

Lessons Learned: A Decade of Working with Entering Students

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Outline

- Back to the Beginning
- The Big Picture
- Status Report on the Bottom Line
- Highlights
- What are Some Principles?
- What Next?

Back to the Beginning

First University College Retreat



University College Mission

University College is the academic unit at IUPUI that provides a common gateway to the academic programs available to entering students. University College coordinates existing university resources and develops new initiatives to promote academic excellence and enhance student persistence. It provides a setting where faculty, staff, and students share in the responsibility for making IUPUI a supportive and challenging environment for learning.

University College Principles

University College will achieve its mission through the

- Promotion of student learning
- Focus on individual student success
- Establishment of its own traditions and recognition of accomplishments
- Provision of a quality first year experience
- Development of strong connections with the degree-granting units
- Commitment to faculty and staff development
- Creation of a community that values diversity
- Implementation of collaborative governance built on individual responsibility
- Commitment to intentional reflection and assessment

The Big Picture



CEOs for Cities is a national network of urban leaders dedicated to building and sustaining the next generation of great American Cities.

Talent

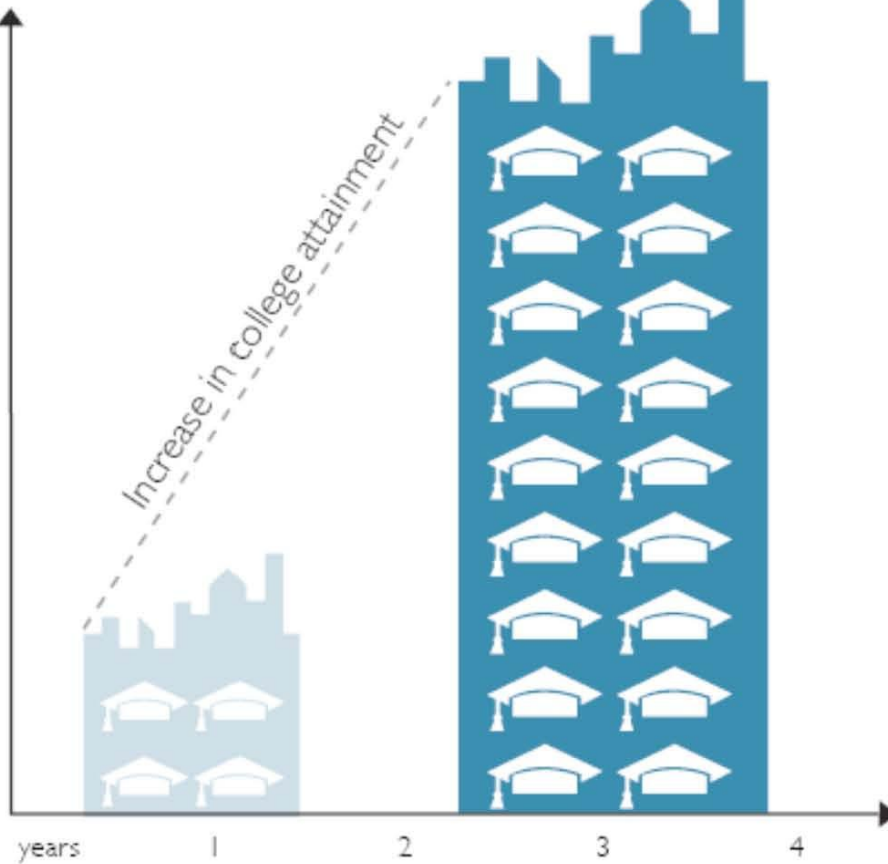


Talent Dividend

\$124 Billion

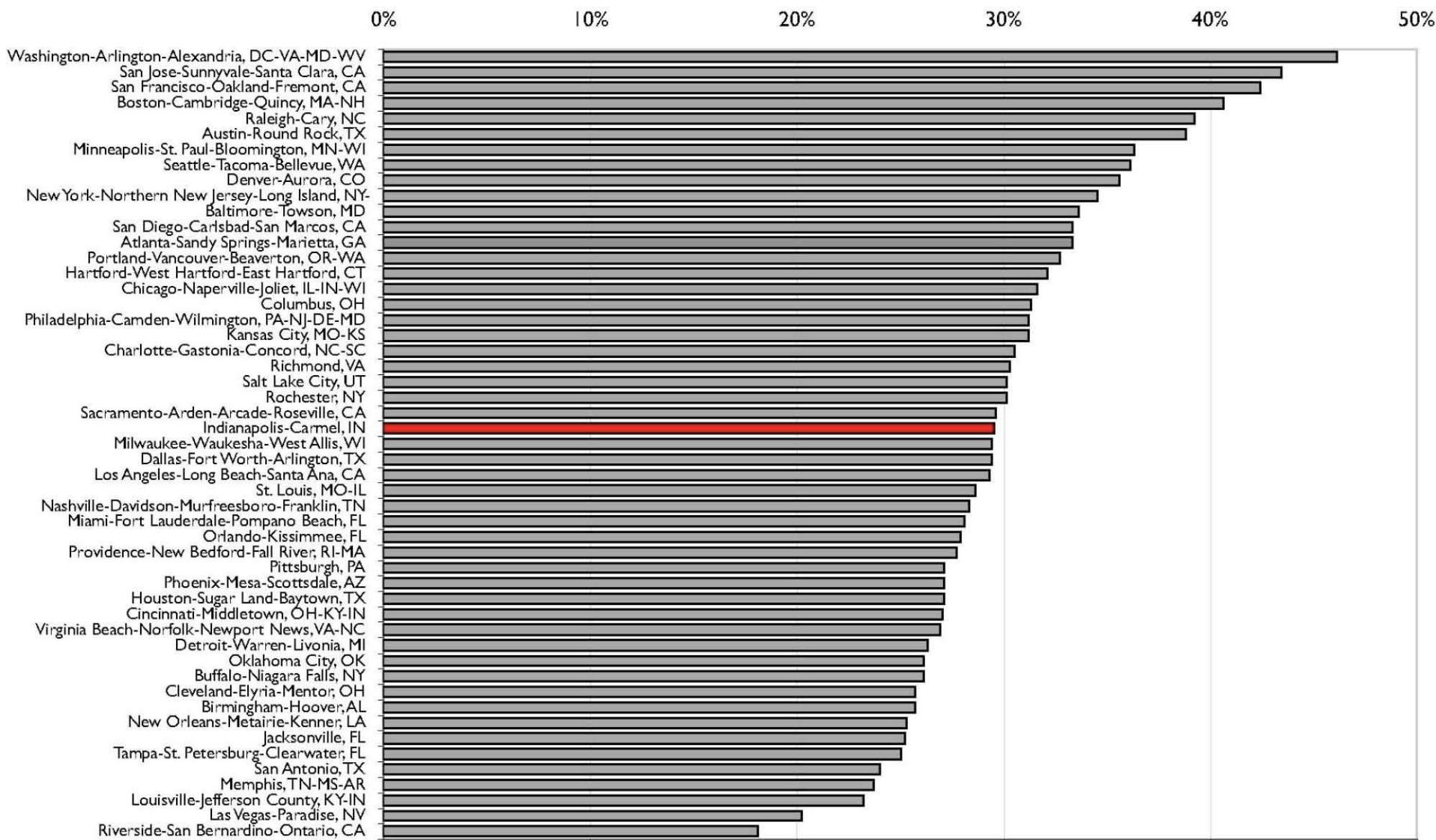
Thriving Cities

Increase in college attainment



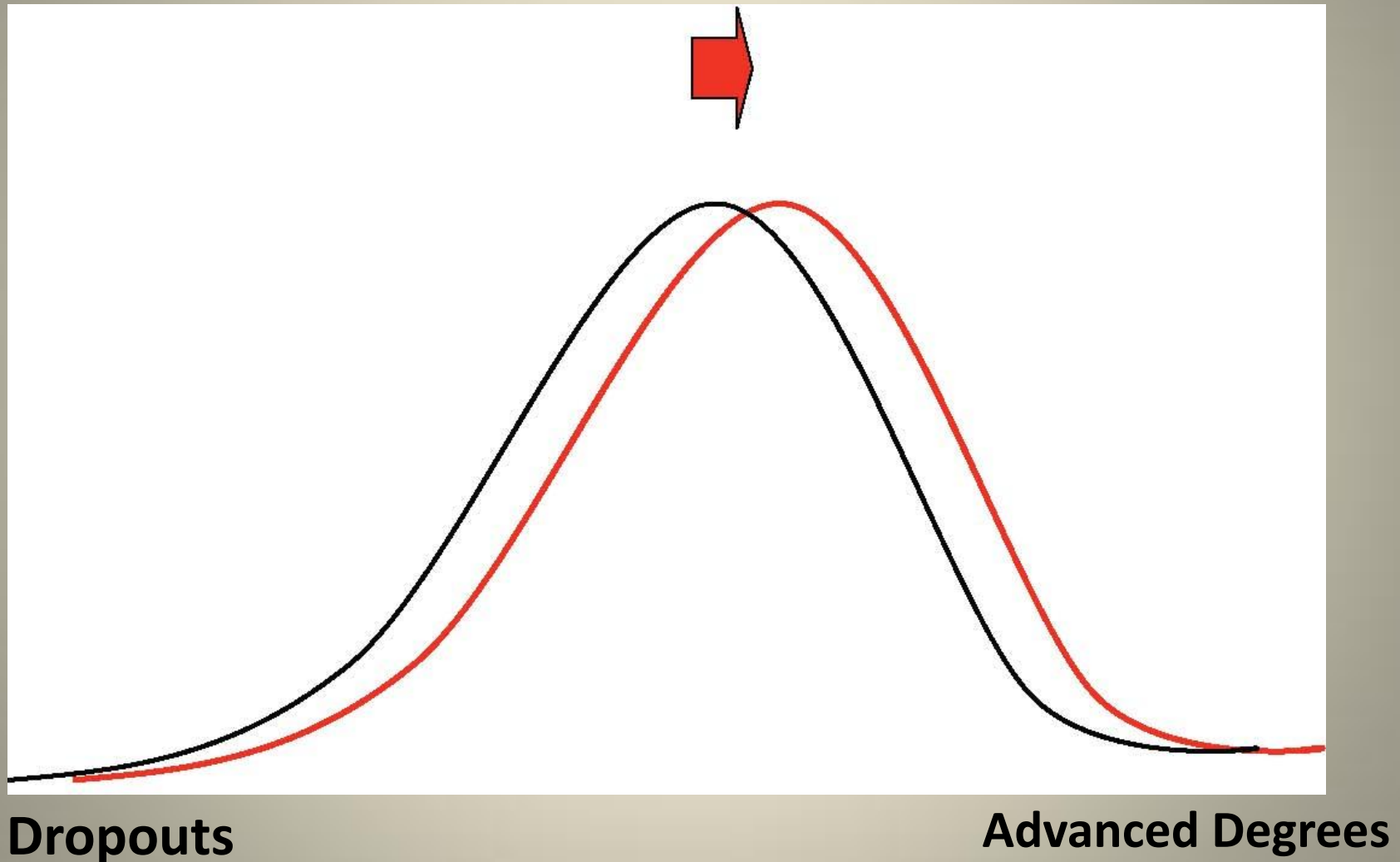
Metro Variations in Educational Attainment

