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Committee Meeting: 7/10/2013

Austin, Texas

R. Steven Hicks, Chairman
Robert L. Stillwell, Vice Chairman
Paul L. Foster
Wallace L. Hall, Jr.
Brenda Pejovich

	Committee Meeting	Page
Convene	2:30 p.m. <i>Chairman Hicks</i>	
1. U. T. Dallas: Progress on implementation of the Framework for Advancing Excellence throughout The University of Texas System	2:30 p.m. Report/Discussion <i>President Daniel</i>	20
2. U. T. System: Presentation by MyEdu on connections with employers to U. T. System students	2:50 p.m. Report/Discussion <i>Mr. Michael Crosno</i> <i>Mr. Deepak Surana</i>	52
Adjourn	3:00 p.m.	

1. **U. T. Dallas: Progress on implementation of the Framework for Advancing Excellence throughout The University of Texas System**

REPORT

President Daniel will give an update on the progress at U. T. Dallas to implement the Framework for Advancing Excellence throughout The University of Texas System.

The PowerPoint is on the following pages.

The University of Texas at Dallas Framework for Advancing Excellence

U. T. System Board of Regents' Meeting
July 2013

Academic Affairs Committee



U. T. Dallas at a Glance

- Created by the founders of Texas Instruments
- Objective: “MIT of the Southwest”
- Started as a graduate program in 1969
- Transfer students admitted starting in 1976
- Freshman students admitted starting in 1990 with legislative restriction that the quality of the freshman class shall be no less than that of U. T. Austin
- Today:
 - 20,000 students (40% graduate, 60% undergraduate)
 - 82% of degrees in science, engineering, and business

Potential Impact of Research Universities (Reflecting on Founders Vision re: MIT)

- MIT alumni have founded 25,800 companies ...
- That employ 3.3 million people ...
- With annual worldwide revenues of \$2 trillion per year

For perspective:

- Gross state product of Texas: \$1.3 trillion

**Great research universities can have the
economic impact of an entire state**

Source: “*Entrepreneurial Impact: the Role of MIT*,” Kauffman Foundation (2009)

Among the nation's top 10 most economically productive cities, Dallas/Fort Worth holds the distinction of being the only one without an Association of American Universities member.

Los Angeles	4
New York City	4
Boston	3
Chicago	2
Atlanta	2
San Francisco	2
Washington DC	2
Houston	1
Philadelphia	1
Dallas-Ft Worth	0

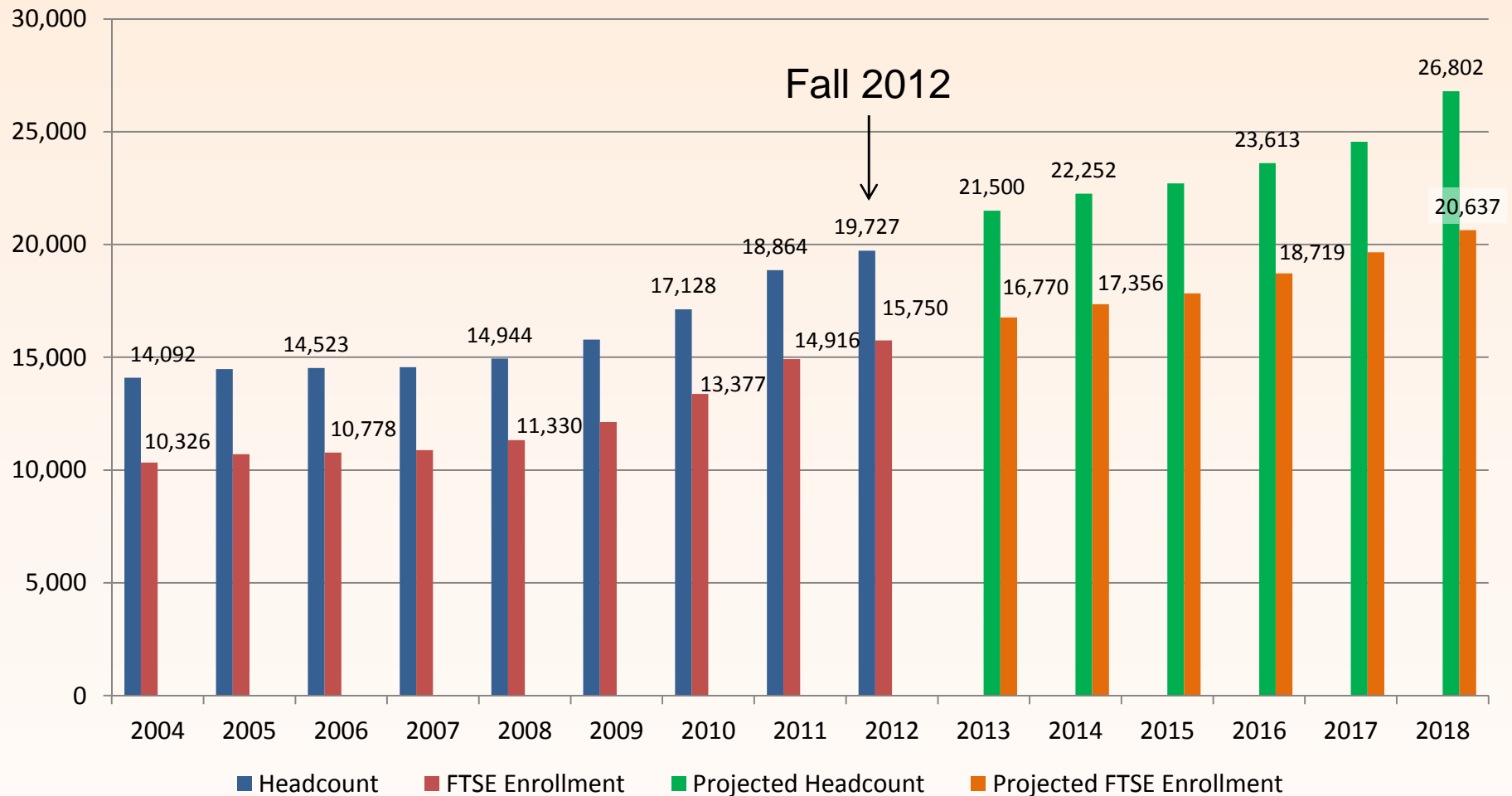
Goals and Challenges

- *“The main obstacle that UTD faces in achieving its goals relates to scale – UTD is simply too small in terms of the total number of faculty in each disciplinary or subdisciplinary area.”*
 - Washington Advisory Group Report to the U. T. System, 2004
- Our task is to increase our scale while:
 - Maintaining quality
 - Embracing principles of the Framework for Advancing Excellence

