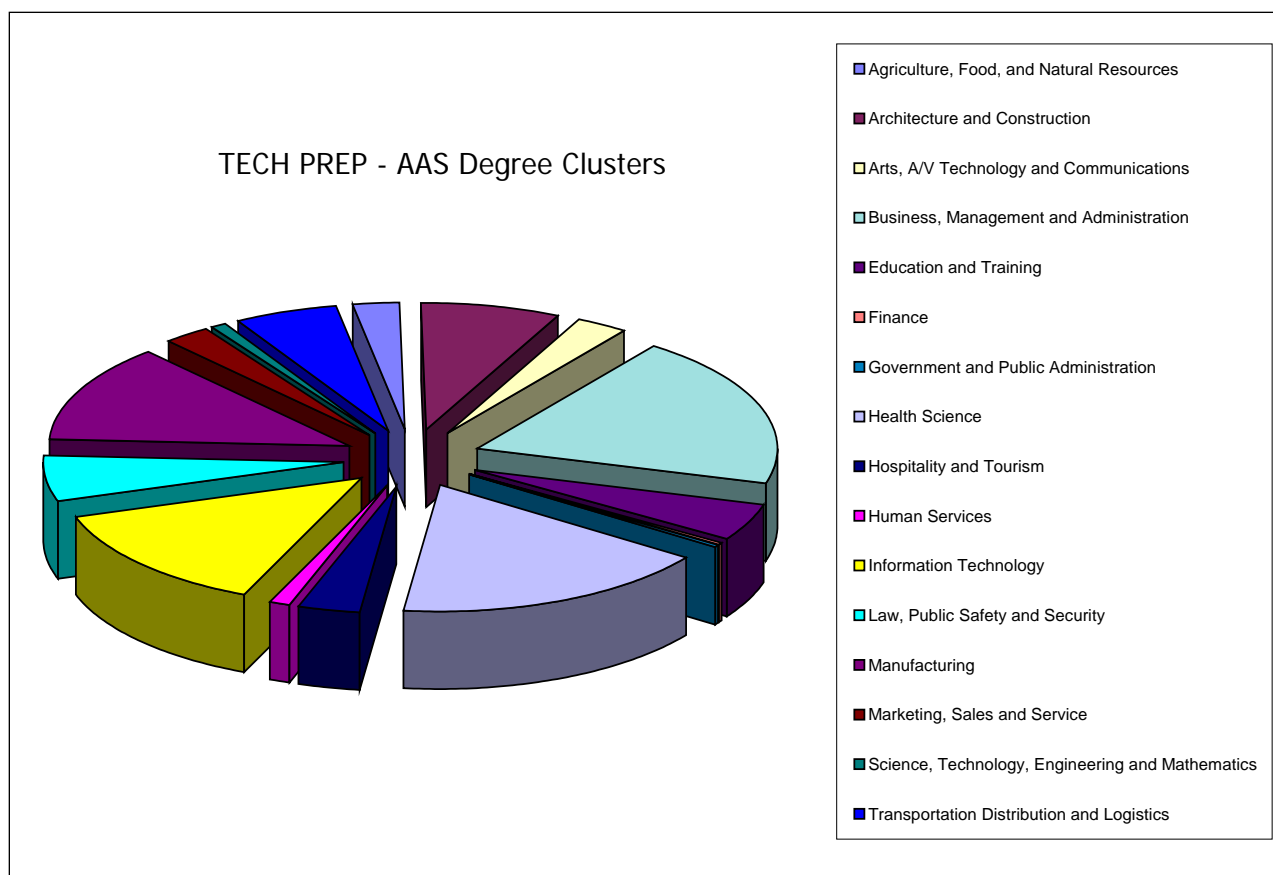


Tech Prep Statewide Data 2009 - 2010

Fifty-eight percent of the state's 1,919 Associate of Applied Science (AAS) degree programs in community and technical colleges are approved as Tech Prep by the Texas Higher Education Coordinating Board.* Of the Tech Prep Programs with articulation agreements tracked in the Tech Prep Articulation Agreement database**:

- 160 are Business, Management, and Administration (19.1%)
- 146 are Health Science (17.5%)
- 119 are Information Technology (14.2%)
- 105 are Manufacturing (12.6%)

representing over half of all AAS programs in Texas in 2010.