Four Year College Attainment Rate



Source: Academic Deans Retreat 2009

Shifting the Distribution of Educational Attainment



Educational Attainment

Talent Measures	%	No. of People
Educational Attainment (Population 25 and Older)		
Less than High School	12.6%	139,050
High School Only	30.6%	337,692
Some College/AA	26.6%	293,549
Four-year Degree	30.1%	332,174
Educational Attainment of Young Adults (25 to 34)		
Less than High School	11.2%	26,648
Four-year Degree	34.0%	80,895
Talent Dividend		
Goal	31.1%	
Additional degree holders		11,036

Indianapolis's Talent Dividend

If we increase Indianapolis' college
attainment rate from
30.1 percent to 31.1 percent...
(11,036 additional new grads)

It would mean an annual Talent Dividend of:
\$1.3 billion annually

Status Report on the Bottom Line

Why it Matters:

1. Indiana will not succeed without significant increases in the number of baccalaureate degree holders.
2. In-state students are more likely to stay after graduation.
3. IUPUI has primarily in-state students though we are working hard to diversify our student body.
4. IUPUI has the largest number of in-state students of any campus in Indiana.

Why it Matters:

5. Diversity matters.
6. IUPUI serves the largest number of students in the state who reflect diversity.
7. Though only about a third of the students who start at IUPUI in a given year are fall, first-time, full-time beginners (used to calculate the retention rate) and though a majority of our graduates have at least a semester of transfer credit, we owe it to our entering students to see them through – for their sake, our sake, for Indiana.

AND....our retention rate is

TERRIBLE!

Peer Comparison

Institution	Total Undergrad Enrollment	First-to-Second Year Retention Rate (FT Students)
IUPUI	30,300	68
SUNY at Buffalo	11,234	78
Temple University	35,490	87
University of Alabama at Birmingham	16,149	80
University of Cincinnati-Main Campus	29,617	83
University of Colorado at Denver and Health Sciences Center	21,903	71
University of Illinois at Chicago	25,835	78
University of Louisville	20,834	78
University of New Mexico-Main Campus	25,754	77
University of South Florida	46,189	88
University of Utah	28,211	83
Virginia Commonwealth University	32,044	85
Wayne State University	31,024	70
Average		79

*Source: U.S. Department of Education, National Center for Education Statistics

Retention Rate

The average is 80%*,
12% percentage points
above IUPUI!

*excluding IUPUI

AND...our graduation rates
are even worse!

Institution	Total Undergrad Enrollment	Graduation Rate
IUPUI	30,300	33
SUNY at Buffalo	11,234	72
Temple University	35,490	62
University of Alabama at Birmingham	16,149	40
University of Cincinnati-Main Campus	29,617	46
University of Colorado at Denver and Health Sciences Center	21,903	37
University of Illinois at Chicago	25,835	48
University of Louisville	20,834	46
University of New Mexico-Main Campus	25,754	44
University of South Florida	46,189	48
University of Utah	28,211	51
Virginia Commonwealth University	32,044	49
Wayne State University	31,024	34
Average		47

*Source: U.S. Department of Education, National Center for Education Statistics

Graduation Rate

Average: Average (excluding IUPUI) is 48%

IUPUI would increase 15%
percentage points
to be equal to our peers.

AND, if we assume that there is a stable relationship between the retention and graduation rates of our peers, we are worse with the graduation rate than we are with the retention rate!

Retention and Graduation

Average retention: 80%

Average graduation: 48%

IUPUI's retention: 68%

IUPUI's graduation: 33%

If our ratio were the same, our graduation rate would be 41%, 8 points higher than our rate of 33%.

Have we made progress?

YES!

