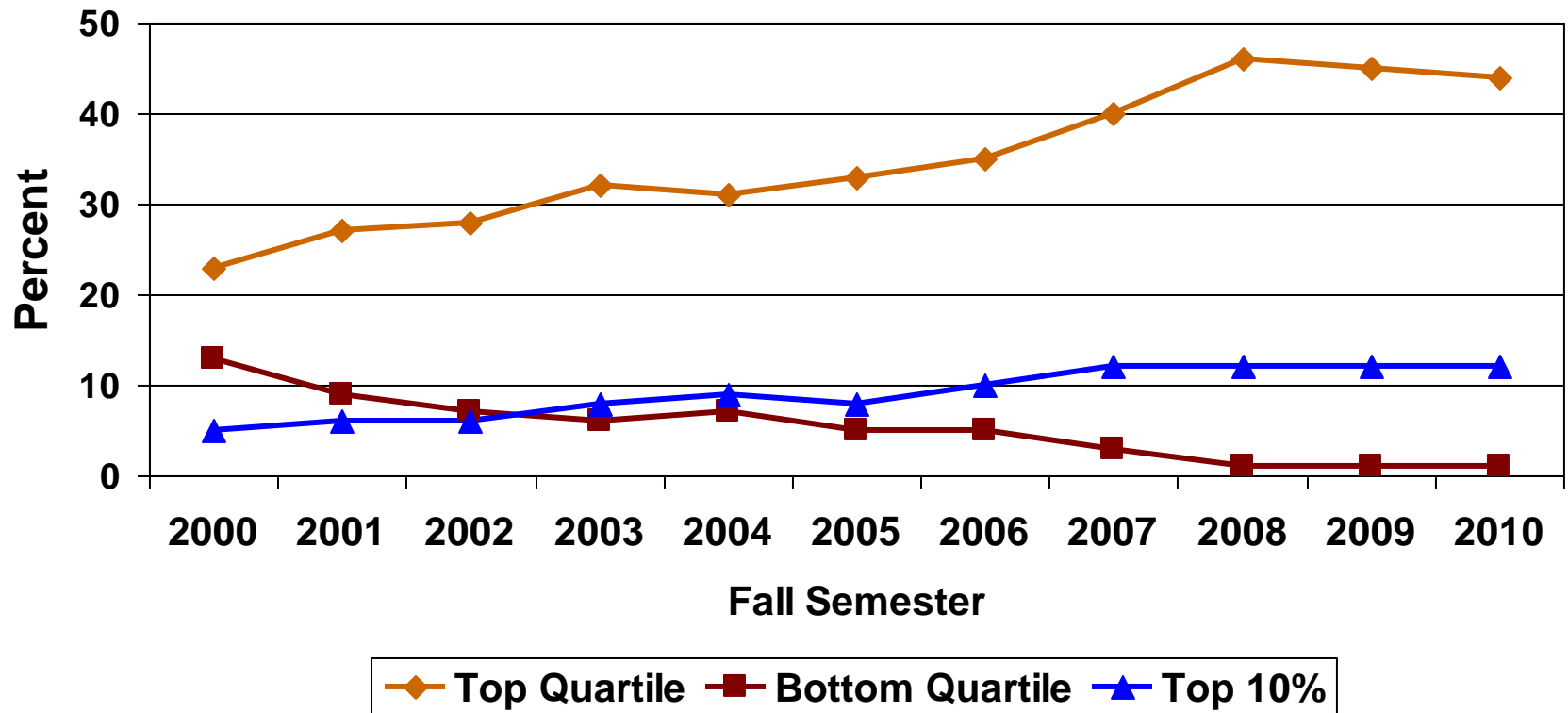
Geographic Origin of New Freshmen



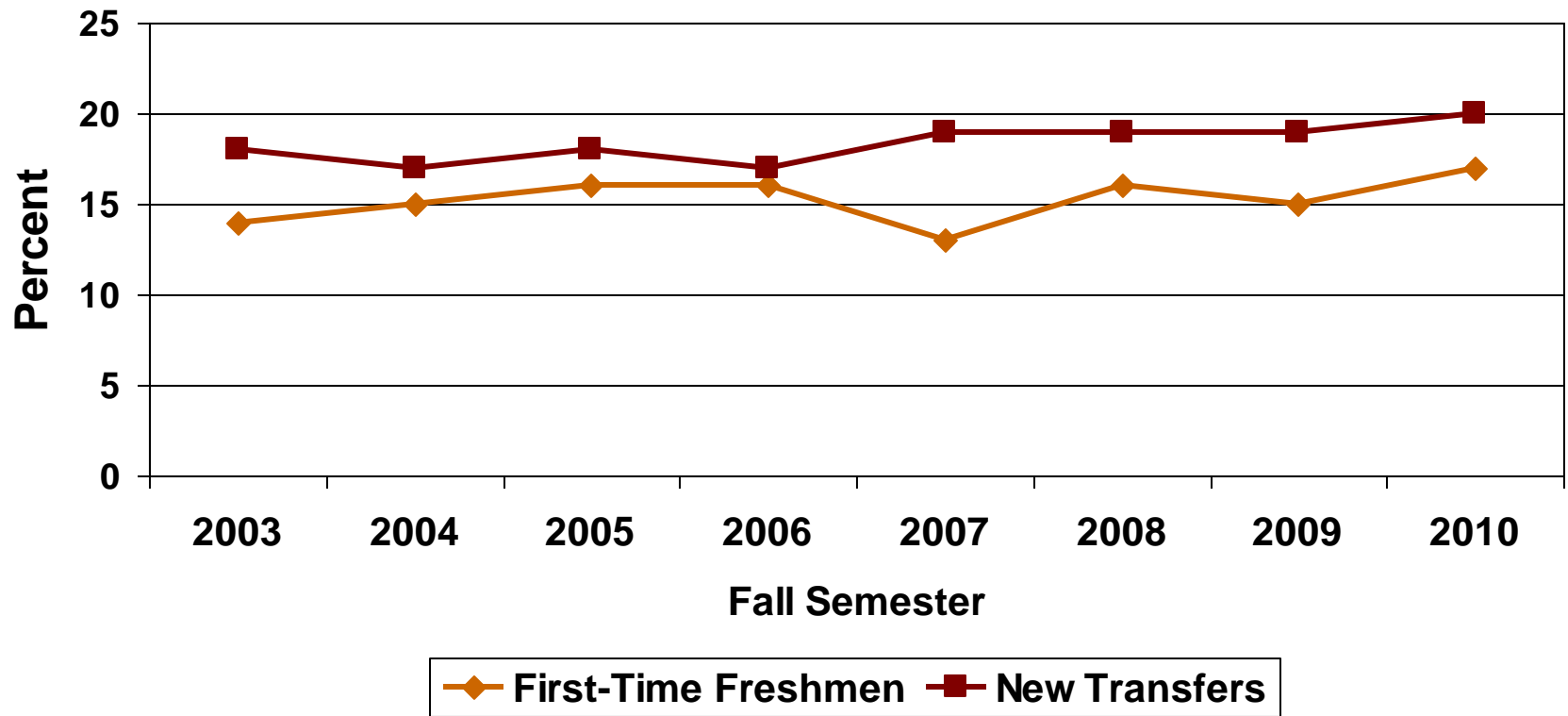
Average SAT of New Freshmen



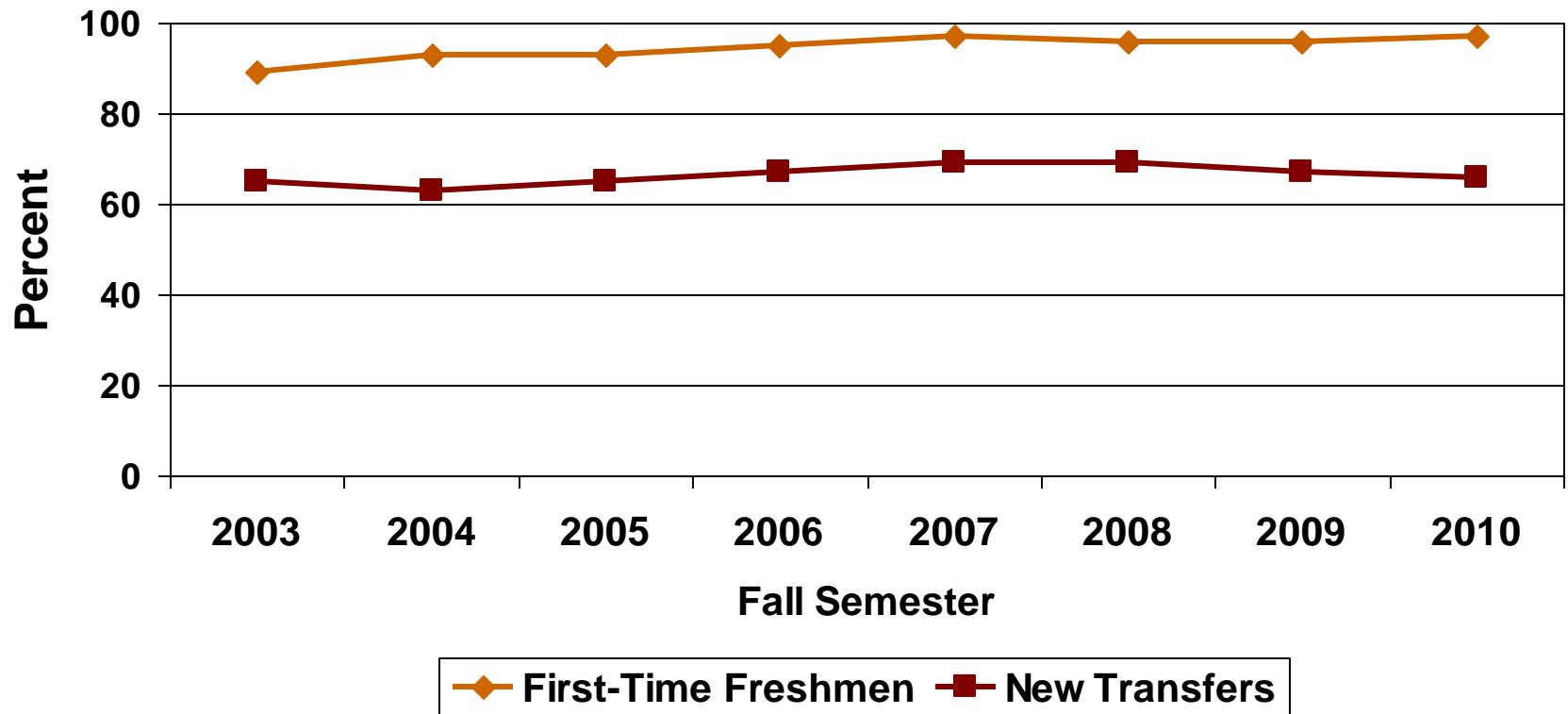
High School Rank



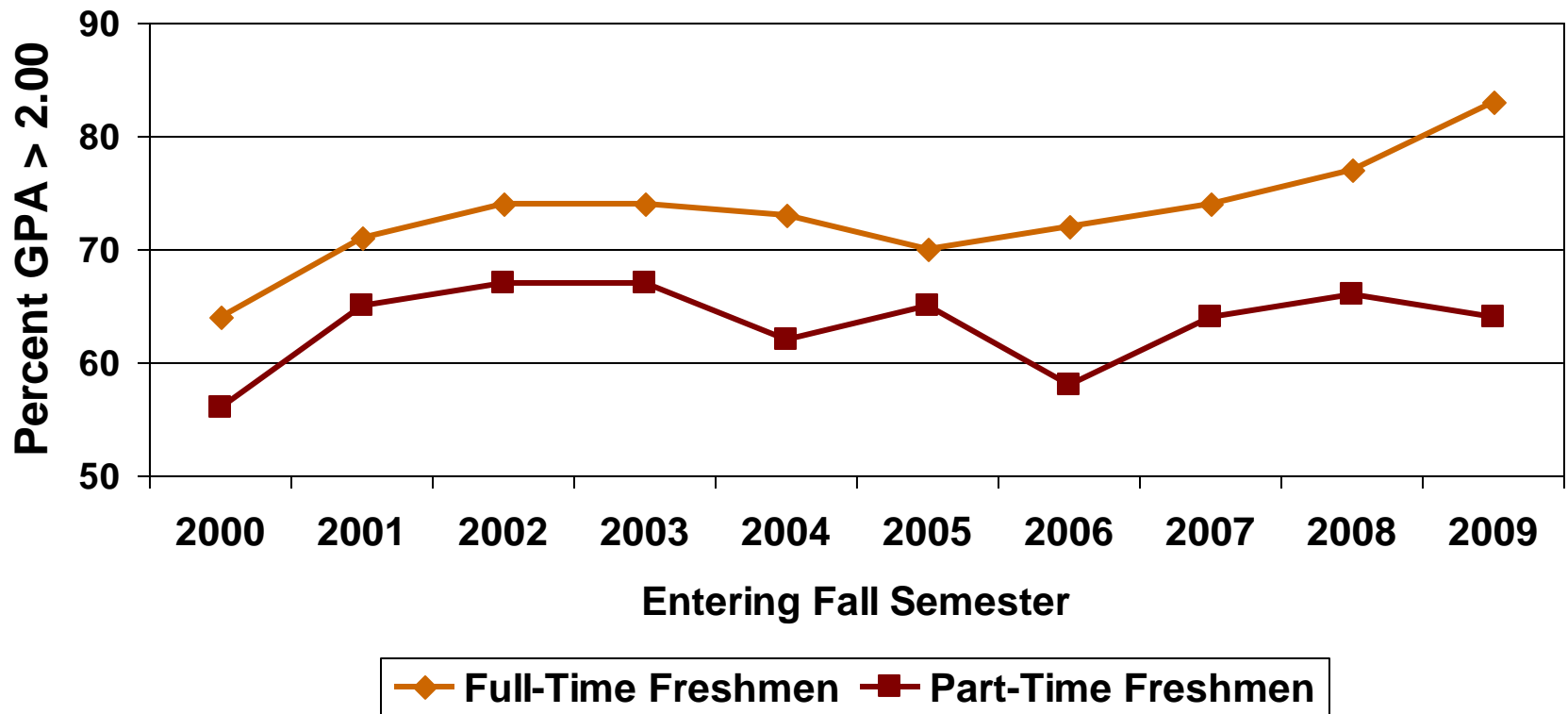
Minority Representation



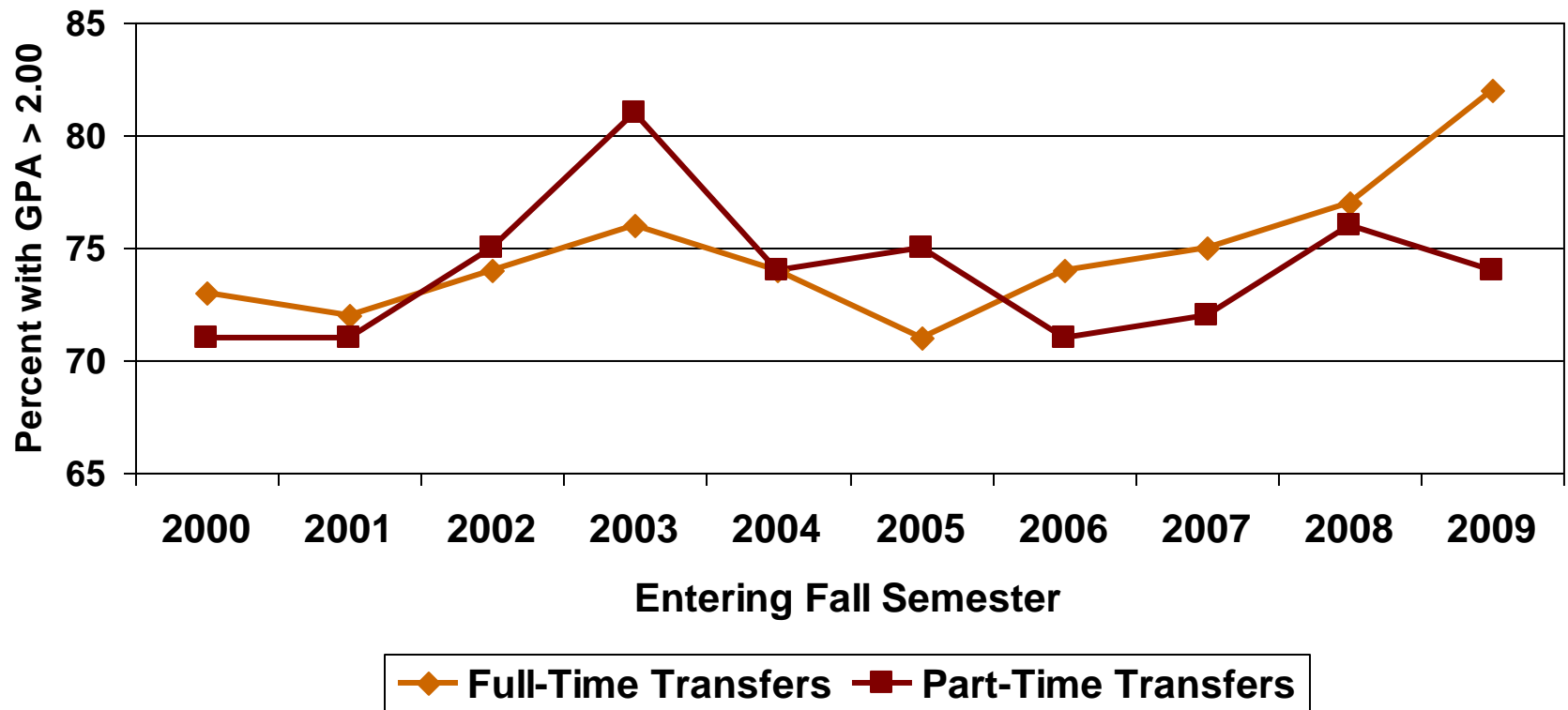
Traditional-Age Students



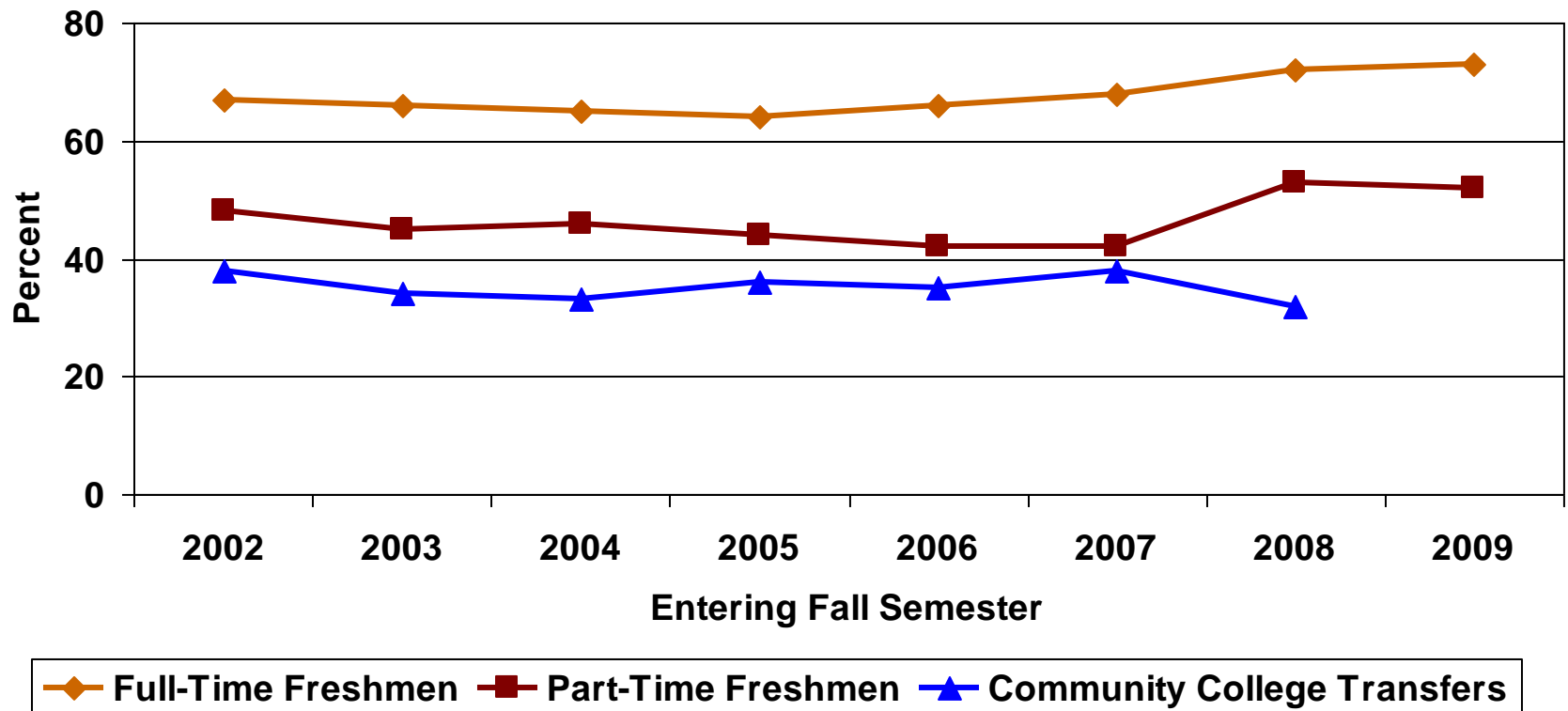
