

# Texas State University's Transition to an Emerging Research University

by

Dr. Denise M. Trauth, President

January 2012



*The rising STAR of Texas*

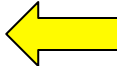
**A member of The Texas State University System**

# An Overview of Texas State University Today

# Texas State University is the 36th Largest Public University in the Nation

U.S. Public Research, Doctoral, Master's, and Baccalaureate Institutions Ranked by Fall 2010 Enrollment

Rank	Institution Name	Fall 2010 Enrollment	Rank	Institution Name	Fall 2010 Enrollment
1	Arizona State University	70,440	20	University of Arizona	39,086
2	University of Central Florida	56,106	21	Rutgers University-New Brunswick	38,912
3	Ohio State University-Main Campus	56,064	22	University of Houston	38,752
4	University of Minnesota-Twin Cities	51,721	23	University of California-Los Angeles	38,157
5	The University of Texas at Austin	51,195	24	University of Maryland-College Park	37,641
6	University of Florida	49,827	25	Temple University	37,367
7	Texas A & M University	49,129	26	University of North Texas	36,305
8	Michigan State University	46,985	27	University of California-Berkeley	35,833
9	Pennsylvania State University-Main Campus	45,233	28	California State University-Fullerton	35,590
10	University of Illinois at Urbana-Champaign	43,862	29	California State University-Northridge	35,272
11	Indiana University-Bloomington	42,464	30	University of Georgia	34,677
12	University of Washington-Seattle Campus	42,451	31	North Carolina State University at Raleigh	34,376
13	Florida International University	42,197	32	California State University-Long Beach	33,416
14	University of Wisconsin-Madison	42,180	33	The University of Texas at Arlington	32,975
15	University of Michigan-Ann Arbor	41,924	34	University of Colorado Boulder	32,697
16	Purdue University-Main Campus	41,063	35	Utah Valley University	32,670
17	University of South Florida-Main Campus	40,431	36	<b>Texas State University-San Marcos</b>	<b>32,572</b>
18	Florida State University	40,416	37	George Mason University	32,562
19	University of Maryland-University College	39,577	38	University of Missouri-Columbia	32,341



Fall 2011 is 34,113

•Thirty-two states have no public university as large as Texas State!

Source: Integrated Postsecondary Education Data System (IPEDS) Database, U.S. Department of Education.

# Total Enrollment (Preliminary)

## Texas Public Universities, Fall 2011

Institution	Number	Institution	Number
UT-Austin	51,145	Tarleton	9,885
Texas A&M	49,861	Prairie View A&M	8,623
Houston	39,824	UT-Brownsville	8,539
North Texas	35,722	Houston-Clear Lake	8,188
<b>Texas State</b>	<b>34,113</b>	West Texas A&M	7,902
UT-Arlington	33,421	TAMU-International	7,176
Texas Tech	32,327	Angelo State	6,860
UT-San Antonio	30,968	TAMU-Kingsville	6,737
UT-El Paso	22,640	UT-Tyler	6,650
UT-Pan American	19,041	Midwestern State	6,182
UT-Dallas	18,854	Houston-Victoria	4,331
Sam Houston	17,950	UT-Permian Basin	3,824
Texas Woman's University	14,459	TAMU-San Antonio	3,547
Lamar	14,021	TAMU-Central Texas	2,100
Houston-Downtown	12,918	North Texas-Dallas	2,037
Stephen F. Austin	12,903	Sul Ross	2,035
TAMU-Commerce	11,152	TAMU-Galveston	2,034
TAMU-Corpus Christi	10,192	TAMU-Texarkana	1,942
Texas Southern	10,026	Sul Ross-Rio Grande College	970

Source: Texas Higher Education Coordinating Board (THECB) Preliminary Fall Enrollment Report.

# Degrees Awarded to Hispanic Students

- **In Fall 2010, Texas State reached its goal of becoming a Hispanic Serving Institution (enrolling at least 25 percent Hispanic full-time equivalent undergraduate students). In Fall 2011, our Hispanic enrollment grew to 27 percent.**
- ***Hispanic Outlook in Higher Education* magazine ranks Texas State 14<sup>th</sup> in the nation for the number of bachelor's degrees awarded to Hispanic students and 30<sup>th</sup> in the nation for the number of master's degrees awarded to Hispanic students.**
- **In 2010-2011, Texas State awarded more than 1,490 Hispanic students these degrees.**

# Texas State and the Criteria for an Emerging Research University

## **The Texas Higher Education Coordinating Board defines Emerging Research Universities as institutions that:**

- **Offer a wide range of baccalaureate and master's programs,**
- **Serve a student population within and outside of the region,**
- **Are committed to graduate education through the doctorate in targeted areas of excellence,**
- **Award at least 20 doctoral degrees per year,**
- **Offer at least 10 doctoral programs, and/or**
- **Enroll at least 150 doctoral students.**

**When these criteria are applied to Texas State University-San Marcos:**



- **Offer a wide range of baccalaureate and master's programs:**

**Texas State University-San Marcos offers 96 baccalaureate and 87 master's programs.**

## Bachelor's Degree Programs

Accounting	B.B.A.	Electrical Engineering	B.S.
Agriculture	B.S.Ag.	Engineering Technology	B.S.T.
Agriculture-Animal Science	B.S.Ag.	English	B.A.
Agriculture-Business and Management	B.S.Ag.	Exercise and Sports Science	B.E.S.S.
Anthropology	B.A.	Family and Child Development	B.S.F.C.S.
Anthropology	B.S.	Family and Consumer Sciences	B.S.F.C.S.
Applied Arts and Sciences	B.A.A.S.	Fashion Merchandising	B.S.F.C.S.
Applied Mathematics	B.S.	Finance	B.B.A.
Applied Sociology	B.S.	French	B.A.
Art	B.A.	General Studies	B.G.S.
Athletic Training	B.S.	Geography	B.A.
Biochemistry	B.S.	Geography	B.S.
Biology	B.S.	Geography-Geographic Information Science	B.S.
Biology-Aquatic Biology	B.S.	Geography-Physical Geography	B.S.
Biology-Microbiology	B.S.	Geography-Resource and Environmental Studies	B.S.
Biology-Wildlife Biology	B.S.	Geography-Urban and Regional Planning	B.S.
Chemistry	B.S.	Geography-Water Studies	B.S.
Clinical Laboratory Science	B.S.C.L.S.	German	B.A.
Communication Design	B.F.A.	Health and Fitness Management	B.E.S.S.
Communication Disorders	B.S.C.D.	Health and Wellness Promotion	B.H.W.P.
Communication Studies	B.A.	Health Information Management	B.S.H.I.M
Computer Information Systems	B.B.A.	Healthcare Administration	B.H.A.
Computer Science	B.A.	History	B.A.
Computer Science	B.S.	Industrial Engineering	B.S.
Concrete Industry Management	B.S.	Industrial Technology	B.S.T.
Construction Science and Management	B.S.	Industrial Technology-Manufacturing Technology	B.S.T.
Criminal Justice	B.S.C.J.	Interdisciplinary Studies	B.S.
Criminal Justice-Corrections	B.S.C.J.	Interior Design	B.S.F.C.S.
Criminal Justice-Law Enforcement	B.S.C.J.	International Studies	B.A.I.S.
Dance	B.F.A.	International Studies-International Relations	B.A.I.S.
Economics	B.A.	Management	B.B.A.
Economics	B.B.A.	Manufacturing Engineering	B.S.