Graduation rates for cohorts entering in ----

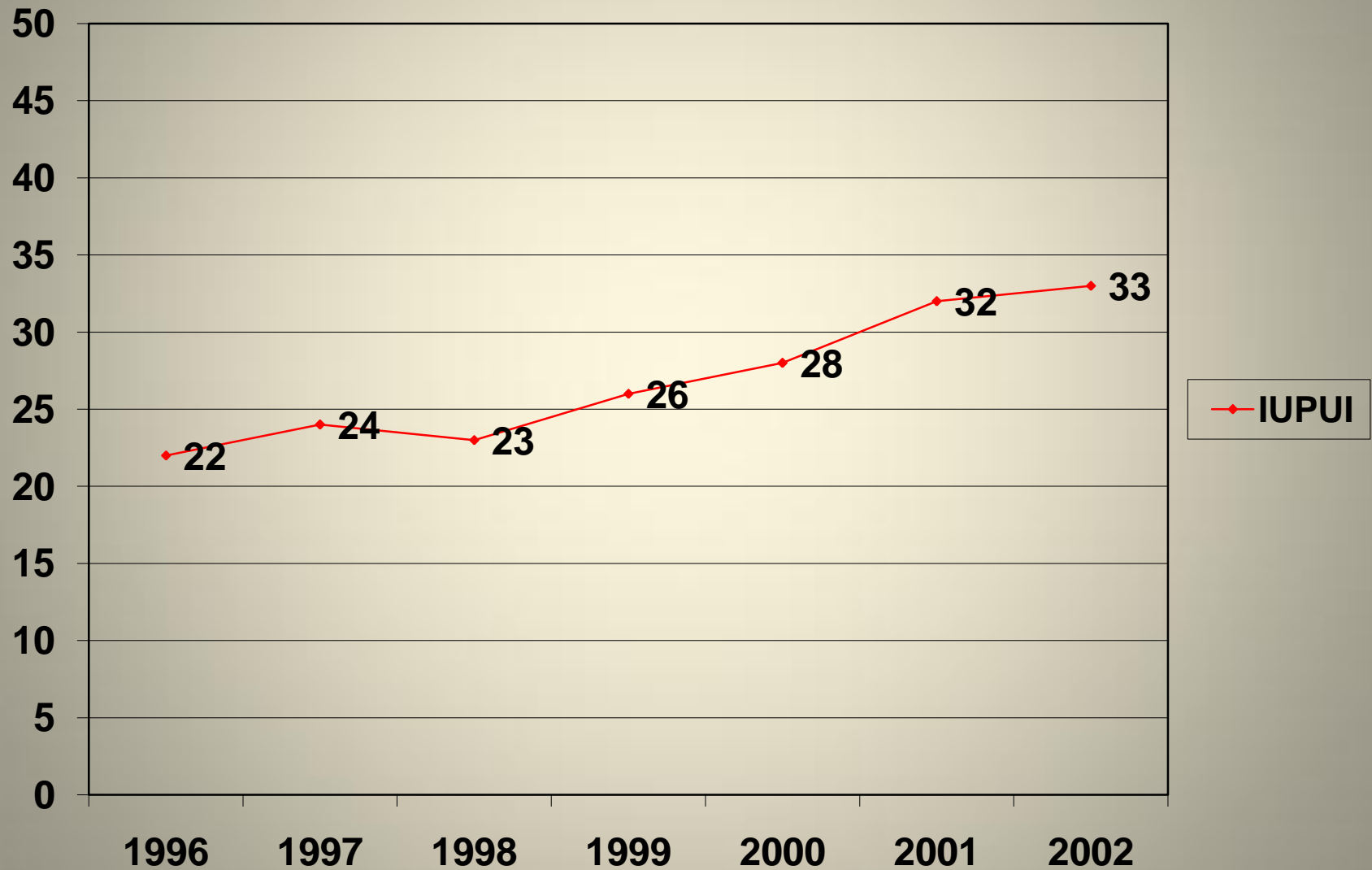
1996	1997	1998	1999	2000	2001	2002
21%	23%	22%	25%	28%	31%	33%



Graduation Rate

We are up by 48% in five years, coinciding with the beginnings of our retention efforts and of some selectivity in admissions.