First-Semester GPA: Freshmen



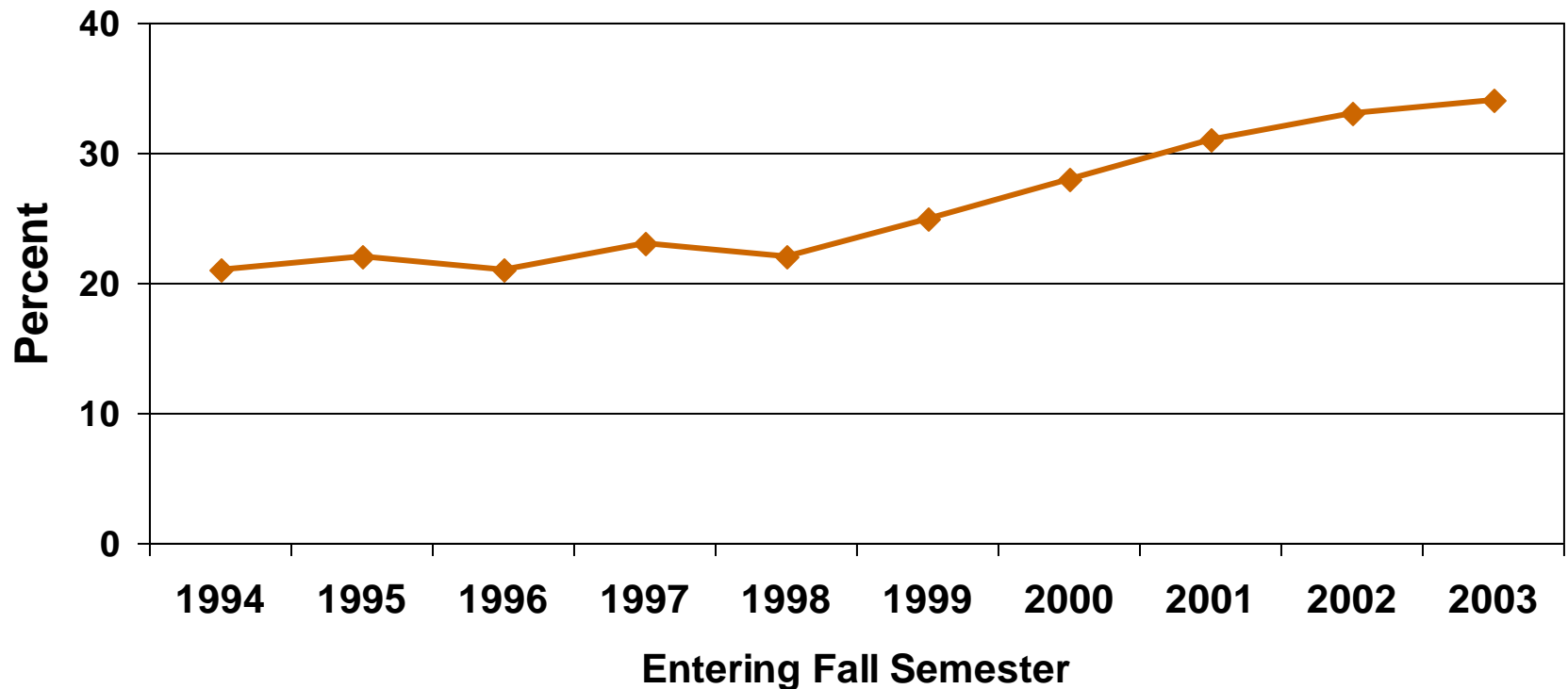
First-Semester GPA: Transfers



One-Year Retention

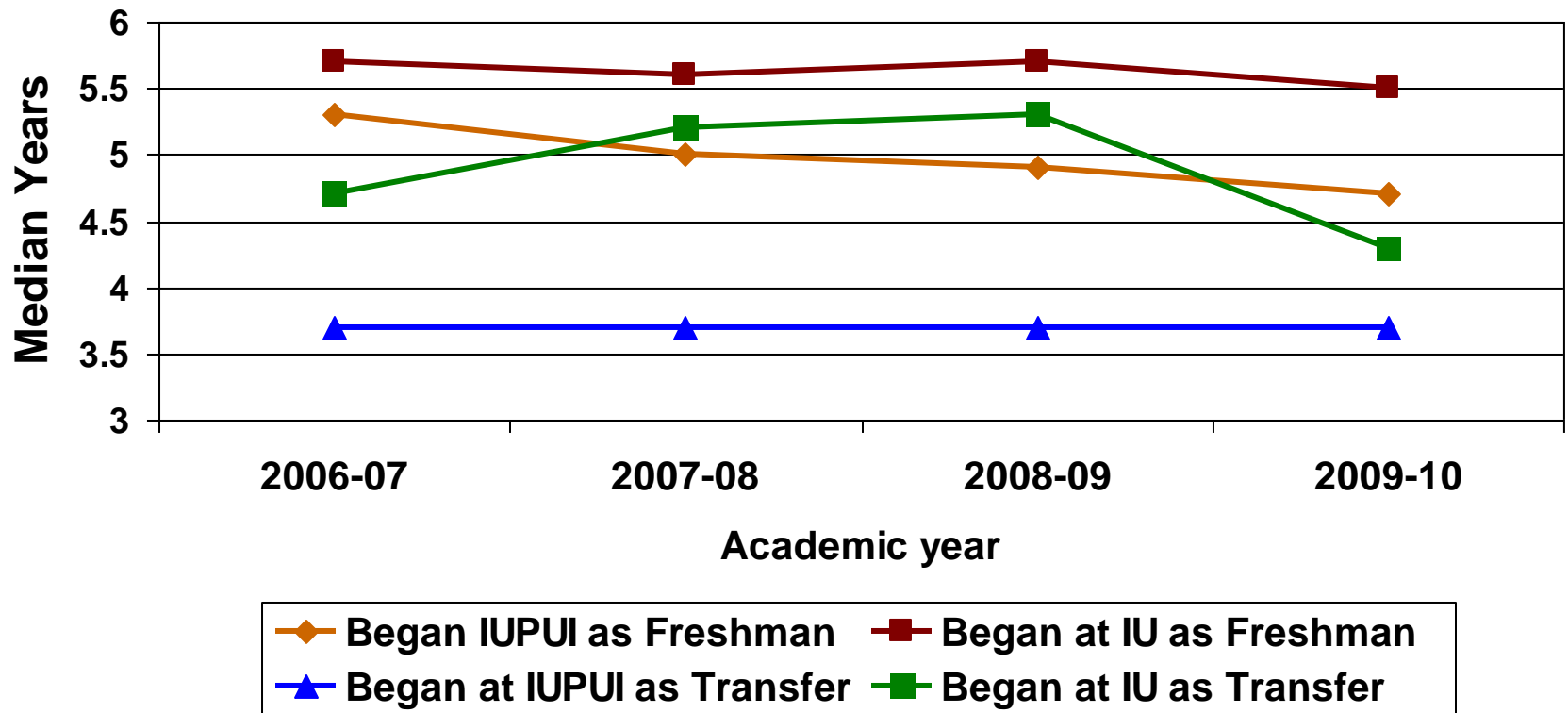


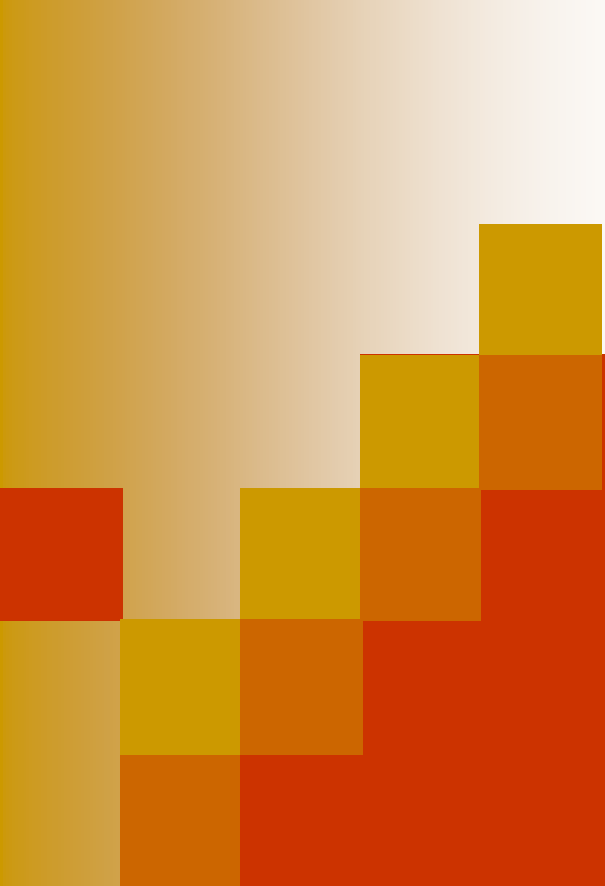
Official Graduation Rate*



* Graduated within 150% of expected time to degree

Median Time to Bachelor's Degree





Understanding the 2010 First-Time, Full-Time Cohort