## Bachelor's Degree Programs (continued)

Marketing	B.B.A.
Mass Communication	B.A.
Mass Communication-Advertising	B.A.
Mass Communication-Electronic Media	B.A.
Mass Communication-Journalism	B.A.
Mass Communication-Public Relations	B.A.
Mathematics	B.A.
Mathematics	B.S.
Music	B.A.
Music Studies	B.M.
Musical Theatre	B.F.A.
Nursing	B.S.N.
Nutrition and Foods	B.S.F.C.S.
Performance	B.M.
Philosophy	B.A.
Photography	B.F.A.
Physics	B.A.
Physics	B.S.
Political Science	B.A.
Psychology	B.A.
Psychology	B.S.
Public Administration	B.P.A.
Radiation Therapy	B.S.R.T.
Recreational Administration	B.S.R.A.
Respiratory Care	B.S.R.C.
Social Work	B.S.W.
Sociology	B.A.
Sound Recording Technology	B.S.
Spanish	B.A.
Studio Art	B.F.A.
Theatre	B.A.
Theatre	B.F.A.

## Master's Degree Programs

School Psychology	S.S.P.	Elementary Education	M.A.
Accounting	M.Acy.	Elementary Education-Bilingual/Bicultural	M.A.
Accounting	M.Acy./B.B.A	Elementary Education-Bilingual/Bicultural	M.Ed
Accounting and Information Technology	M.S.	Family and Child Studies	M.S.
Adult Education	M.A.	Geography	M.A.Geo.
Agricultural Education	M.Ed	Geography	M.S.
Anthropology	M.A.	Geography-Geographic Information Science	M.A.Geo.
Applied Mathematics	M.S.	Geography-Land Management	M.A.Geo.
		Geography-Resource and Environmental Studies	M.A.Geo.
Applied Philosophy and Ethics	M.A.	Health Education	M.Ed
Applied Sociology	M.S.	Health Psychology	M.A.
Aquatic Resources	M.S.	Health Services Research	M.S.
Athletic Training	M.S.	Healthcare Administration	M.H.A.
Biochemistry	M.S.	Healthcare Human Resources	M.S.
Biology	M.A.	History	M.A.
Biology	M.Ed	History	M.Ed
Biology	M.S.	Human Nutrition	M.S.
Business Administration	M.B.A.	Industrial Technology	M.S.T.
Chemistry	M.A.	Interdisciplinary Studies	M.A.I.S.
Chemistry	M.S.	Interdisciplinary Studies	M.S.I.S.
Communication Design	M.F.A.	International Studies	M.A.
Communication Disorders	M.A.	Legal Studies	M.A.
Communication Disorders	M.S.C.D.	Legal Studies-Environmental Law	M.A.
Communication Studies	M.A.	Legal Studies-Legal Administration	M.A.
Computer Science	M.A.	Literature	M.A.
Computer Science	M.S.	Management of Technical Education	M.Ed
Creative Writing	M.F.A.	Mass Communication	M.A.
Criminal Justice	M.S.C.J.	Materials Physics	M.S.
Developmental Education	M.A.	Mathematics	M.Ed
Educational Leadership	M.A.	Mathematics	M.S.
Educational Leadership	M.Ed	Middle School Mathematics Teaching	M.Ed
Educational Technology	M.Ed	Music	M.M
Elementary Education	M.Ed		

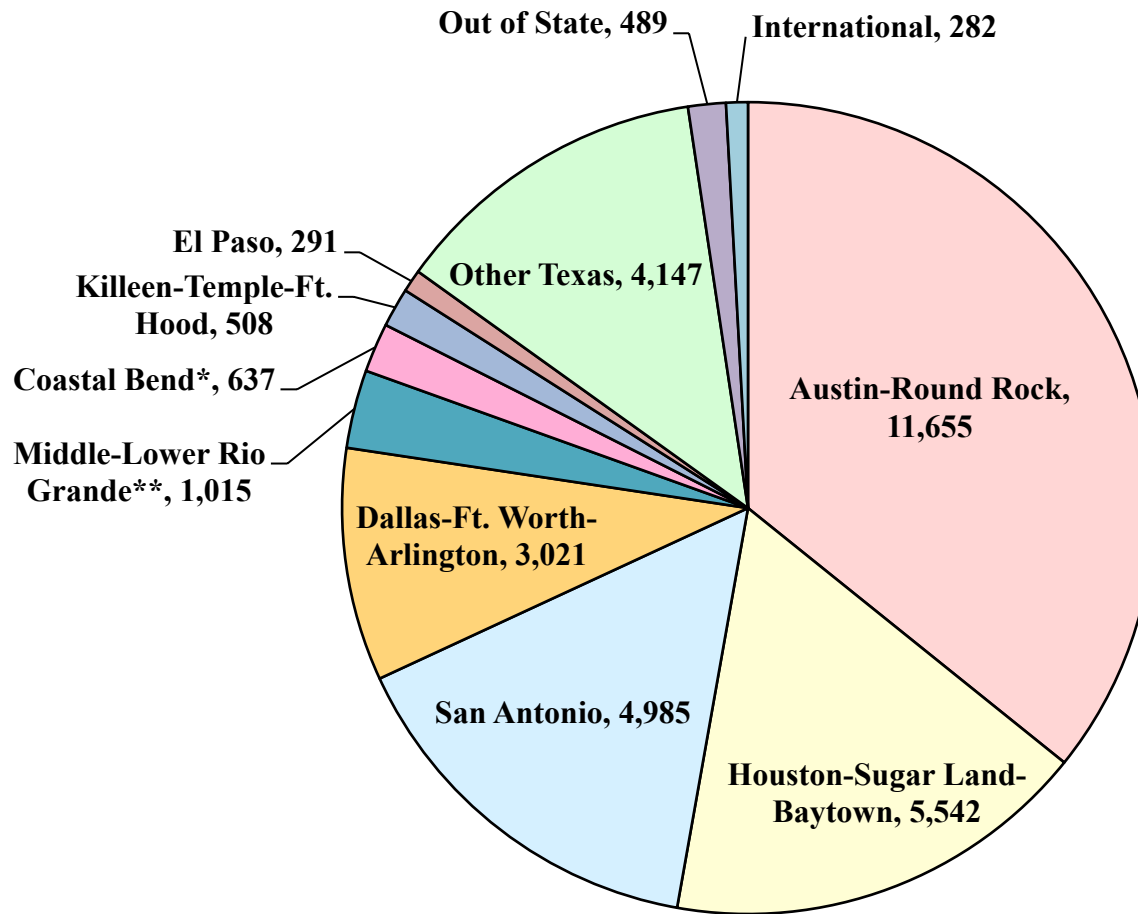
## Master's Degree Programs (continued)