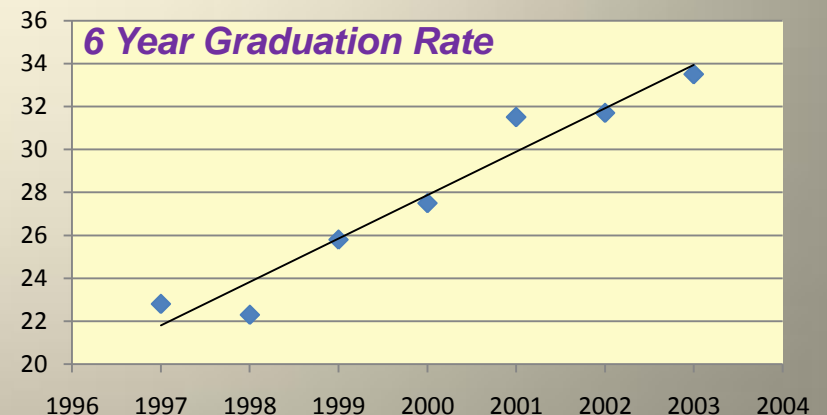
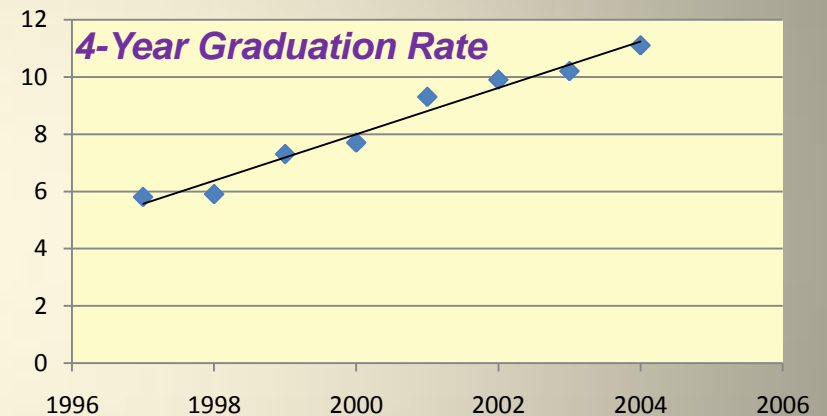
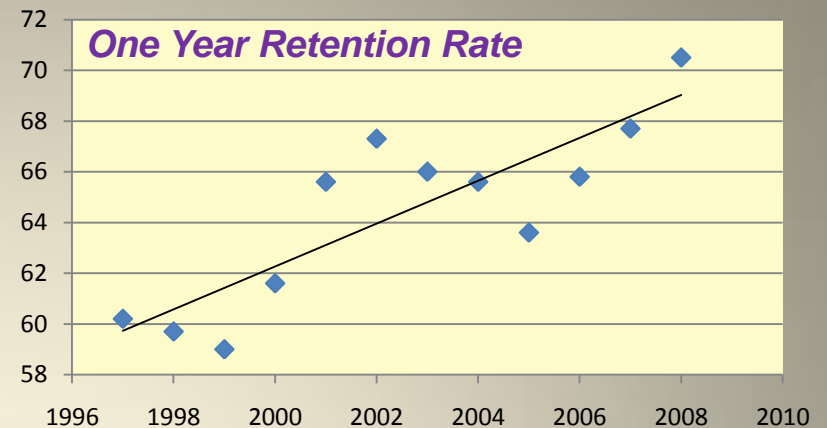
IUPUI Six Year Graduation Trend



And a Summary ...

Tracking the First-Time Full-Time Cohorts

- ***One year retention rate for the 2008 cohort is also a new high – expected to reach about 70.5%***
- ***Six year graduation rate for the 2002 cohort will also hit a new high – expected to be > 33.5% after counting Summer 2009 graduates.***



Predicting the Future!

What would happen if we could reach graduation rates of our peers?

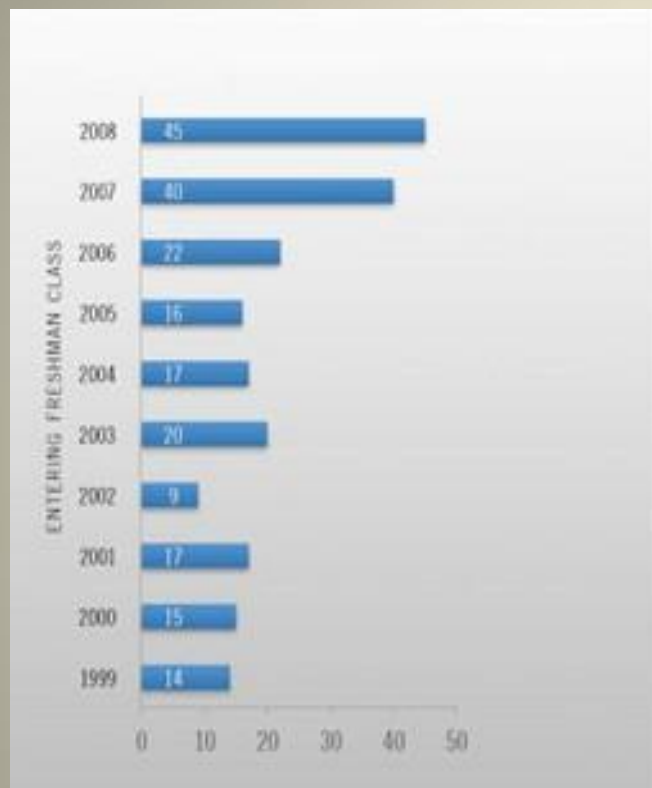
For one cohort of entering students,
we would have an increase –
per year – for one entering class of
\$7.5M in fees.

Good News?

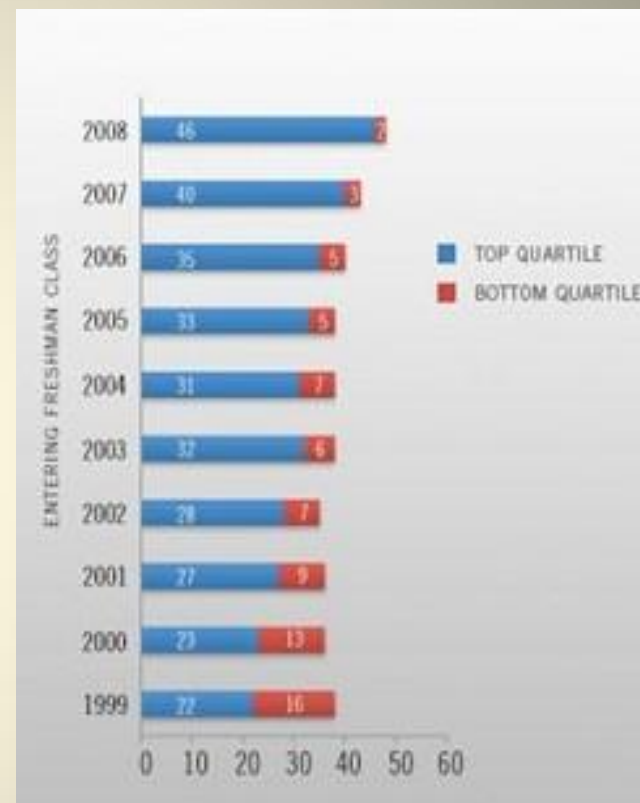
Yes! Besides the graduation rate being up to 31%, we are making progress with new students.