Goal 1: Student Access and Success



Fall Enrollment 2000-2012 and Projected to 2018



Actual data as reported to the Texas Higher Education Coordinating Board.

Freshman Profile

	2009	2010	2011	2012	Est. 2013
Freshman Class (Fall)	1,342	1,377	1,789	1,545	2,000
Average SAT (Math + Verbal)	1,209	1,245	1,248	1,270	1,272
Average ACT	27	27	27	28	28
Top 10% in High School Class	36%	39%	39%	42%	41%
National Merit Scholars	41	40	53	63	85

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Fall 2012 Student Profile (All Students)

Enrollment: 19,727

TOP STATES OF ORIGIN:

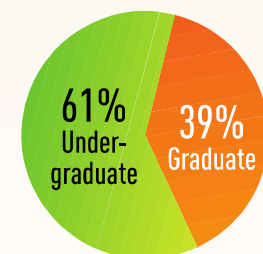
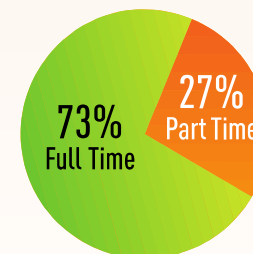
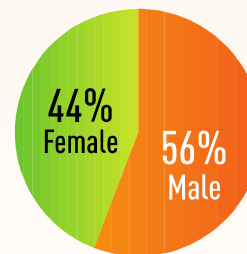
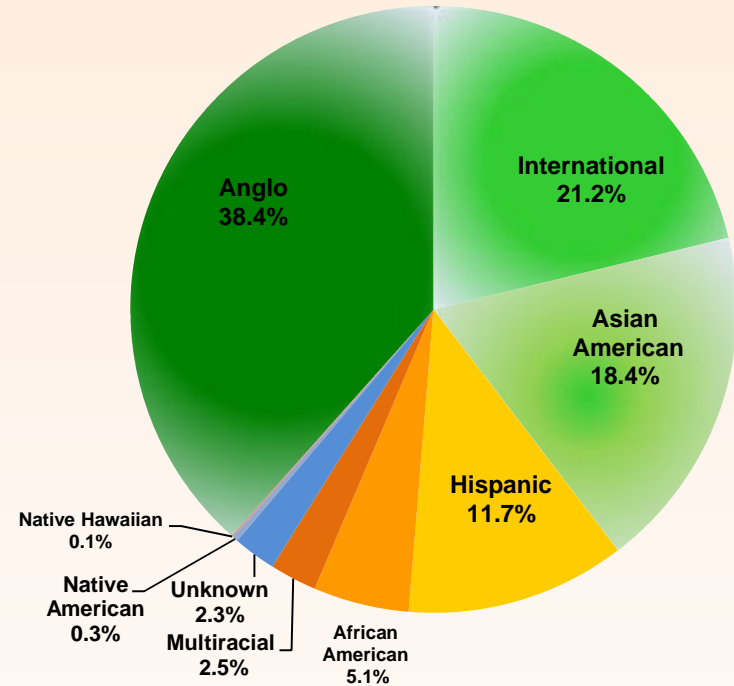
Texas, California, Illinois, New York, Louisiana, Florida

TOP TEXAS COUNTIES OF ORIGIN:

Dallas, Collin, Denton, Tarrant, Harris, Travis

TOP COUNTRIES OF ORIGIN:

USA, China, India, Taiwan, South Korea, Vietnam



The Top Majors that U. T. Dallas Freshmen are Selecting

Top 10 majors ...