Music Education	M.M
Physical Education	M.Ed
Physics	M.S.
Political Science	M.A.
Population and Conservation Biology	M.S.
Professional Counseling	M.A.
Public Administration	M.P.A.
Reading Education	M.Ed
Recreation and Leisure Services-Recreation Management	M.S.R.L.S.
Recreation and Leisure Services-Therapeutic Recreation	M.S.R.L.S.
Rhetoric and Composition	M.A.
Secondary Education	M.A.
Secondary Education	M.Ed
Social Work-Administration/Supervision Practice	M.S.W.
Social Work-Direct Practice	M.S.W
Sociology	M.A.
Software Engineering	M.S.
Spanish	M.A.
Special Education	M.Ed
Student Affairs in Higher Education	M.Ed
Technical Communication	M.A.
Theatre	M.A.
Wildlife Ecology	M.S.

- **Serve a student population within and outside of the region:**

**Texas State University-San Marcos serves over 34,000 students with students representing 233 of 254 Texas counties, 48 of 50 states, and 71 of 196 countries.**

# Fall 2010 Enrollment by Texas Metropolitan Statistical Areas



\*Corpus Christi and Victoria

\*\*Brownsville-Harlingen, Laredo, McAllen-Edinburg-Mission

- **Are committed to graduate education through the doctorate in targeted areas of excellence:**

**Texas State University-San Marcos is committed to graduate education through the doctorate in targeted areas of excellence. Texas State's commitment to graduate education is university-wide:**

- **Texas State's average master's graduation rate of 62 percent is higher than three of the universities currently classified as Emerging Research Universities,**
- **Texas State's doctoral graduation rate of 53 percent is higher than all except one of the universities originally classified as Emerging Research Universities, and**
- **Texas State ranks 30<sup>th</sup> in the nation for the number of master's degrees awarded to Hispanic students.**



# Master's and Doctoral Graduation Rates at Other Emerging Research Universities and Texas State University-San Marcos

## Master's Graduation Rate at Emerging Research Universities Including Texas State University-San Marcos by Fiscal Year\*

	2006	2007	2008	2009	2010	2011*	5-Yr Ave
The University of Texas at Dallas	74.4%	73.7%	69.6%	72.7%	69.2%		71.9%
Texas Tech University	66.0%	65.9%	68.8%	69.9%	67.6%		67.6%
University of Houston	65.8%	65.3%	62.0%	63.4%	69.4%		65.2%
University of North Texas	61.2%	62.0%	62.5%	65.1%	66.0%		63.4%
<b>Texas State University-San Marcos</b>	<b>58.4%</b>	<b>58.4%</b>	<b>64.7%</b>	<b>61.1%</b>	<b>66.6%</b>	<b>70.5%</b>	<b>61.8%</b>
The University of Texas at Arlington	60.2%	60.1%	59.6%	53.8%	54.8%		57.7%
The University of Texas at San Antonio	55.3%	52.6%	53.7%	51.7%	57.0%		54.1%
The University of Texas at El Paso	47.3%	47.0%	50.6%	53.4%	51.6%		50.0%

\* 2011 data are preliminary.

## Doctoral Graduation Rate at Emerging Research Universities Including Texas State University-San Marcos by Fiscal Year\*

	2006	2007	2008	2009	2010	2011	5-Yr Ave
Texas Tech University	51.1%	52.8%	57.4%	60.2%	67.5%		57.8%
<b>Texas State University-San Marcos</b>	<b>50.0%</b>	<b>50.0%</b>	<b>66.7%</b>	<b>71.4%</b>	<b>33.3%</b>	<b>44.4%</b>	<b>52.6%</b>
The University of Texas at San Antonio	37.5%	70.0%	30.8%	47.6%	80.0%		53.2%
The University of Texas at El Paso	56.4%	40.6%	53.8%	44.9%	60.4%		51.2%
University of Houston	37.0%	50.4%	54.6%	50.8%	52.8%		49.1%
University of North Texas	48.5%	46.7%	47.4%	53.3%	42.6%		47.7%
The University of Texas at Arlington	38.4%	36.7%	39.8%	51.0%	55.1%		44.2%
The University of Texas at Dallas	36.5%	38.8%	34.6%	51.8%	40.0%		40.3%

\* 2011 data are preliminary.

Source: Accountability System and Graduation Report, Tx Higher Ed Coordinating Board.

Updated by Institutional Research on 26-Oct-2011.

- **Award at least 20 doctoral degrees per year:**

**In 2010-2011, 64 doctoral degrees were awarded, 25 of which were Ph.Ds.**

# Doctoral Degrees Awarded at Other Emerging Research Universities and Texas State University-San Marcos

## Doctoral Degrees Awarded at Emerging Research Universities

### Including Texas State University-San Marcos in Fiscal Years

	2006	2007	2008	2009	2010	2011
Texas Tech University	213	199	221	201	243	
University of Houston	241	248	262	235	233	
University of North Texas	152	214	211	175	219	
The University of Texas at Dallas	116	131	111	117	195	
The University of Texas at Arlington	104	123	153	113	127	
The University of Texas at San Antonio	29	48	61	46	60	
The University of Texas at El Paso	34	42	35	59	54	
<b>Texas State University-San Marcos</b>	<b>15</b>	<b>24</b>	<b>9</b>	<b>17</b>	<b>26</b>	<b>64</b>

Source: Accountability System, Texas Higher Education Coordinating Board and Institutional Research.

Compiled by Institutional Research on 3-Oct-2011.