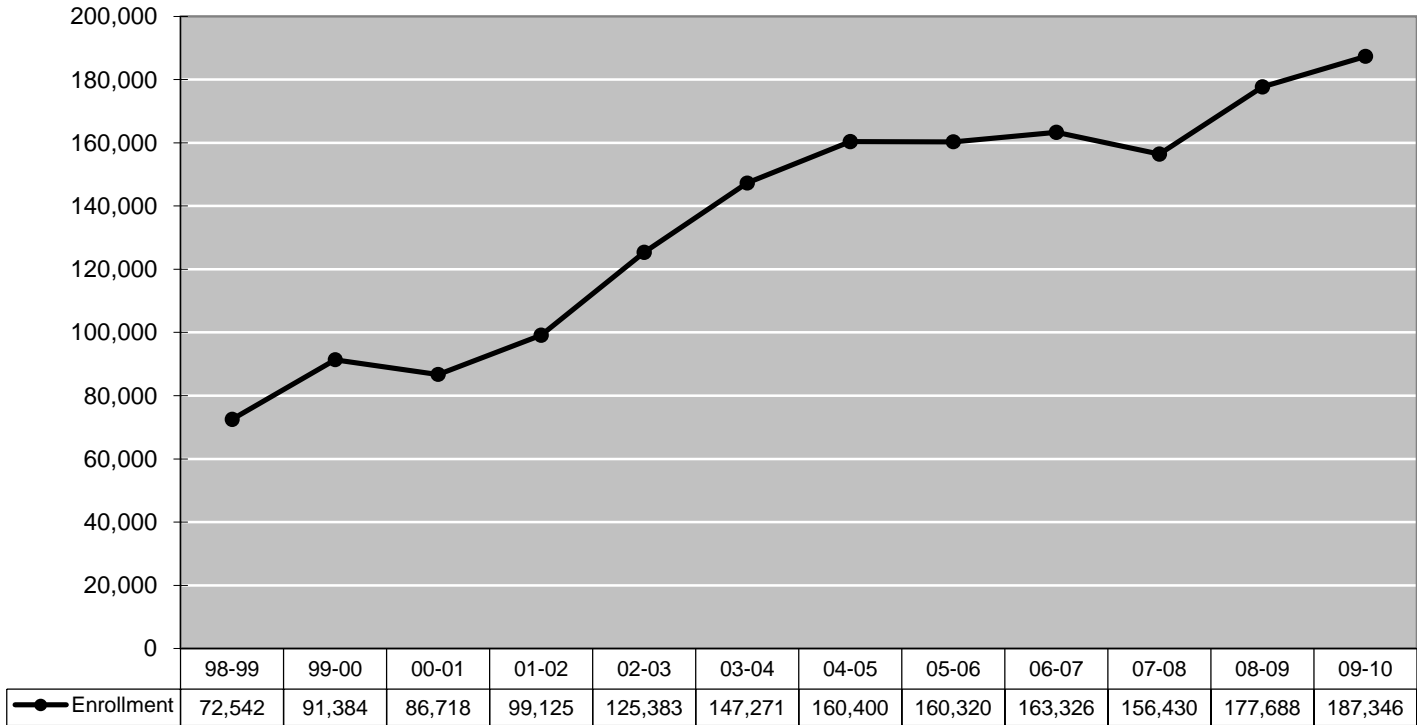


Eighty-eight percent (974) of the state's public school districts with high schools have one or more Tech Prep program articulation agreements with one or more colleges.