Michele J. Hansen, Ph.D., Director of
Assessment, University College

Indiana University-Purdue University Indianapolis



Data Sources

- Institutional Data
- ACT-COMPASS Entering Student Survey (= 2191/2606, Response Rate = 84%)
- 2010 New Student Orientation Entering Student Survey (N =1417/2395, Response Rate estimated = 60%).
Students with incorrect or no student id entered were removed from the dataset due to inability to confirm if they officially enrolled and were full-time.

Theoretical Framework

□ $B = f(P + E + PE)$

□ Student Behavior or Success is a function of who students were before they entered college (Person) what happens to them after they enroll (Environment/Interventions) and the interaction of P and E.

2010 Cohort Indianapolis Only

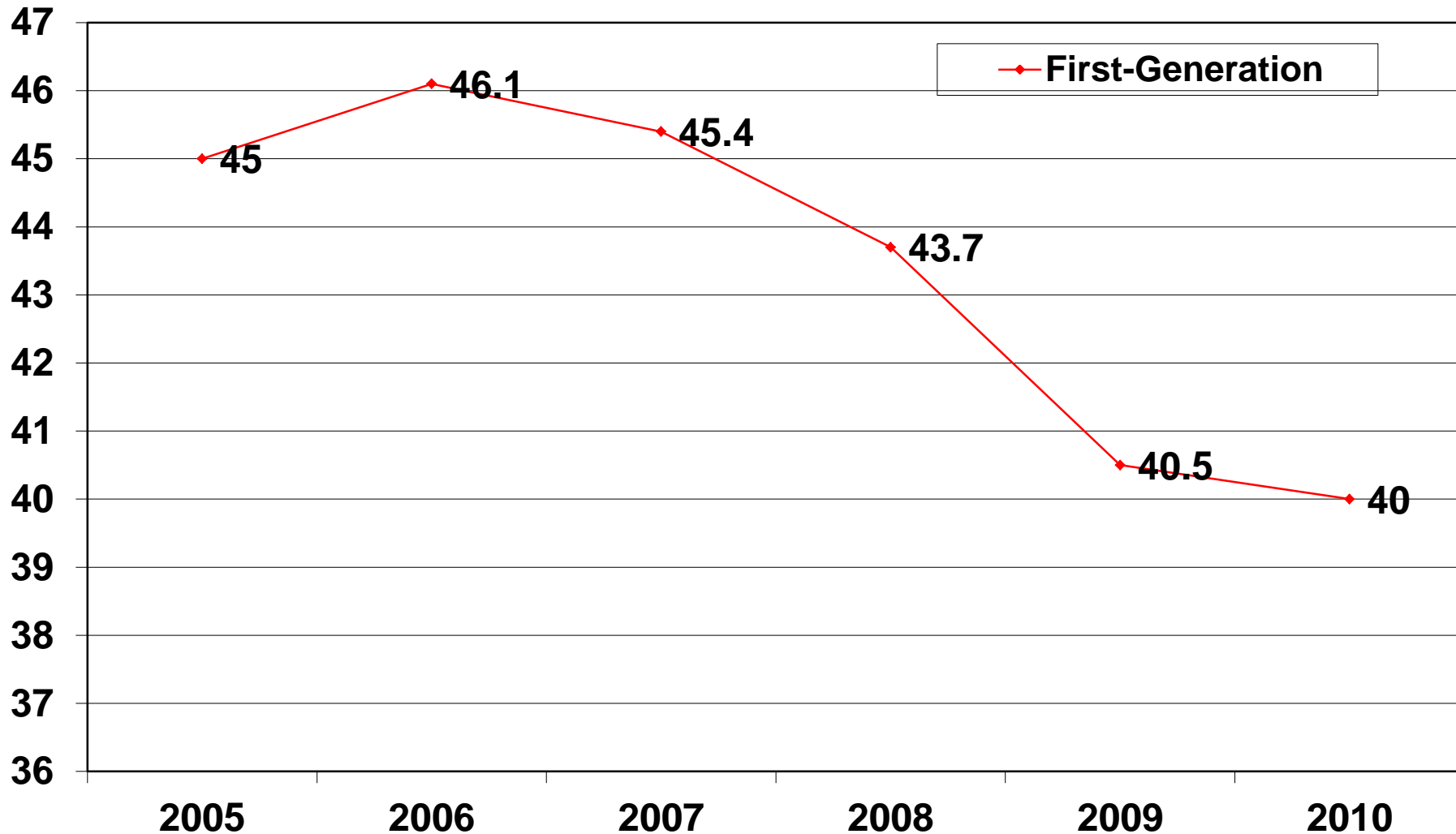
- 2395 first-time, full-time students
 - 1431 (60%) University College admits
 - 964 (40%) Dual admits/Direct School
- 190 (8%) admitted conditionally
 - Average SAT score = 890
 - Average High school GPA = 2.69
 - First-Generation 47%
- 1416 (59%) female
- Only 31 (1%) 25 years of age or older
- Only 211 (8%) part-time students
- 94% In-State Students or Resident Students
- 658 (28%) live in campus housing
- 967 (40%) First Generation (neither parent attended college or earned a degree beyond a high school diploma)
- 856 (51%) First-Generation [neither parent completed a 4-year (bachelor's college degree)]
- 13.93 Average Course Load
- 3.25 Average High School GPA
- 1017 Average SAT score