## Doctoral Degrees Awarded at Texas State University-San Marcos

Doctoral Programs at Texas State University-San Marcos	FY 05-06	FY 06-07	FY 07-08	FY 08-09	FY 09-10	FY 10-11	FY 11-12	Projected FY 11-12
Environmental Geography Ph.D.	3	7	4	2	1	7		4
Geographic Education Ph.D.	3	2	1	3	3	1		1
Geographic Information Science, Ph.D.	2	4	2	1	3	3		8
School Improvement Ph.D.	3	4	0	3	6	2		4
Adult, Professional & Community Education Ph.D.	4	6	2	5	8	7		8
Aquatic Resources Ph.D.	0	1	0	3	4	5		8
Physical Therapy D.P.T.			New	0	0	39		40
Mathematics Education Ph.D.			New	0	1	0		5
Criminal Justice Ph.D.					New	0		0
Developmental Education Ph.D.							New	0
Developmental Education Ed.D.							New	0
Materials Science, Engineering & Commercialization Ph.D.							New	0
<b>Total Degrees Awarded</b>	<b>15</b>	<b>24</b>	<b>9</b>	<b>17</b>	<b>26</b>	<b>64</b>		<b>78</b>

- **Offer at least 10 doctoral programs:**

**Texas State University-San Marcos offers 12 doctoral programs in targeted areas of excellence.**

# Doctoral Programs

<u>Degree Program</u>	<u>Degree</u>
Aquatic Resources	Ph.D.
Criminal Justice	Ph.D.
Developmental Education*	Ph.D.
Developmental Education*	Ed.D.
Ed-Adult, Professional and Community Ed	Ph.D.
Ed-School Improvement	Ph.D.
Geog-Environmental Geography	Ph.D.
Geog-Geographic Information Science	Ph.D.
Geog-Geographic Education	Ph.D.
Materials Science, Engineering & Commercialization**	Ph.D.
Mathematics Education	Ph.D.
Physical Therapy	D.P.T.

\*Approved in July 2011.

\*\*Approved in October 2011.

Sources: *Texas State University Degree Program Inventory.*

- **Enroll at least 150 doctoral students.**

**Texas State University-San Marcos enrolled 404 doctoral students in Fall 2011.**

# Texas State Doctoral Enrollees – Fall 2011

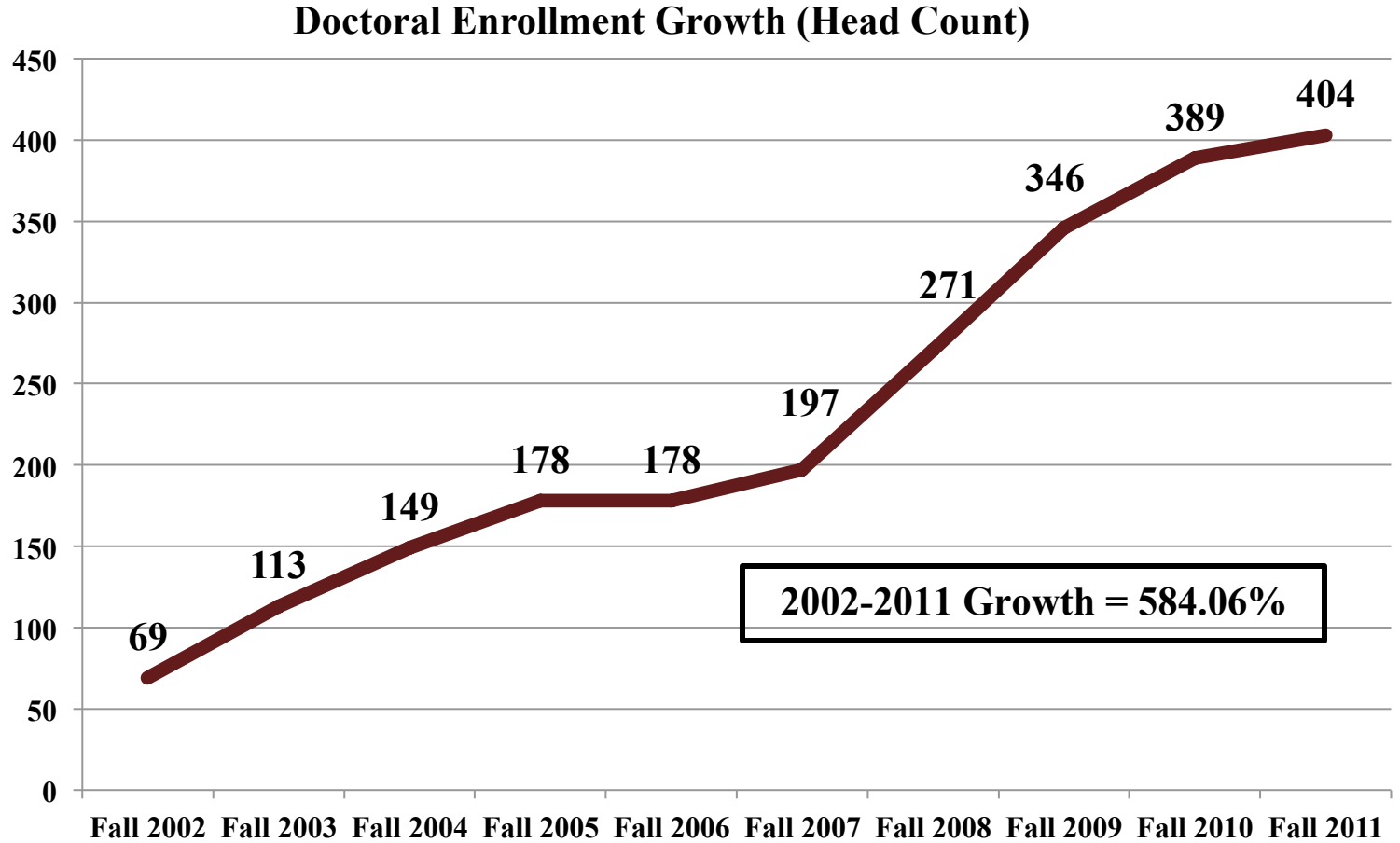
	<u>Degree Program</u>	<u>Number</u>
Aquatic Resources	Ph.D.	31
Criminal Justice	Ph.D.	36
Developmental Education	Ph.D.	3*
Developmental Education	Ed.D.	3*
Ed-Adult, Professional and Community Ed	Ph.D.	62
Ed-School Improvement	Ph.D.	63
Geog-Environmental Geography	Ph.D.	30
Geog-Geographic Information Science	Ph.D.	18
Geog-Geographic Education	Ph.D.	18
Materials Science, Engineering & Commercialization	Ph.D.	New
Mathematics Education	Ph.D.	22
Physical Therapy	D.P.T.	118
	<b>TOTAL</b>	<b>404</b>

\*Approved in July 2011.

Sources: Institutional Research Office Pivot Tables.