* Source: Texas Higher Education Coordinating Board Degree Program (Clearinghouse) Awards, April 2010

**Source: Tech Prep Articulation Agreement Database, April 2010

Tech Prep Enrollment Grades 9-12 State of Texas



Source: Texas Education Agency – PEIMS

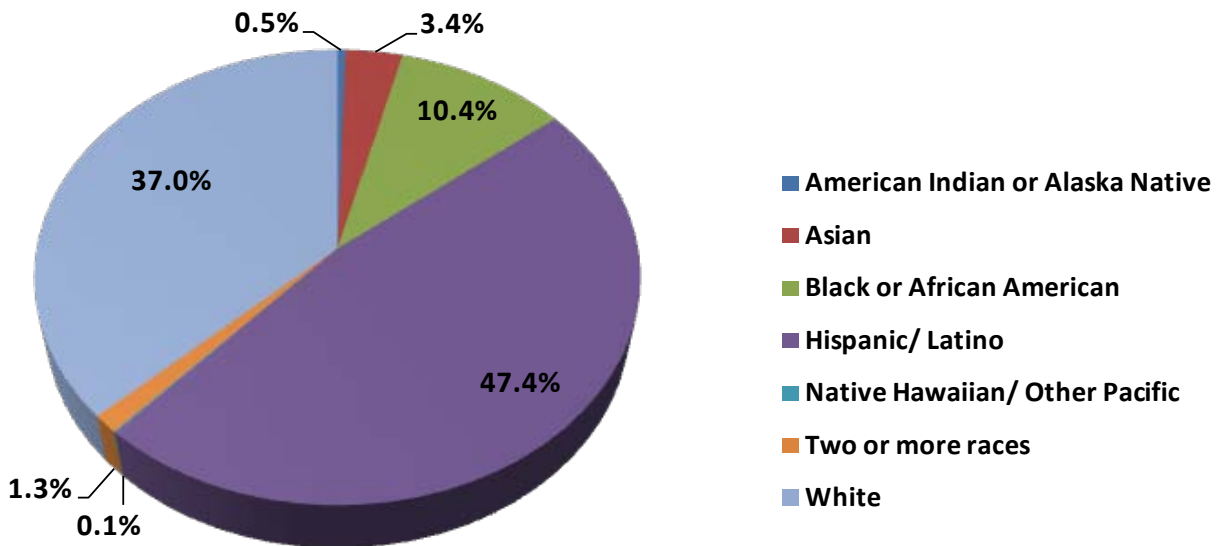
Note: Masking of data may lead to slight discrepancies in enrollment counts.

Tech Prep Demographics Fall 2009

Total	187,346	100.0%
American Indian or Alaska Native	929	0.5%
Asian	6,423	3.4%
Black or African American	19,395	10.4%
Hispanic/Latino	88,744	47.4%
Native Hawaiian/Other Pacific	172	0.1%
Two or more races	2,370	1.3%
White	69,313	37.0%
Females	92,888	49.6%
Males	94,458	50.4%
At Risk*	83,735	44.7%
Bilingual/ESL*	5,567	3.0%
Economically Disadvantaged*	91,731	49.0%
Special Ed*	15,442	8.2%