Retention and graduation rates are a function of what a student brings and what happens here.

We see progress with preparation of our entering students.

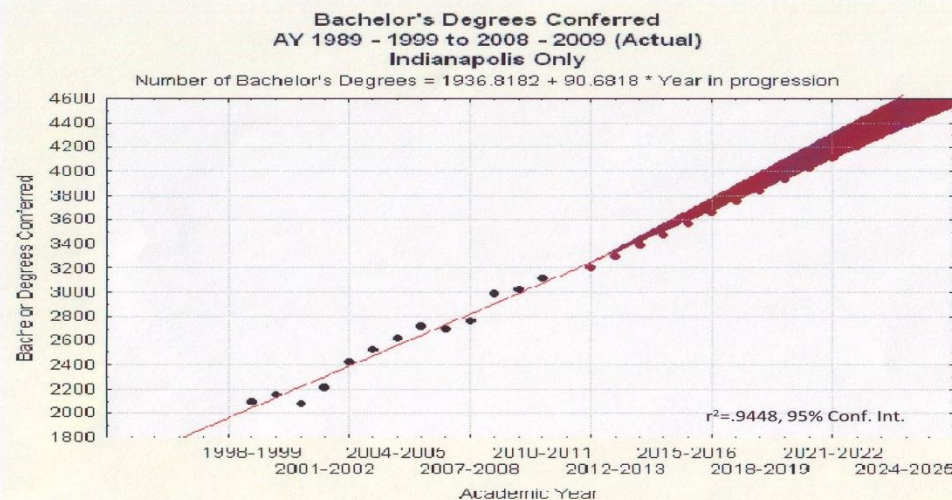


Number of Valedictorians/
Salutatorians in the entering
freshmen class



Percent of the entering freshmen
class from the top and bottom high
school quartiles

Plot of Bachelor's Degrees Conferred - Indianapolis Only
AY 1998-1999 - 2008-2009 Actual, 2009 -2010 On Projected



Academic Year (July 1 - June 30)	1998 - 1999	1999 - 2000	2000 - 2001	2001 - 2002	2002 - 2003	2003 - 2004	2004 - 2005	2005 - 2006	2006 - 2007	2007 - 2008	2008 - 2009	2009 - 2010	2010 - 2011	2011 - 2012	2012 - 2013	2013 - 2014	2014 - 2015	2015 - 2016	2016 - 2017	2017 - 2018	2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025
# Bach Degrees Conferred (IUPUI Only)	2097	2155	2080	2212	2033	2424	2530	2620	2719	2696	2763	2994	3025	3932	4385												
# Bach Degrees Conferred (IUPUI Only) - Assuming 5% Increase in expected in 2009 - 2010 onward												3176	4128	4604													

Notes: In response to President Obama's initiative to have the United States lead the world in college graduates by 2020, this chart outlines the needed change for IUPUI to increase its number of degrees conferred to contribute towards that goal. Actual degrees conferred are noted in black. 2010 onward is projected. Degrees conferred includes bachelor's degrees awarded at Indianapolis only, not including State-wide technology bachelor's degrees or degrees conferred at Columbus. Predicted values are +/- 196 to fit in 95% confidence interval. A 5% increase in degrees completed by 2025 would require a 54% increase from actual 2009 totals. Given flat to declining enrollments, the increase in degrees must come from moving students through the system more effectively and more efficiently.

Sources: 1998 - 2003 totals: <http://www.iu.edu/~upira/reports/standard/doc/fact%20book/fbook04/programs/bachelors.shtml>

2004 - 2009 totals: <http://reports.iupui.edu/render.aspx/INSTITUTIONAL%20DATA/DEGTYPE/IUPUI> - for IUPUI only

What can Faculty do?

- ✓ Know these data
- ✓ Share these data

Strengthen support for students in the schools.