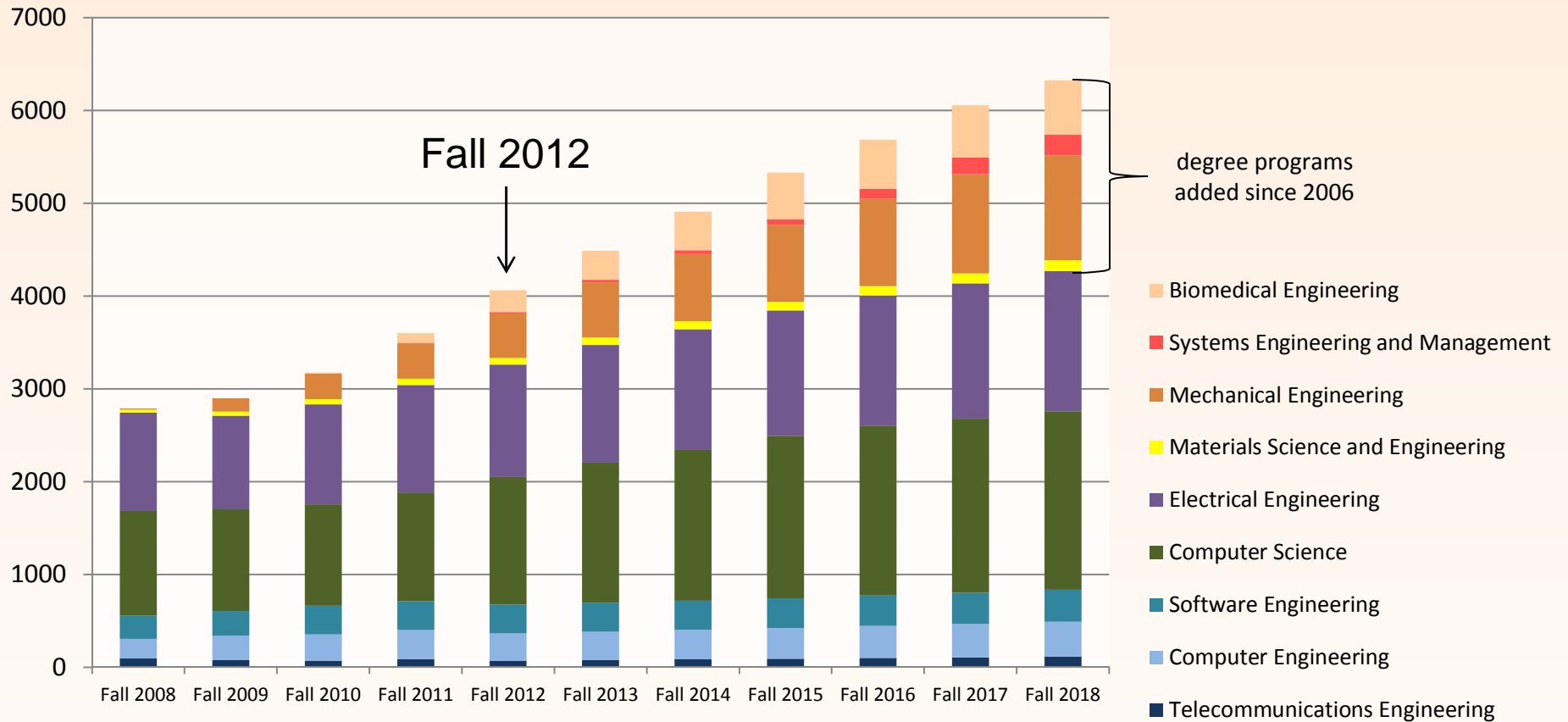
1. Biology
2. Computer Science
3. Mechanical Engineering
4. Biomedical Engineering
5. Biochemistry
6. Arts and Technology
7. Electrical Engineering
8. Psychology
9. Neuroscience
10. Computer Engineering

The next 5 ...

11. Business Administration
12. Chemistry
13. Accounting
14. Finance
15. Physics

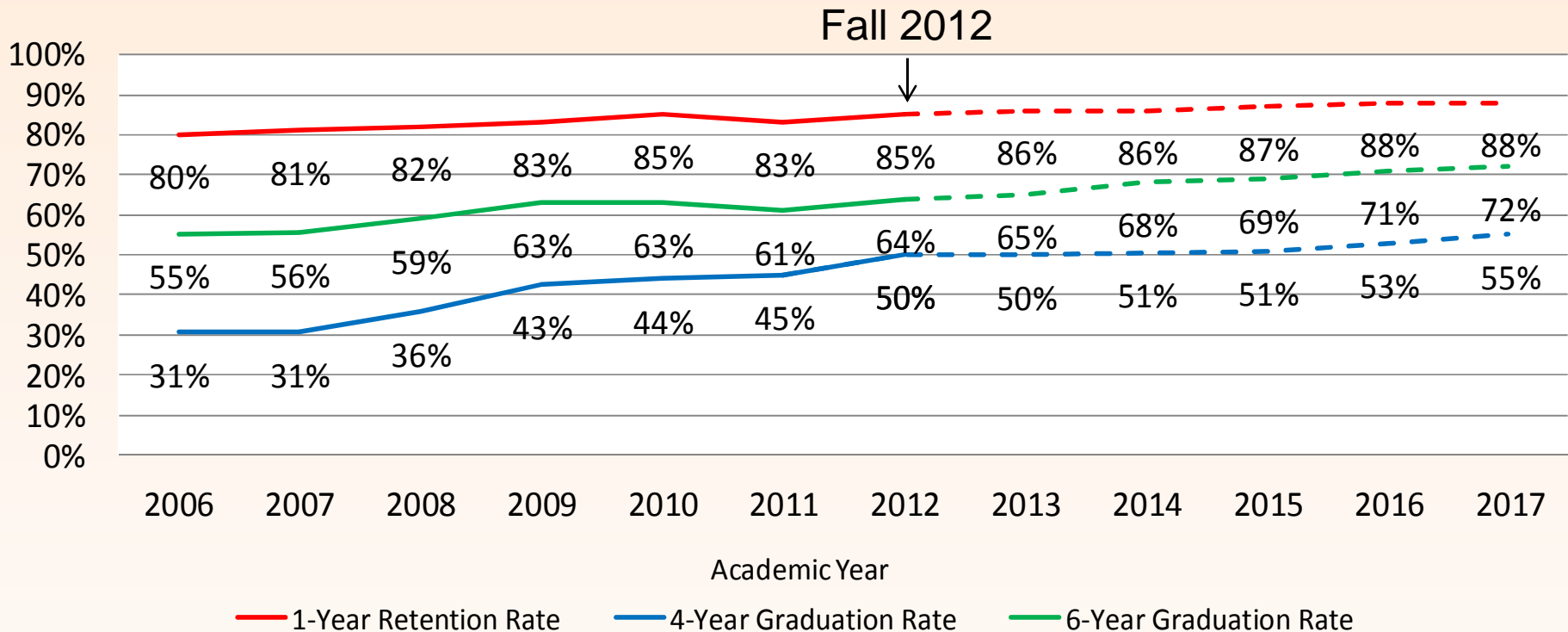
They're all high-demand fields in DFW!!