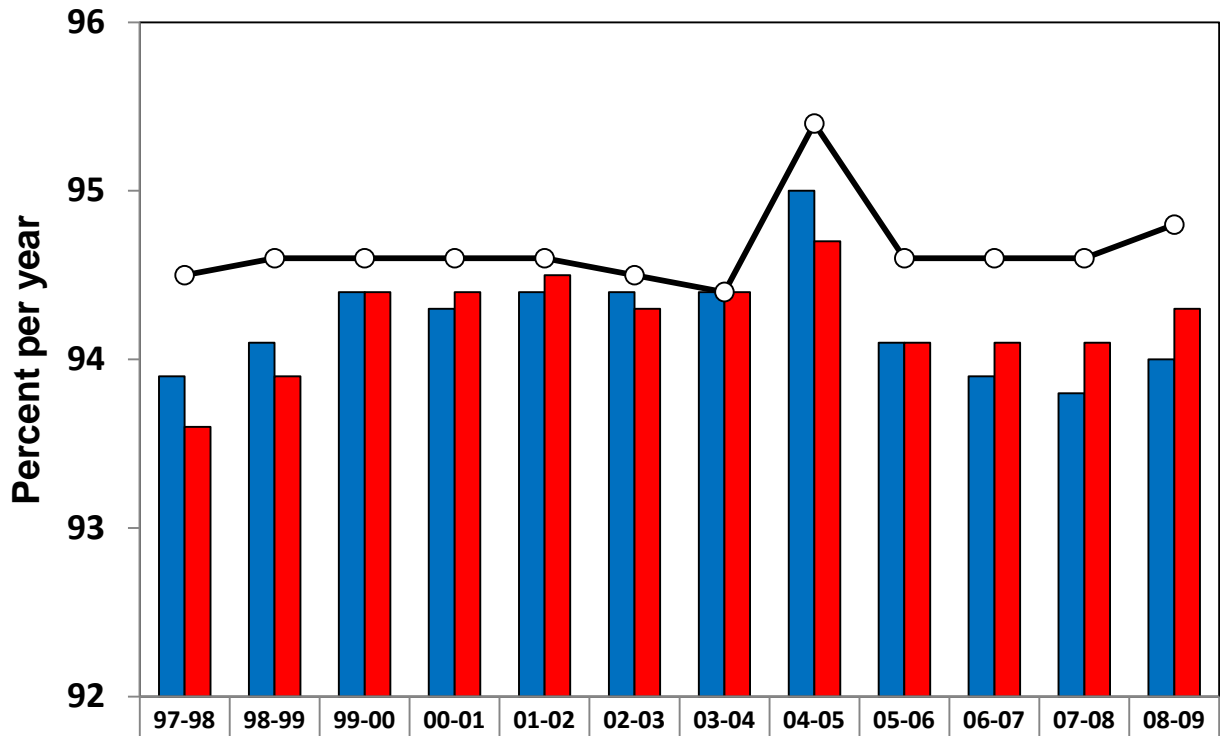
*May include duplicate count – will not equal 100%
 Note: Masking of data may lead to slight discrepancies in enrollment counts.