# Doctoral Enrollments Have Grown

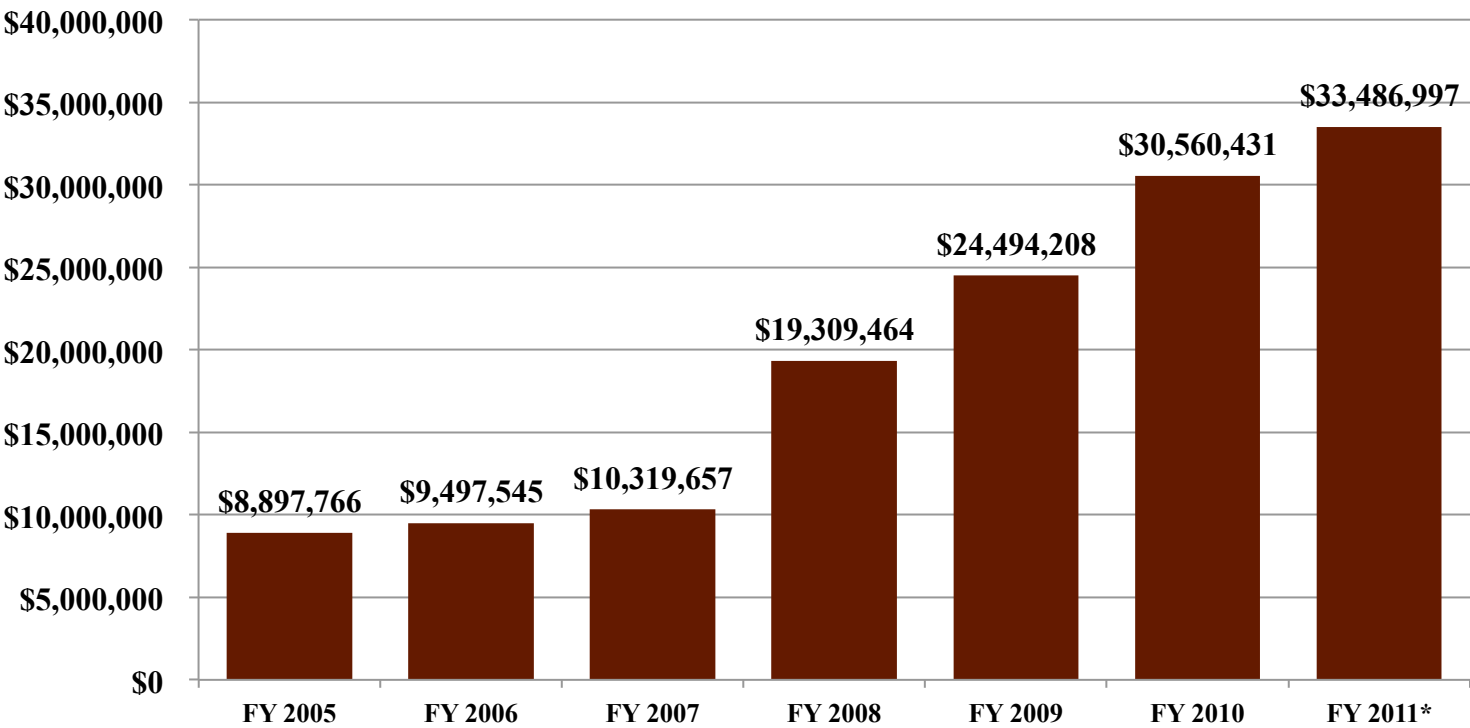


Source: Texas State Institutional Research Pivot Tables.

**Additionally, Texas State University-San Marcos' research expenditures have grown dramatically, and now far exceed the \$14 million threshold cited in the Coordinating Board's "Accountability in Higher Education: Promoting Excellence in Texas Public Universities through Institutional Groupings, Peers, and Benchmarks."**

# Research Expenditures Have Increased Significantly at Texas State

Total Expenditures for Research and Other Research-Related Sponsored Programs - FY 2005-FY 2011

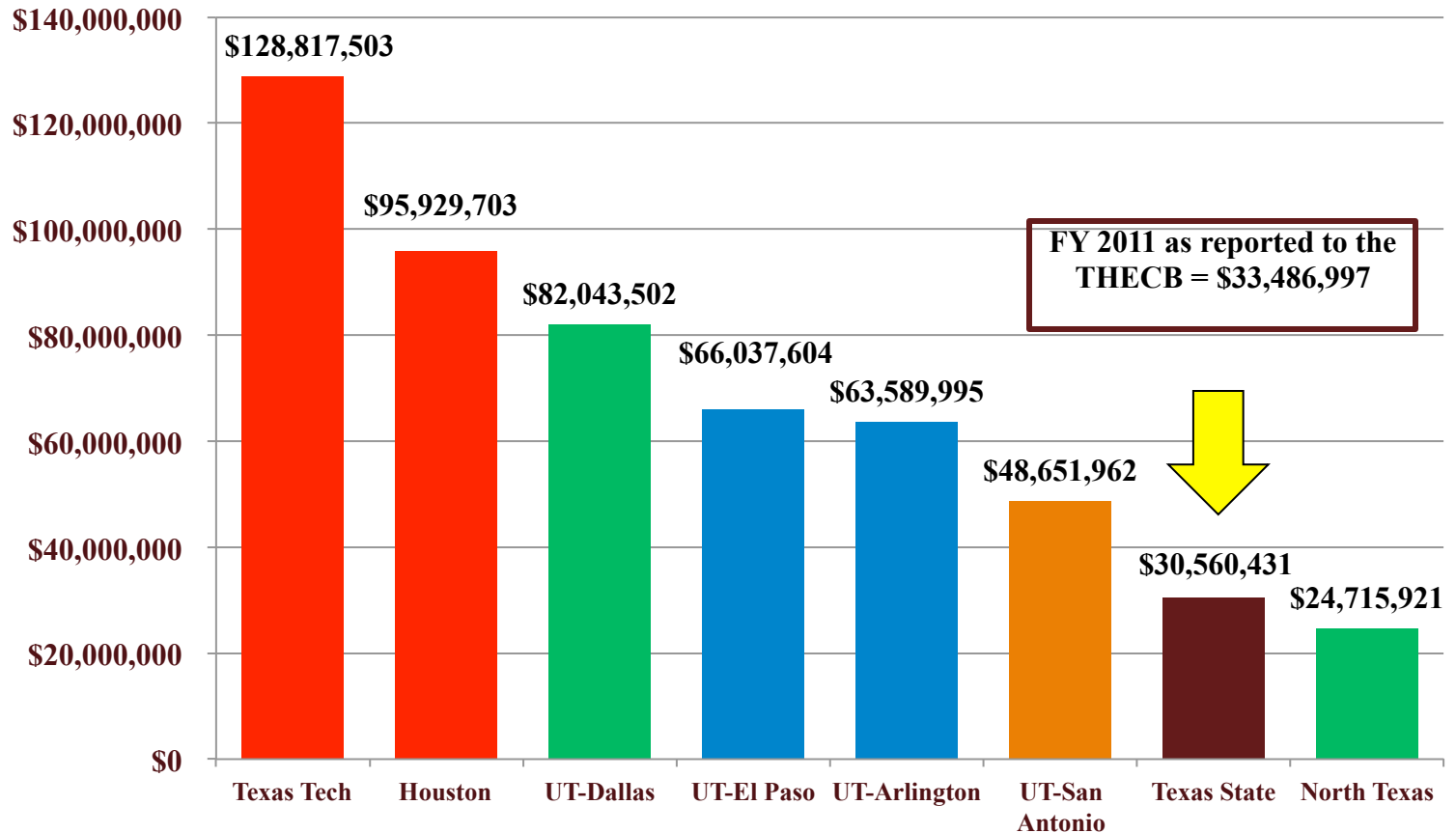


Source: THECB Accountability System.  
\*FY 2011 is unofficial as reported to the THECB.