Growth in the Jonsson School of Engineering and Computer Science



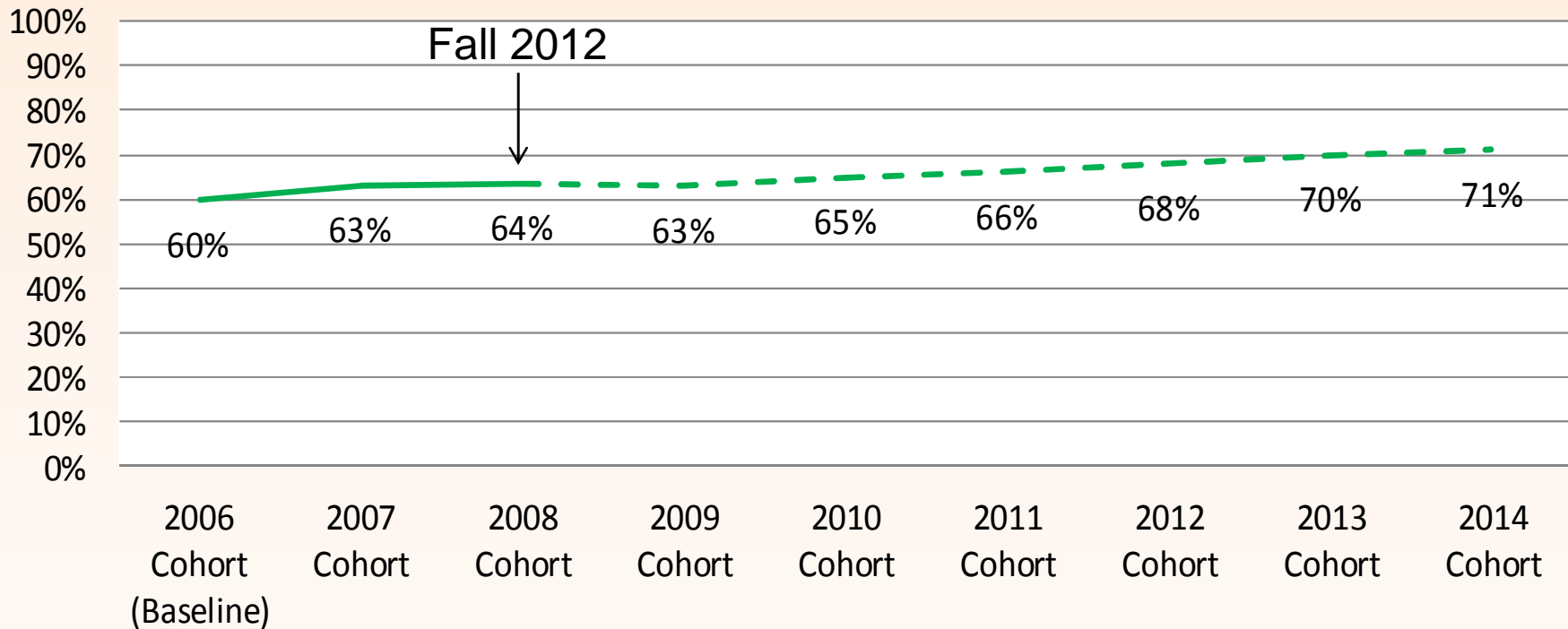
Retention and Graduation Rates

Actual and Projected to 2017 for First-Time Freshmen



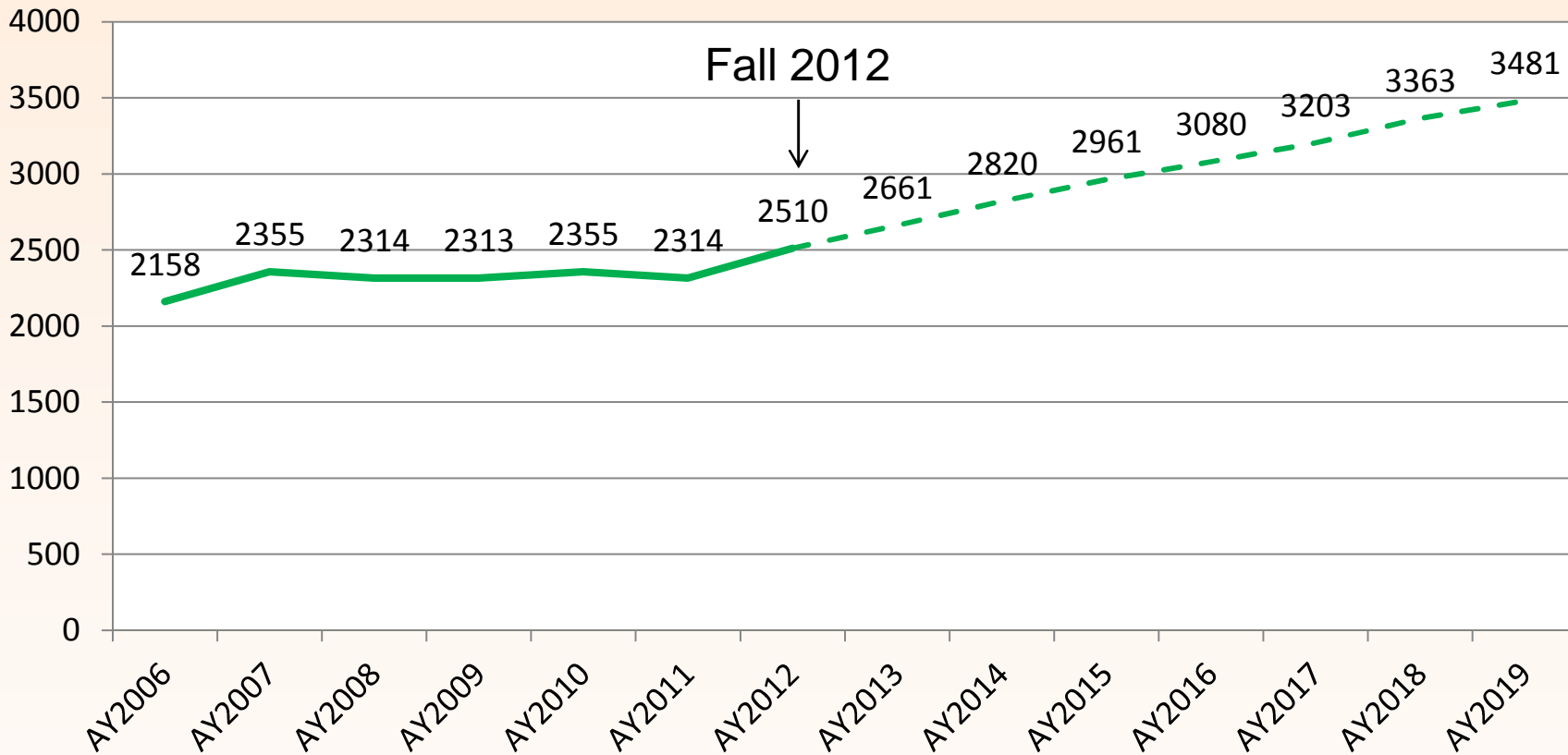
As reported in the Texas Higher Education Accountability Report. 2008 Cohort four year rate source is Legislative Budget Board report. Dashed lines represent projections reported in UTD Strategic Plan.