Tech Prep Demographics by Ethnicity



Source: Texas Education Agency

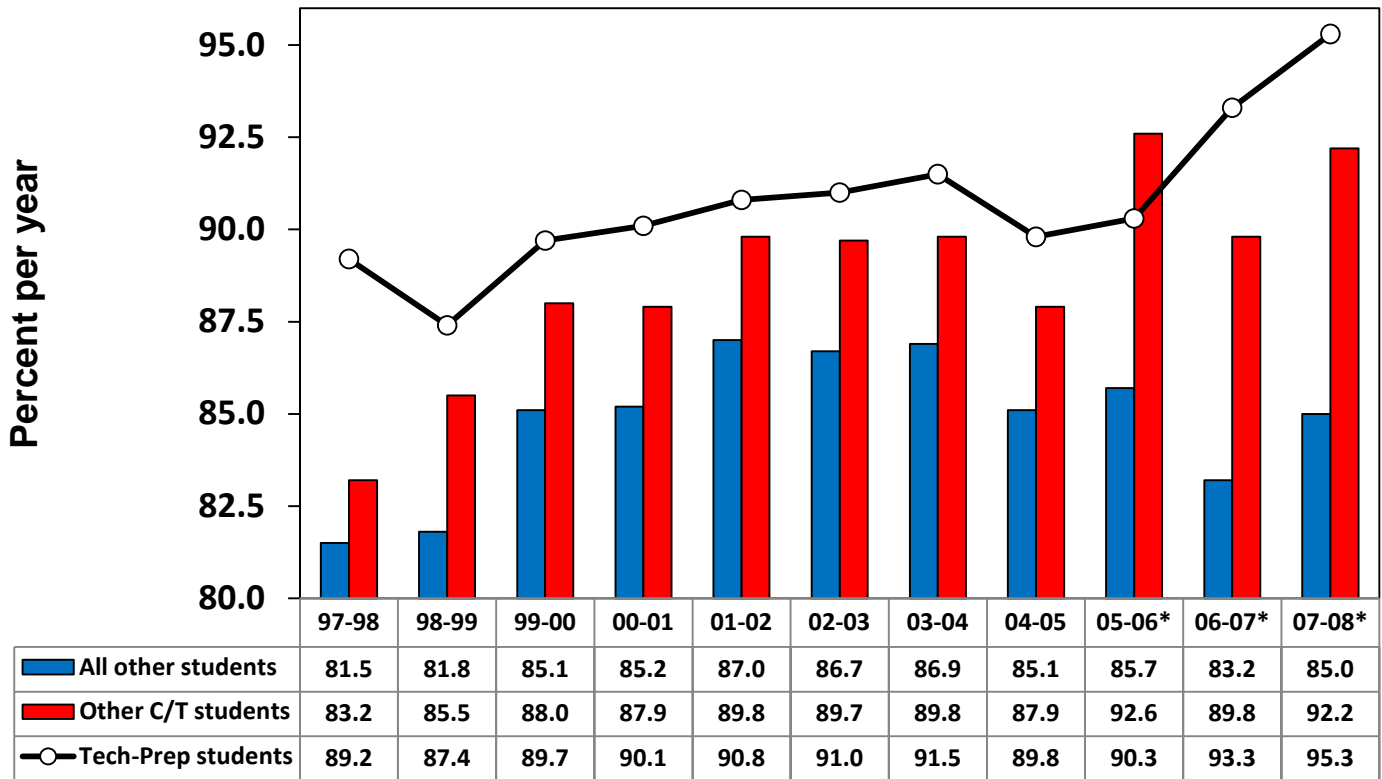
Attendance Rates State of Texas, Grades 9-12