# Research Expenditures

## (Texas State and Other Emerging Research Universities)

Total Research Expenditures - FY 2010

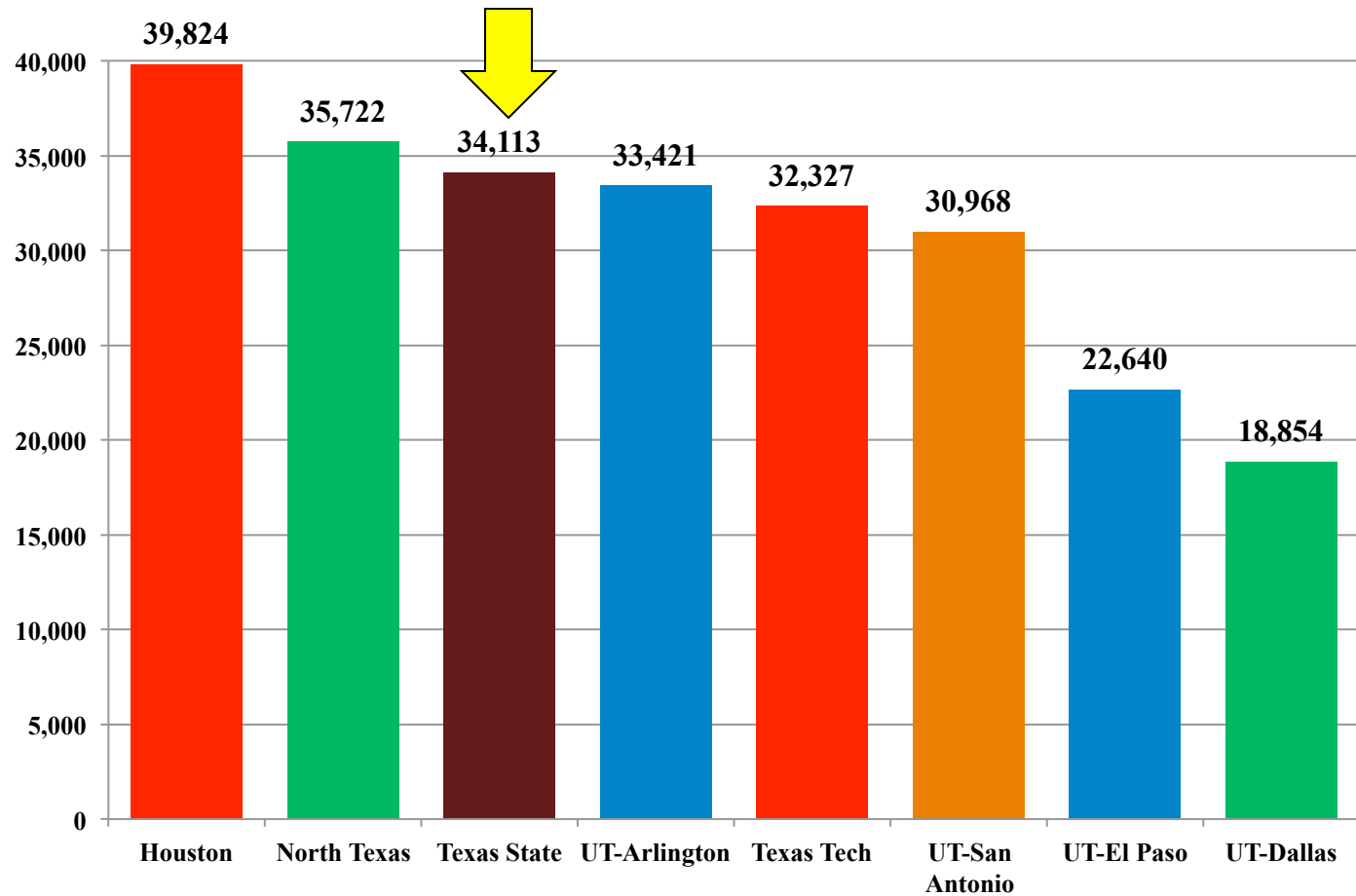


**Even with this dramatic increase in research, Texas State retains a firm commitment to undergraduate education. As President Trauth wrote to Commissioner Paredes in September of 2011:**

**. . . Texas State is deeply committed to undergraduate student success even as we broaden our mission to include doctoral programs and an expanded research agenda. Indeed, if you look at our undergraduate success metrics -- our retention and graduation rates -- since we awarded our first Ph.D. degree in 2000, you will note that both metrics have gone up -- and the graduation rate dramatically so -- since that date. . . . In addition to these accomplishments, Texas State has become a Hispanic Serving Institution (HSI) and claims the highest first-year persistence rates and six-year graduation rates of any of Texas's Emerging Research or Doctoral Universities currently classified as Hispanic Serving Institutions.**