Four-year Graduation Rate Targets Community College Transfers



Students transferring with 30 or more semester credit hours from a community college who received an undergraduate degree within four years of enrolling. 2006 Cohort Baseline based on Texas Higher Education Coordinating Board Accountability Reports.

Bachelor's Degrees Conferred Actual and Projected



Source: Texas Higher Education Coordinating Board Higher Education Accountability System
 Projections provided by the Office of the Executive Vice President and Provost "Tuition and Fee Proposal Summary – Fall 2012 and Fall 2013"

Goal 1: Student Access and Success

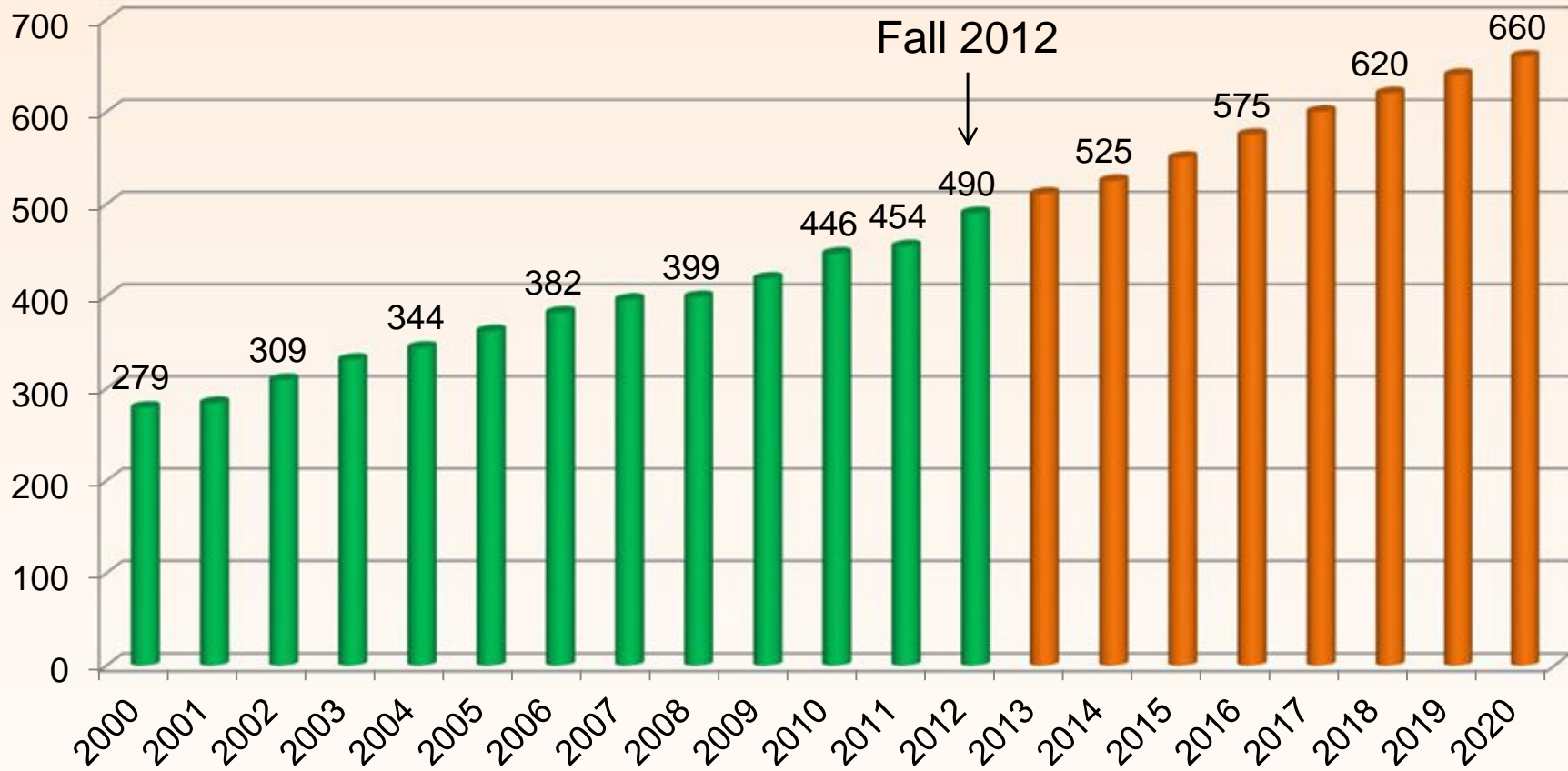
Strategy	Accomplishments	Challenges
<ul style="list-style-type: none"> • Increase number of degrees conferred 	<ul style="list-style-type: none"> • Increasing and about to “take off” 	<ul style="list-style-type: none"> • Academic space in engineering and sciences
<ul style="list-style-type: none"> • Reduce financial impact on students and families 	<ul style="list-style-type: none"> • Fixed four-year tuition for everyone • Community college connection • Financial aid 	<ul style="list-style-type: none"> • Market salaries for top faculty • Formula funding at previous biennium’s enrollment
<ul style="list-style-type: none"> • Enhance/increase blended/online learning 	<ul style="list-style-type: none"> • 16% of students each semester take an online course 	<ul style="list-style-type: none"> • Faculty support and technology costs