■ All other students	93.9	94.1	94.4	94.3	94.4	94.4	94.4	95.0	94.1	93.9	93.8	94.0
■ Other C/T students	93.6	93.9	94.4	94.4	94.5	94.3	94.4	94.7	94.1	94.1	94.1	94.3
—○— Tech-Prep students	94.5	94.6	94.6	94.6	94.6	94.5	94.4	95.4	94.6	94.6	94.6	94.8

Source: Texas Education Agency

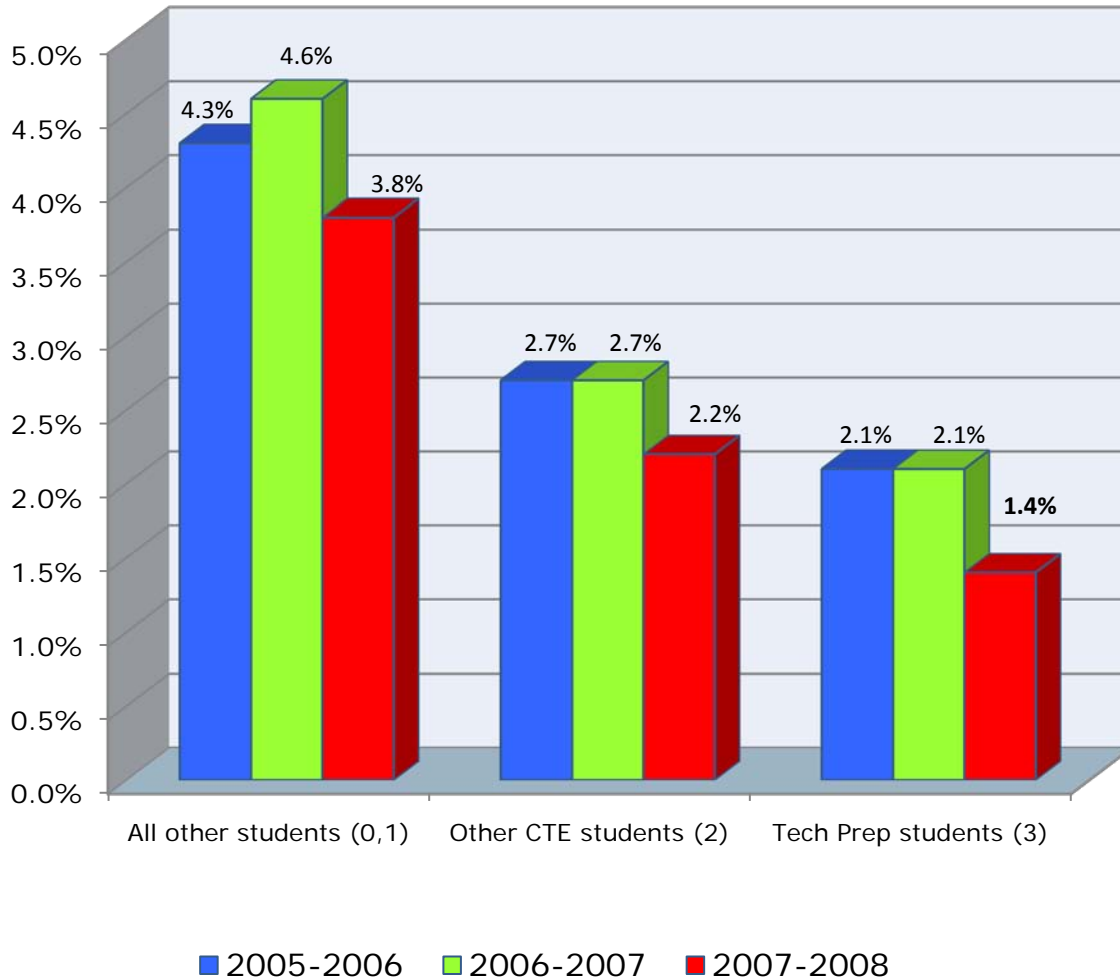
Graduation Rates State of Texas



*** NOTE: 2005-2006 data began a new baseline which utilized a revised formula to calculate data.**

Source: Texas Education Agency

Dropout Rates State of Texas



Note: The 78th Texas Legislature required that dropout rates be computed according to the National Center for Education Statistics (NCES) dropout definition beginning in the 2005-06 school year. Longitudinal data prior to 2005-06 is archived.

Source: Texas Education Agency

Potential Cost Savings for Tech Prep College Students and Their Families

For most of us there is little question about the value of Tech Prep as a significant educational force in the State of Texas. Even though we, as Tech Prep administrators, inherently know the value that the Tech Prep initiative brings to the students and families of the state, it is often difficult to quantify this value. A set of analyses have been developed at both the Tech Prep Consortium and the State levels to provide further support for the validity of the Tech Prep initiative in the State of Texas.

The basic formula is:

$$\text{COLLEGE COSTS} = \text{TUITION} + \text{BOOKS}$$

The assumptions and definitions applied to this formula are as follows:

- Tech Prep students take a coherent sequence of courses totaling 3 high school units (or more)
- On average, these 3 units can be articulated as 3 college courses or 9 semester credit hours (SCH)
- The Tech Prep Consortium *average* Cost per Semester Credit Hour (*ConsortiumCost/SCH*) is calculated by taking the *average* Total/SCH* for the Community Colleges in that Consortium.

Therefore, on average, the potential tuition saved for a Tech Prep student going into college in Texas is:

$$\text{TUITION} = 9 * \text{ConsortiumCost/SCH}$$

In addition to tuition, book costs must also be included in potential cost savings:

- On average, each course requires 1 book
- On average, each book costs \$100

$$\text{BOOKS} = 3 * \$100 = \$300$$

Using the basic formula, each Tech Prep student in the state of Texas can save:

$$\text{COLLEGE COSTS} = 9 * \text{ConsortiumCost/SCH} + \$300$$

This College Cost Savings estimate can be applied to various Tech Prep populations. However, for the current analyses, 2009 – 2010 Tech Prep Seniors will be considered. For 2009 – 2010, Texas Tech Prep Senior Enrollment of 61,595 students represents 32.9% of the total 9-12 Tech Prep Enrollment of 187,346 students for the state.

2009-2010 Tech Prep Seniors **	Average College Costs / Student	Potential Savings for Tech Prep Seniors
61,595	\$905	\$54,883,134

* Source: Total/SCH for TSTC, Texas State Technical College Website, May, 2010; Total/SCH for Southeast Texas (Lamar University), Lamar University Website, May, 2010; for all other Community Colleges, TACC Survey, Last Updated 12/15/09, 50 of 50 colleges; tacc.org website.