# Comparisons of Texas State with Other Emerging Research Universities

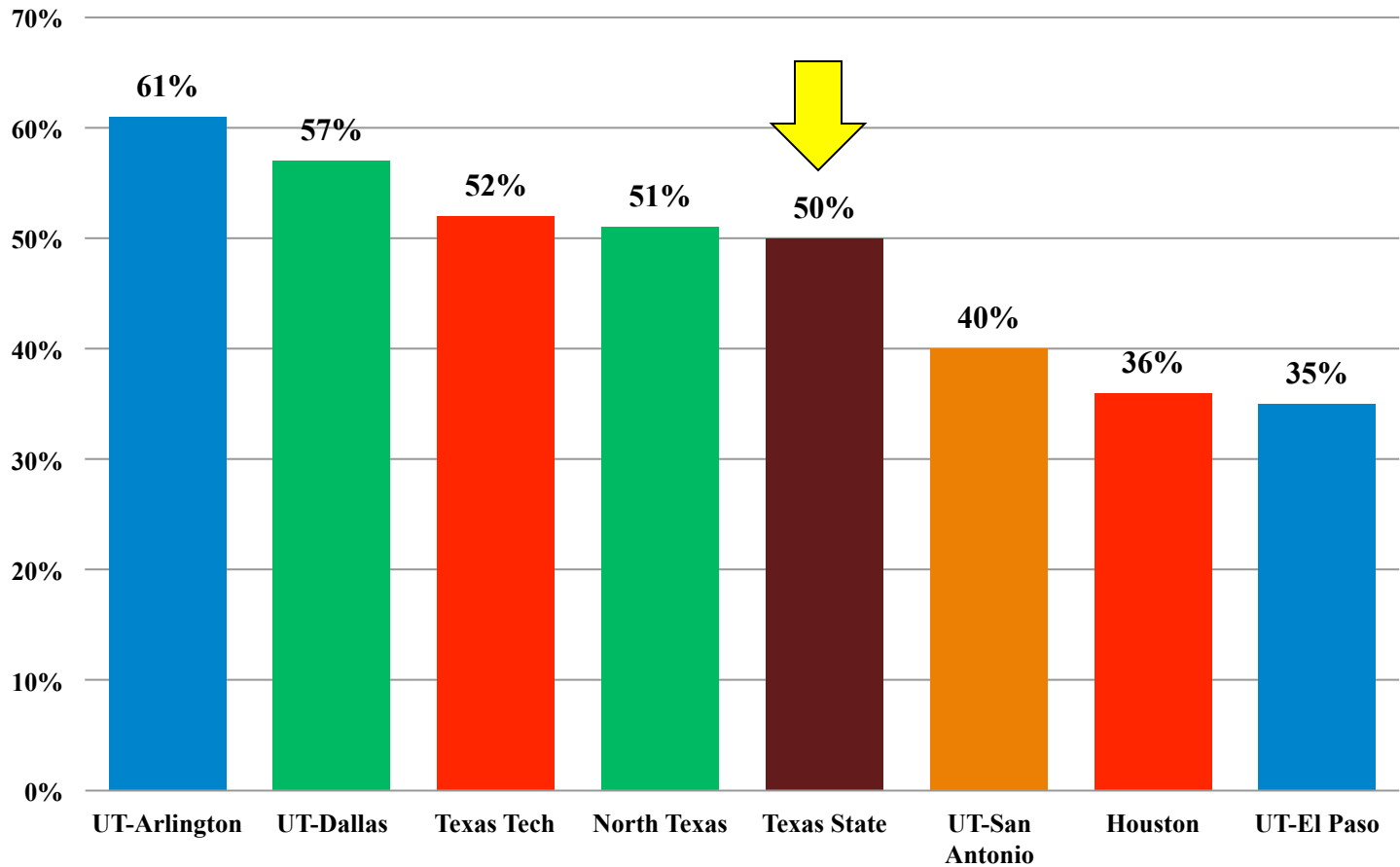
# Enrollment at Texas State and Other Emerging Research Universities Fall 2011 Preliminary Headcount Enrollment



Source: Texas Higher Education Coordinating Board (THECB) Preliminary Fall Enrollment Report.

# First-Time Freshmen in Top Quarter of High School Class - Fall 2010

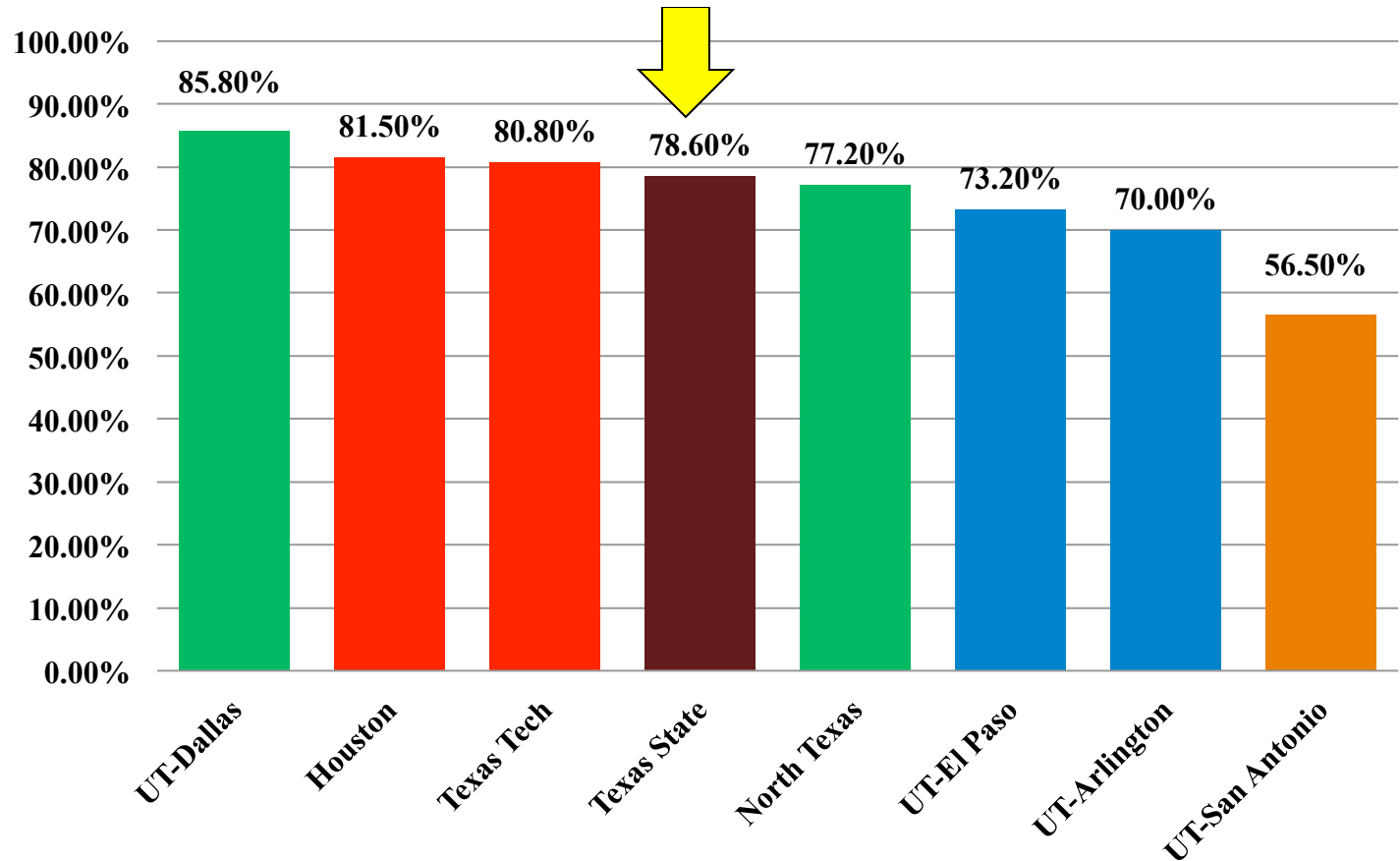
## Texas State and Other Emerging Research Universities



Source: THECB First-Time Undergraduate Applicant, Acceptance, and Enrollment Information for Summer/Fall 2010.