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Goal 2: Faculty, Administrator, and Staff Excellence



Tenured and Tenure-Track Faculty



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Meeting of the U. T. System Board of Regents - Academic Affairs Committee

Goal 2: Faculty, Administrator, and Staff Excellence

Strategy	Accomplishments	Challenges
<ul style="list-style-type: none"> Recruit, retain and reward great faculty 	<ul style="list-style-type: none"> Recruited two National Academy of Engineering (NAE) members over the last two years 	<ul style="list-style-type: none"> Academic space in engineering and sciences
<ul style="list-style-type: none"> Utilize incentive-based strategies 	<ul style="list-style-type: none"> Implemented for AY 2013-14 	<ul style="list-style-type: none"> Success is a result of team effort
<ul style="list-style-type: none"> Strengthen process for annual performance evaluations 	<ul style="list-style-type: none"> Everyone evaluated; more rigorous process 	
<ul style="list-style-type: none"> Conduct college evaluations 	<ul style="list-style-type: none"> We have been doing this for some time 	
<ul style="list-style-type: none"> Recruit outstanding administrative and faculty leadership 	<ul style="list-style-type: none"> New VP Finance (former CFO at Texas A&M University & University of North Texas) New Head of Electrical Engineering (NAE Member) 	<ul style="list-style-type: none"> Market salaries for exceptional people

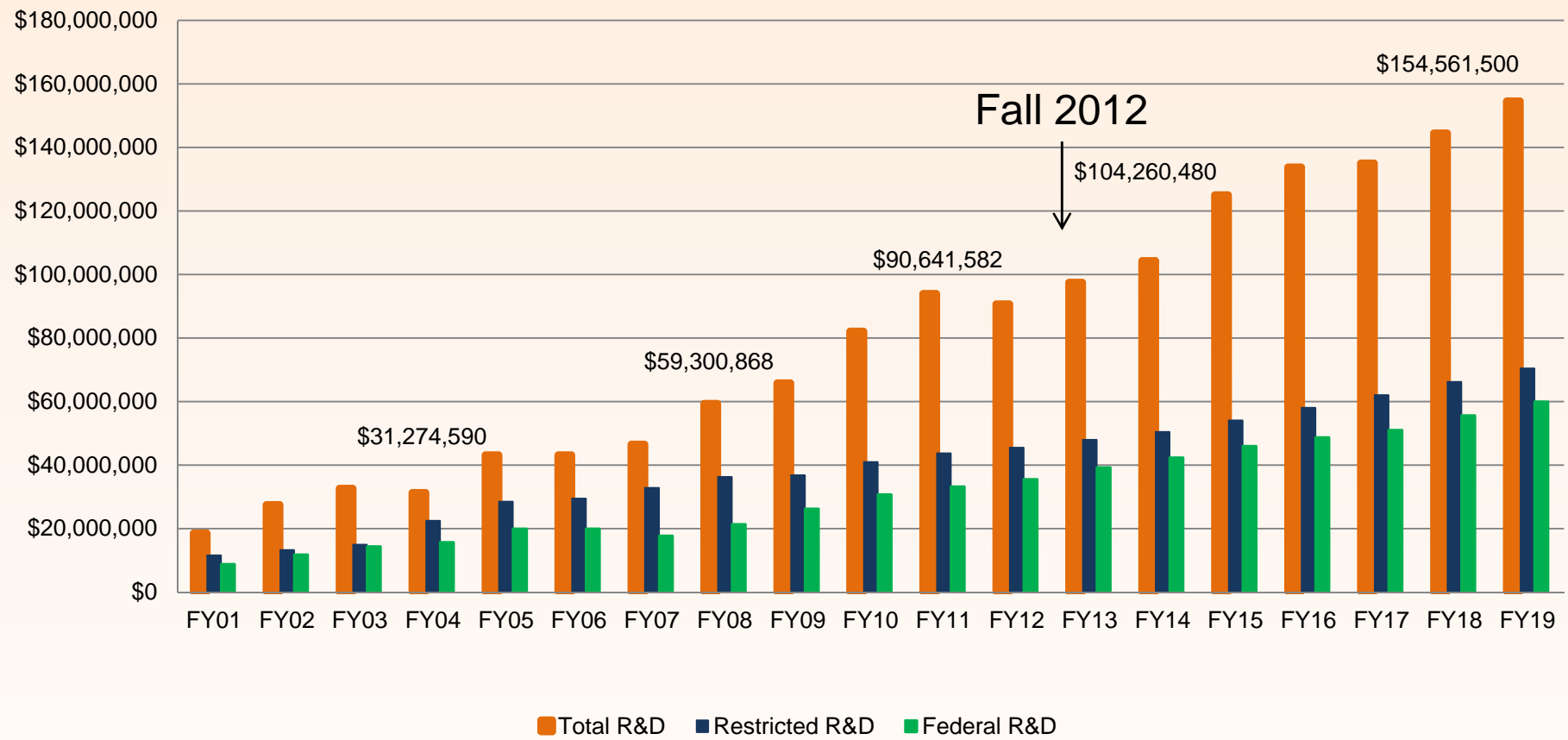
Goal 3: Research Productivity



Total, Restricted, and Federal Research and Development

FY 2001-FY 2012 and Projected to FY 2019

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Source: Office of Research



Goal 3: Research Productivity

Strategy	Accomplishments	Challenges
<ul style="list-style-type: none"> Promote strategic research collaborations 	<ul style="list-style-type: none"> Joint Bioengineering M.S. and Ph.D. with UTSW and UTA Joint Ph.D. in Mechanical Engineering with UTA 	
<ul style="list-style-type: none"> Augment technology transfer and commercialization 	<ul style="list-style-type: none"> Expanded technology commercialization laboratory Record licensing income (\$1.9 million) Record startup companies (6) 	<ul style="list-style-type: none"> U. T. System intellectual policy rules (perception and reality) Need to increase scale of U. T. Dallas
<ul style="list-style-type: none"> Support emerging research universities 	<ul style="list-style-type: none"> Business plan well developed and sound 	<ul style="list-style-type: none"> Academic space in engineering and sciences