Student Profile

Fall 2010 First-Time, Full-Time (IN Only)

| | N | Percent |
|---|-------------|----------------|
| White/Caucasian | 1776 | 74.2% |
| Black/African American | 256 | 10.7% |
| Hispanic/Latino | 103 | 4.3% |
| Asian | 80 | 3.3% |
| American Indian/Alaskan Native | 1 | .0% |
| Native Hawaiian/Pacific | 3 | .1% |
| Two or More Ethnicities/Races | 93 | 3.9 |
| Non-Resident/International | 60 | 2.5% |
| Refused to Answer/Not Applicable/Missing | 23 | 1% |
| Total | 2395 | 100% |

IUPUI (IN Only) Percentage of First Generation Students





Students' Finances

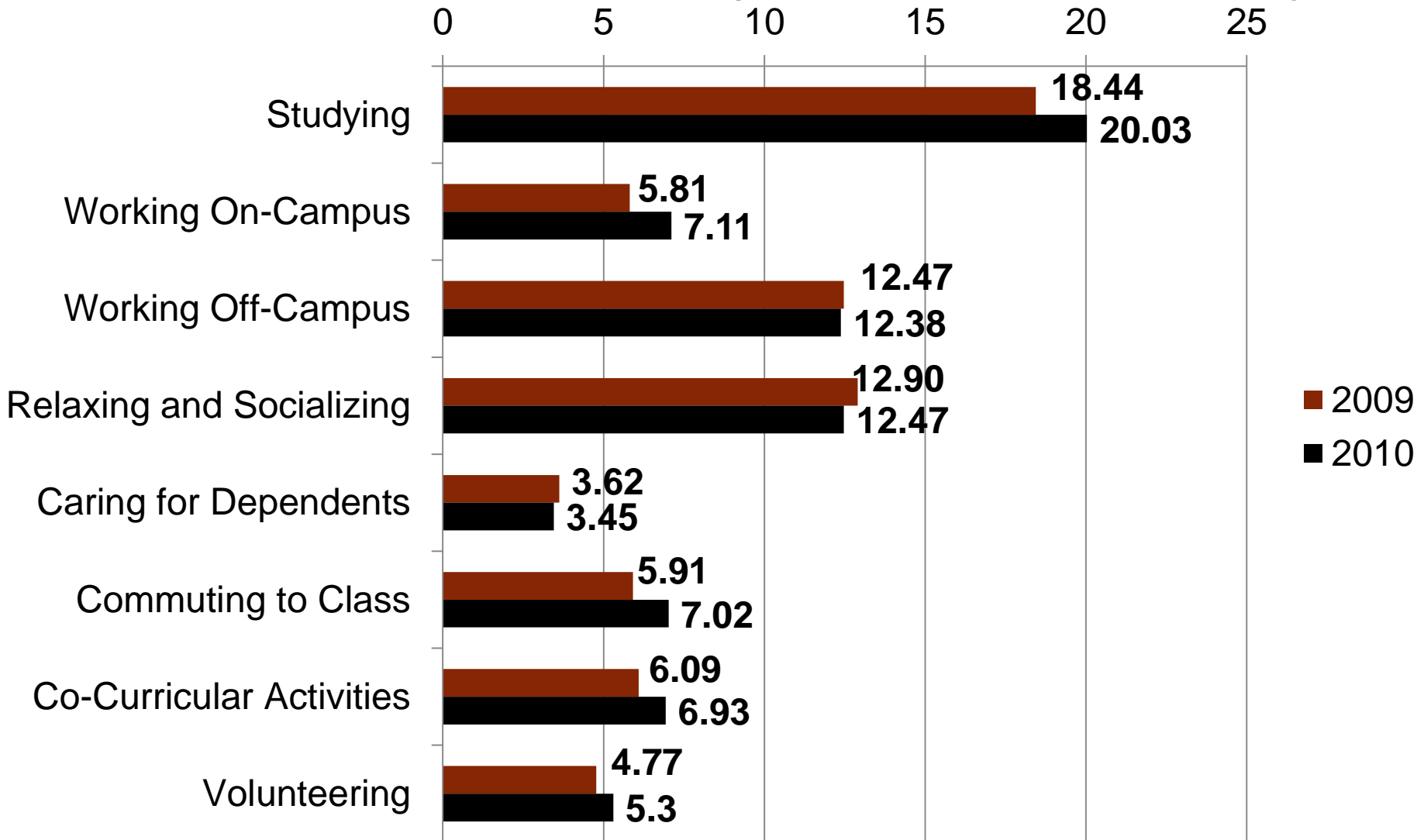
- 2113 (88%) applied for Financial Aid [completed the Free Application for Federal Student Aid (FAFSA) form]
- 1713 (72%) received Financial Aid. 82% 2009.
- 1001 (42%) received a Federal Pell Grant. 36% 2009.
- 76% reported some or major concerns about their ability to finance their college education.
- 87% plan to work while attending school.
- 362 (14%) were Eligible to receive the 21st Century Scholarship [251 actually received 21st century Scholarship from the State Student Assistance Commission of Indiana (SSACI)].