Highlights

- What has Worked

Impact of Participation in a First-Year Fall 2008 Seminar: One-Year Retention

Type of Admit	First-Year Seminar	N	Retention Rate	Adjusted Rate
Regular Admits	Non-Participants	95	68%	68%
	Participants	1700	77%	77%
	Overall	1795	76%	
Conditional Admits	Non-Participants	34	56%	57%
	Participants	536	62%	62%
	Overall	570	61%	

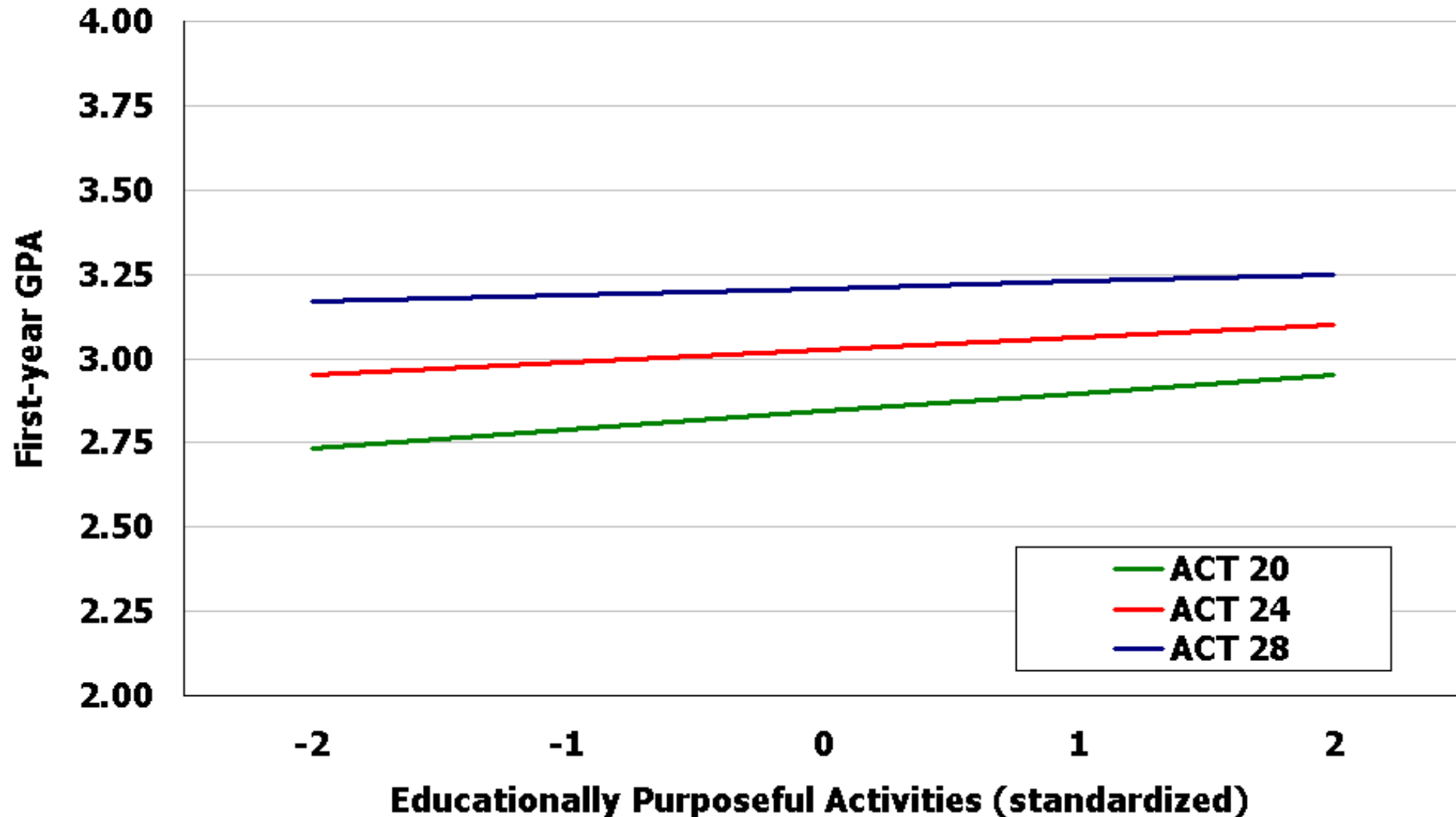
Indianapolis First-Time, Full-Time Cohort Retention													
First Year Seminar Participants vs. Non-Participants													
	Intial Totals	1 Year		2 Years		3 Years		4 Years		5 Years		6 Years	
		% retained	% graduated	% retained	% graduated	% retained	% graduated	% retained	% graduated	% retained	% graduated	% retained	% graduated
Fall 2003 Cohort													
FYS Partic	1587	69%	0%	58%	0%	51%	2%	48%	18%	45%	33%	43%	36%
FYS Non-Partic	568	60%	0%	49%	2%	44%	5%	44%	15%	41%	26%	36%	30%
Total	2155	67%	0%	56%	1%	49%	3%	47%	17%	44%	31%	41%	34%
Fall 2004 Cohort													
FYS Partic	1789	67%	0%	55%	0%	51%	2%	47%	18%	43%	27%		
FYS Non-Partic	297	61%	3%	49%	4%	42%	6%	41%	14%	39%	21%		
Total	2086	66%	0%	54%	1%	50%	3%	46%	18%	42%	26%		
Fall 2005 Cohort													
FYS Partic	1841	65%	0%	52%	0%	48%	2%	40%	9%				
FYS Non-Partic	353	58%	6%	50%	7%	46%	7%	42%	13%				
Total	2194	64%	1%	52%	1%	47%	3%	41%	10%				
Fall 2006 Cohort													
FYS Partic	2018	68%	0%	58%	0%	53%	1%						
FYS Non-Partic	251	58%	10%	53%	10%	51%	10%						
Total	2269	67%	1%	58%	1%	53%	2%						
Fall 2007 Cohort													
FYS Partic	2164	71%	0%	60%	0%								
FYS Non-Partic	286	68%	6%	59%	6%								
Total	2450	70%	1%	60%	1%								
Fall 2008 Cohort													
FYS Partic	2359	73%	0%										
FYS Non-Partic	192	77%	15%										
Total	2551	74%	1%										
Note: Graduation figures include bachelor's, associate degrees, and certificates awarded. Retained includes students awarded a degree or certificate or students who have re-enrolled.													