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Goal 4: Productivity and Efficiency

Strategy	Accomplishments	Challenges
<ul style="list-style-type: none"> • Implement shared services 	<ul style="list-style-type: none"> • Completed at first level 	<ul style="list-style-type: none"> • The next level
<ul style="list-style-type: none"> • Administrative reviews 	<ul style="list-style-type: none"> • In progress 	
<ul style="list-style-type: none"> • Implement effective space utilization 	<ul style="list-style-type: none"> • U. T. Dallas often among best in Texas in space utilization 	<ul style="list-style-type: none"> • Critical need for space in engineering and sciences

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Goal 5: Information Technology Investments

Strategy	Accomplishments	Challenges
<ul style="list-style-type: none"> • Expand computational power and storage capacity 	<ul style="list-style-type: none"> • Systemwide initiative • U. T. Dallas outsourcing commodity services 	<ul style="list-style-type: none"> • Expense of Information Technology
<ul style="list-style-type: none"> • Establish system interactive database 	<ul style="list-style-type: none"> • Contributing to dashboard initiative 	

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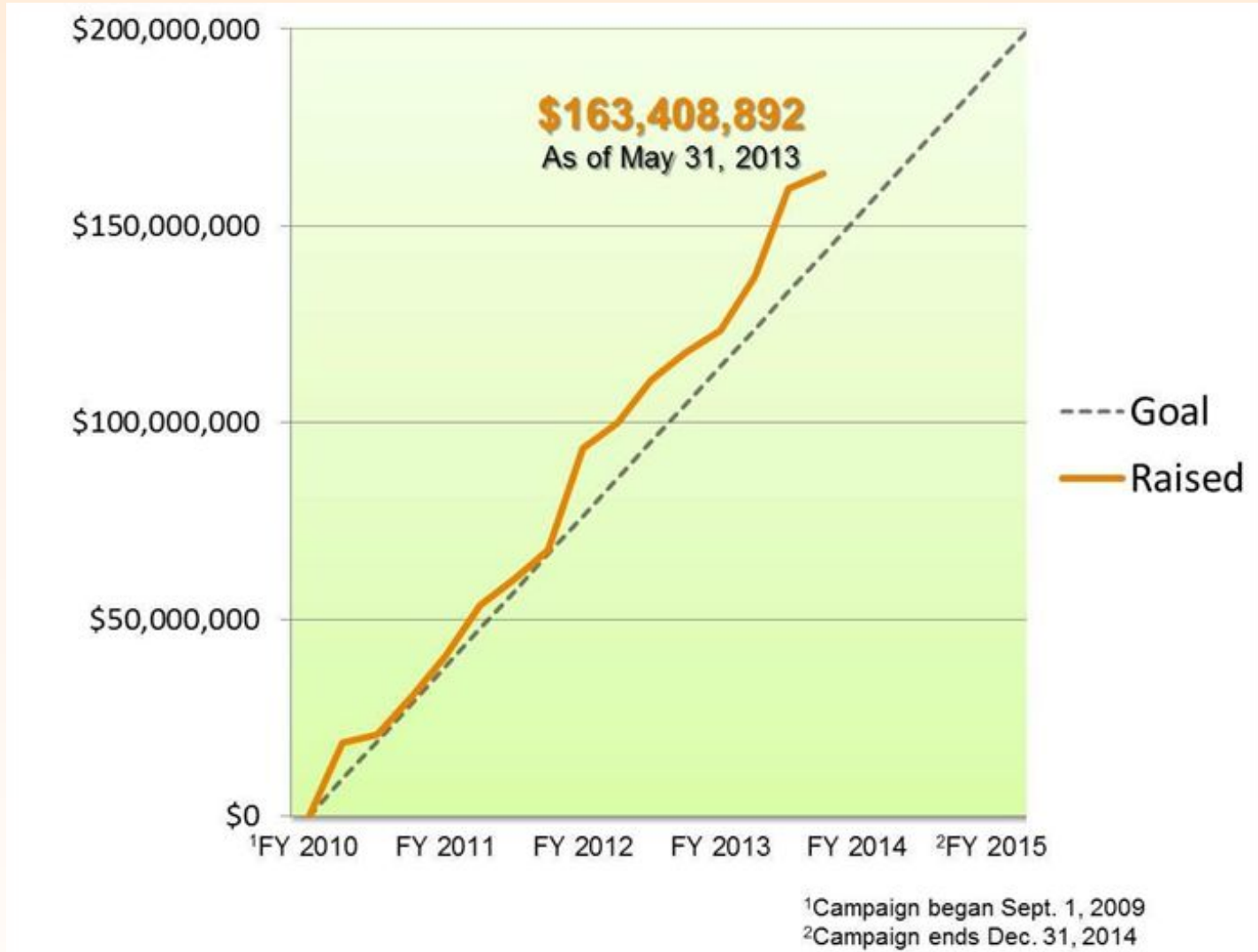
Goal 6: Enhancing Philanthropic Success