Work Commitments

| Work Hours | N | % |
|-------------------|----------|----------|
| None | 233 | 13% |
| 1-10 | 381 | 21% |
| 11-15 | 413 | 22% |
| 16-20 | 500 | 27% |
| 21-31 | 221 | 12% |
| 31+ | 91 | 4% |
| Total | 1839 | 100% |

FT, FT 2009 and 2010

Time Commitments (Hours Per Week)





High Commitment to IUPUI

- 79% reported that they applied to a college or university other than IUPUI.
- 65% reported that IUPUI was their first choice (if applied to other universities).
- 98% reported that it is important for them to graduate from College (agree or strongly agree).
- 85% reported that it is important for them to graduate from IUPUI (agree or strongly agree).
- 90% reported that they made the right choice in attending IUPUI (agree or strongly agree).



Academic Goal Commitment

- 79% are certain about their career goals (agree or strongly agree).
- 76% are certain about their choice of educational program or major (agree or strongly agree).
- 95% feel confident that they will complete their degrees in a timely manner (agree or strongly agree).
- 94% plan to earn at least a four-year (bachelor's degree).



Top 11 Reasons 2010 For Selecting IUPUI

(rank order by mean importance)

1. Opportunity to receive an Indiana University or Purdue University degree
2. Availability of specific academic programs (majors)
3. Career and job opportunities available in the area after completing my degree
4. Location
5. Cost
6. Ability to work while attending college
7. IUPUI's reputation
8. Opportunities associated with the location of IUPUI in Indianapolis
9. The variety of entertainment and social activities in the downtown area
10. Admissions requirements
11. Opportunity to interact with students from a wide variety of backgrounds



2010 Reasons for Attending College

(rank order by mean importance)

1. Acquire knowledge and skills applicable to a specific job or type of work
2. Fulfill a lifelong goal
3. Gain a general education
4. Make more money
5. Get a better job
6. Prepare for graduate or professional school
7. Meet new people
8. My parents wanted me to go
9. Change in financial situation
10. Advance in my current job
11. Issues related to children or childcare
12. Change in marital status



High Impact Practices

“When I am asked, what one thing we can do to enhance student engagement and increase student success? I now have an answer: make it possible for every student to participate in *at least two high impact activities during his or her undergraduate program, one in the first year, and one taken later in relation to the major field.* The obvious choices for incoming students are **first-year seminars, learning communities, and service learning**” (George Kuh, 2008)



Early Interventions

- 2343 (92%) students enrolled in at least 7 credit hours participated in First-Year Seminars
- 697 (29%) participated in a Themed Learning Community
- 421 (18%) participated in the Summer Bridge Program (18 or 10% conditional admits).
- 210 (9%) participated in the Summer Success Academy



Effective Programs and Interventions

- Summer Success Academy
- Summer Bridge
- Themed Learning Communities
- Summer Bridge – Themed Learning Communities
- Learning Communities (e.g., Math Linked)
- First-Year Seminars
- Academic Advising and Career Development
- Student Support Services
- SAAB and SAAS
- Personal Development Plans (PDPs)



Risk Factors for IUPUI Students – Associated with Low Levels of Academic Achievement and Persistence

- Gender (Males).
- Being a First-Generation college student.
- Amount of time spent working off-campus for pay (over 20 hours per week).
- Institutional commitment (Intent to Transfer).
- Low levels of academic preparation (High school GPA is a strong predictor).
- Living off-campus.
- Not earning satisfactory academic performance in first-semester (earning below a 2.0).
- Reporting that she/he was not careful in completing high school assignments and did not complete the assignments on time.
- Not participating in early interventions or academic support programs.
- Offered a Pell Grant (proxy for low SES).



Summary of Major Changes Expected

- Accountability and Outcomes Focus: degree completion, on-time graduation, value-added experiences, learning outcomes.
- More academically prepared students.
- More International and Out-of-State students.
- More students entering just out of high school: 18-19 years of age.
- More students living on-campus.
- More students working on-campus.
- Possibly more students attending classes in summer.
- Improved retention and graduation rates.
- Improvements in retention and degrees conferred rates may only be attained by moving students through the system more effectively and more efficiently (e.g., providing the support students need to succeed).