Highlights

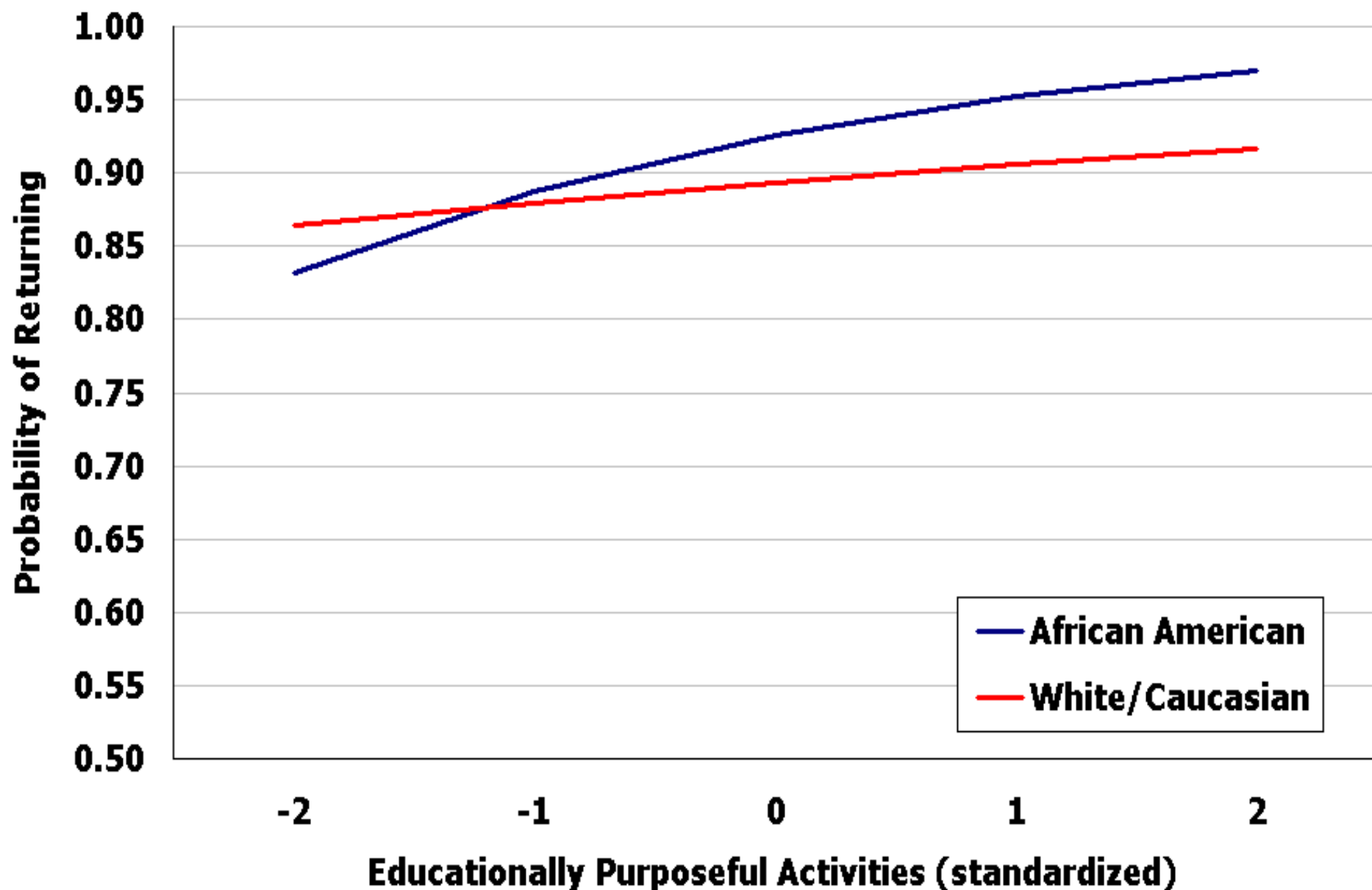
- What has Worked Nationally

Effect of Engagement on FY GPA by ACT scores

Impact of Educationally Purposeful Activities on First Academic Year GPA by Pre-College Achievement Level



Impact of Educationally Purposeful Activities on the Probability of Returning for the Second Year of College by Race



Source: 2009 Evergreen Summer Institute Kinzie and Evenbeck

What Next?

- Academic Plan: Four Year Graduation
 - PDP
 - Sophomores
 - Financial Literacy
 - Scholarships with Academic Support

Ten Years Later



Blue Friday