# Freshman Retention Rates-Texas State and Other Emerging Research Universities (Fall 2009 Freshmen Enrolled Fall 2010)

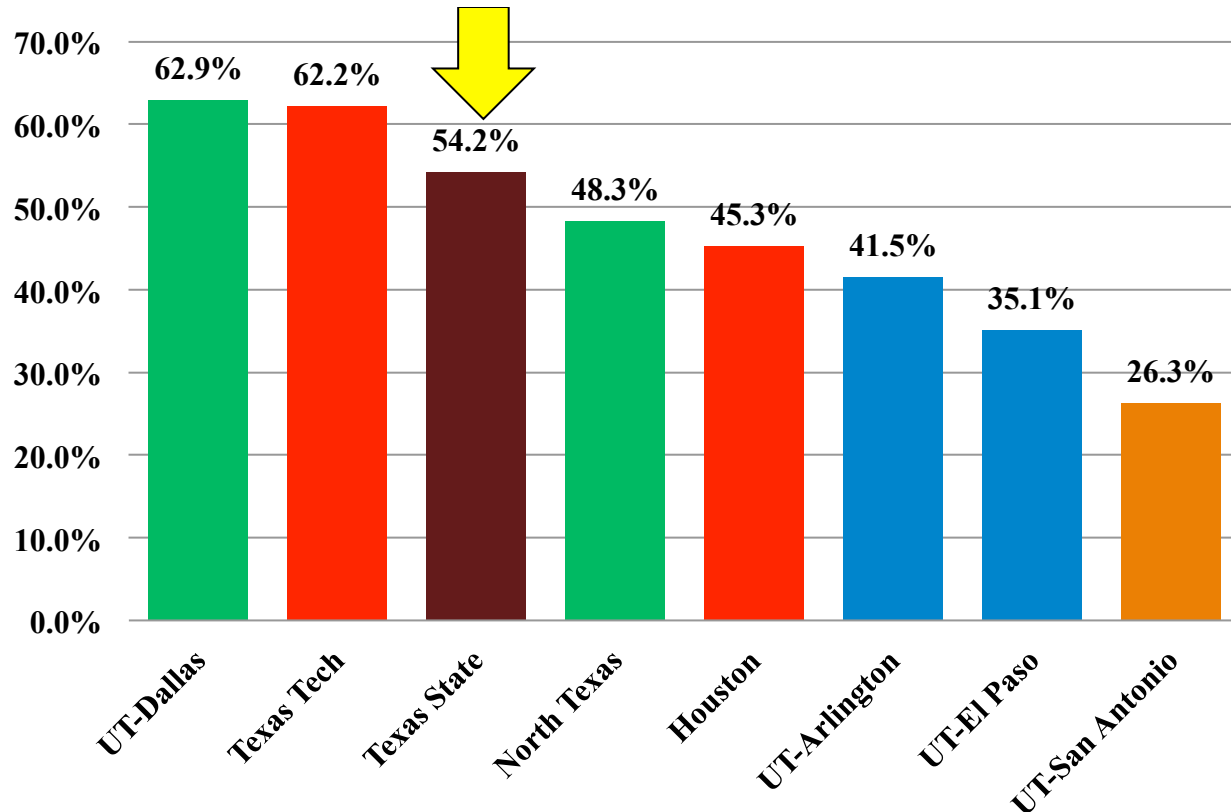


Source: THECB Accountability System.

**Tier One universities retain the students they have recruited.**

# Six-Year Graduation Rates-Texas State and Other Emerging Research Universities

(Fall 2004 Cohort Graduated through August 2010)

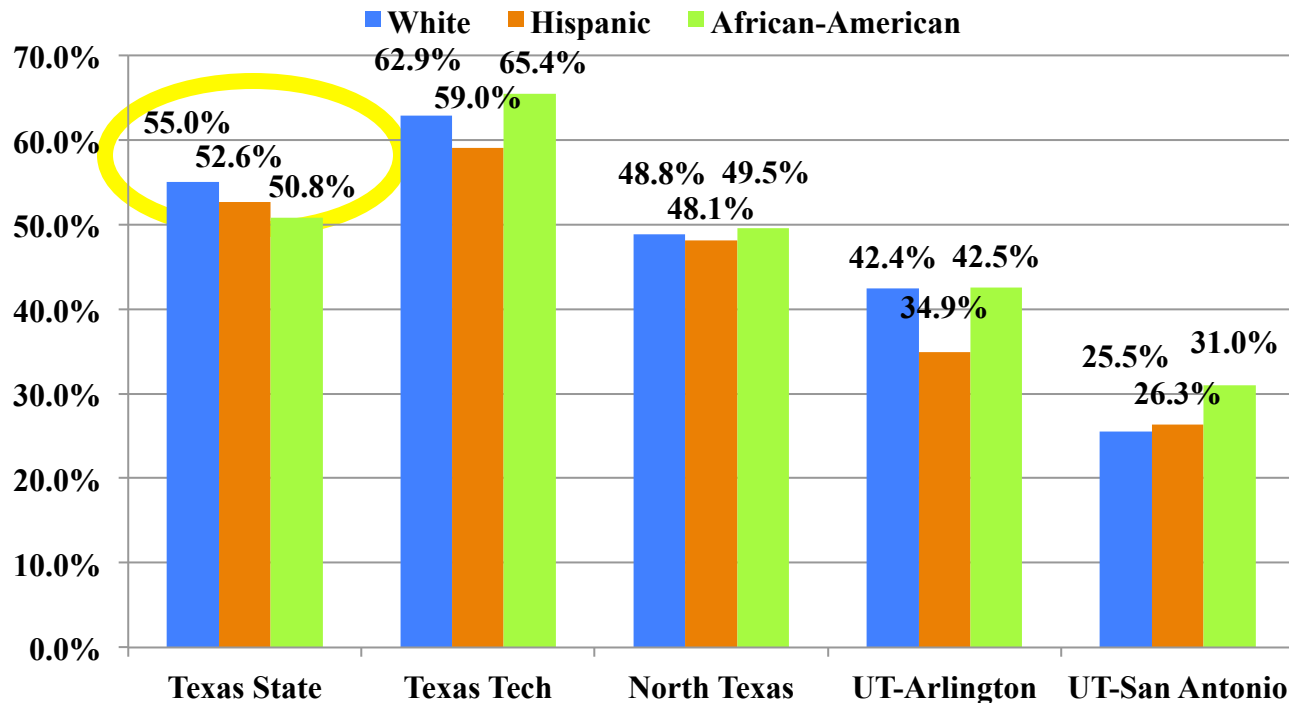


Source: THECB Report, Baccalaureate Graduation Rates – First Time Entering Undergraduates.

**One of the most important metrics because Tier One universities have high graduation rates.**

# Six-Year Graduation Rates Are Strong across Ethnic Groups

FY 2010 Six-Year Graduation Rates by Ethnicity



\*Most Similar Emerging Research Universities; excludes largest (Houston) and two smallest (UTEP and UT-Dallas)

Source: THECB Accountability System.

**Texas State's rates are strong across ethnic groups.**