Campaign Progress



Dollars Raised



Meeting of the U. T. System Board of Regents - Academic Affairs Committee

Building our Pipeline



Avg. Annual Giving Before Campaign

FY 2007
 FY 2008 = **\$7,165,379**
 FY 2009

Avg. Annual Giving in Campaign Years

FY 2010
 FY 2011 = **\$29,006,944**
 First 1/2 FY 2012

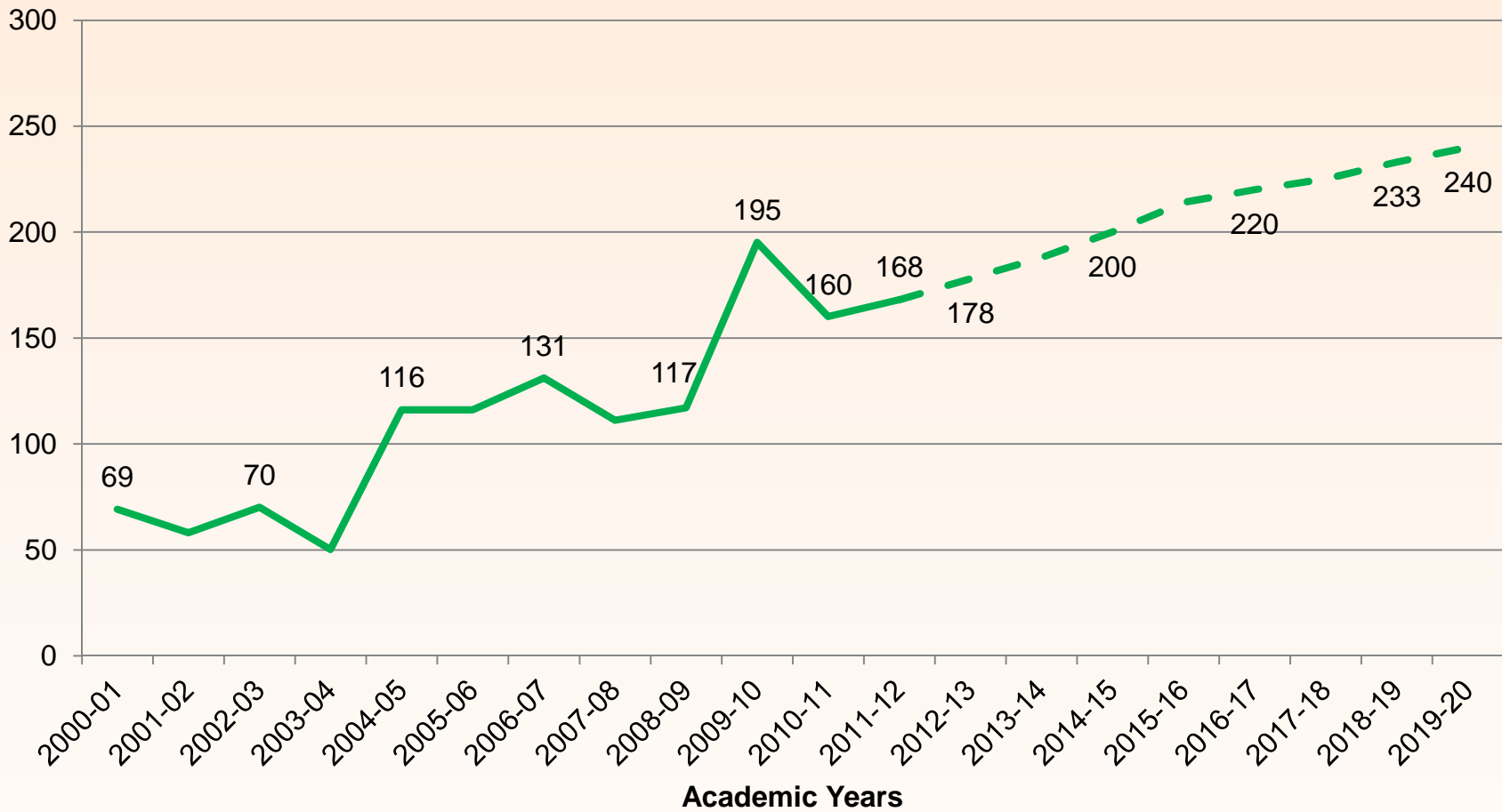
+ 400%

Goal 7: Ph.D. Programs



Ph.D. Graduates

Actual and Projected to 2020



As reported to the Texas Higher Education Coordinating Board. Projections based on Strategic Plan.

Goal 7: Ph.D. Programs

Strategy	Accomplishments	Challenges
<ul style="list-style-type: none"> • Assure high performance Ph.D. programs 	<ul style="list-style-type: none"> • All Ph.D. programs receive periodic external review 	<ul style="list-style-type: none"> • The reviews are a lot of work. (But worth it!)
<ul style="list-style-type: none"> • Mentor and advise Ph.D. students 	<ul style="list-style-type: none"> • Broadened, institutionalized procedures in development 	
<ul style="list-style-type: none"> • Incentivize shorter time to complete Ph.D. 	<ul style="list-style-type: none"> • Final process developed; implementation soon 	

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Goal 8: The Health of Texas

Strategy	Accomplishments	Challenges
<ul style="list-style-type: none"> • Implement Transformation in Medical Education (TIME) pilot projects 	<ul style="list-style-type: none"> • Completed with U. T. Southwestern 	<ul style="list-style-type: none"> • 24 slots this year; 215 applicants
<ul style="list-style-type: none"> • Advance Austin and other metropolitan areas as medical/ biotechnology research hubs 	<ul style="list-style-type: none"> • Joint M.S. and Ph.D. program with UTARL and UTSW in Bioengineering • Office of Technology Commercialization 	

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THANK YOU!



Meeting of the U. T. System Board of Regents - Academic Affairs Committee

2. **U. T. System: Presentation by MyEdu on connections with employers to U. T. System students**

REPORT

Mr. Michael Crosno, CEO and Chairman, and Mr. Deepak Surana, General Manager/Careers, of MyEdu Corporation will report on connections with employers to U. T. System students.