Note: *Total/SCH* is:

- the *average* \$\$/SCH tuition and fees per credit hour for each Community College
- calculated for a student enrolled for 12 semester credit hours including one laboratory course
- rounded to the nearest dollar

** Source: TEXAS EDUCATION AGENCY

Potential Cost Savings for Tech Prep Students and Their Families Seniors 2009 – 2010

BY CONSORTIUM

ASSUMPTIONS:

College Costs = Tuition + Books

*Tuition = 9 * ConsortiumCost/SCH*

where ConsortiumCost/SCH = average Total/SCH* for the consortium

Books = \$300

Consortium	TP Senior Enrollment **	College Costs / Consortium	Total Potential Savings
Alamo	1,754	885	\$1,552,290
Brazos Valley	638	867	\$553,146
Capital Area	2,730	795	\$2,170,350
Central Texas	1,155	858	\$990,990
Coastal Bend	1,302	921	\$1,199,142
Concho Valley	624	849	\$529,776
Deep East Texas	960	696	\$668,160
East Texas	1,817	867	\$1,575,339
Global EDGE	2,673	606	\$1,619,838
Golden Crescent	691	921	\$636,411
Gulf Coast	14,488	759	\$10,996,392
Heart of Texas	858	1,002	\$859,716
North Central Texas	7,696	732	\$5,633,472
North Texas	595	957	\$569,415
Permian Basin	729	849	\$618,921
Rio Grande Valley	6,817	1,443	\$9,836,931
South Plains	1,739	876	\$1,523,364
South Texas	2,513	939	\$2,359,707
Southeast Texas	1,183	1,560	\$1,845,480
STAR	388	912	\$353,856
Texoma	2,438	705	\$1,718,790
Top of Texas	2,202	957	\$2,107,314
Upper East Texas	1,510	759	\$1,146,090
Upper Rio Grande	2,326	930	\$2,163,180
Weatherford Area	928	858	\$796,224
West Central Texas	842	1,020	\$858,840
Totals / \$ Average / \$ Totals	61,596	\$905	\$54,883,134

*Source: Total/SCH for TSTC, Texas State Technical College Website, May, 2010; Total/SCH for Southeast Texas (Lamar University), Lamar University Website, May, 2010; for all other Community Colleges, TACC Survey, Last Updated 12/15/09, 50 of 50 colleges; tacc.org website.

Note: Total/SCH is:

- the average \$\$/SCH tuition and fees per credit hour for each Community College
- calculated for a student enrolled for 12 semester credit hours including one laboratory course
- rounded to the nearest dollar

**Source: TEXAS EDUCATION AGENCY

Note: Masking of data may lead to slight discrepancies in enrollment counts.

Potential Savings for the State of Texas Fall 2010

ASSUMPTIONS:

1 semester credit hour (SCH) = 16 contact hours

Tech Prep students take a coherent sequence of courses totaling 3 high school units (or more)

On average, these 3 units can be articulated as 3 college courses or 9 SCH

*Savings to State = ConsortiumContactHours x StateReimbursementRate **

ConsortiumContactHours = 16 contact hours x 9 SCH x Consortium Student Enrollment

where Consortium Student Enrollment is Tech Prep Senior Enrollment 2009 - 2010

StateReimbursementRate = \$6.42

Consortium	TP Senior Enrollment **	Consortium Contact Hours	Total Potential Savings
Alamo	1,754	252,576	\$1,621,538
Brazos Valley	638	91,872	\$589,818
Capital Area	2,730	393,120	\$2,523,830
Central Texas	1,155	166,320	\$1,067,774
Coastal Bend	1,302	187,488	\$1,203,673
Concho Valley	624	89,856	\$576,876
Deep East Texas	960	138,240	\$887,501
East Texas	1,817	261,648	\$1,679,780
Global EDGE	2,673	384,912	\$2,471,135
Golden Crescent	691	99,504	\$638,816
Gulf Coast	14,488	2,086,272	\$13,393,866
Heart of Texas	858	123,552	\$793,204
North Central Texas	7,696	1,108,224	\$7,114,798
North Texas	595	85,680	\$550,066
Permian Basin	729	104,976	\$673,946
Rio Grande Valley	6,817	981,648	\$6,302,180
South Plains	1,739	250,416	\$1,607,671
South Texas	2,513	361,872	\$2,323,218
Southeast Texas	1,183	170,352	\$1,093,660
STAR	388	55,872	\$358,698
Texoma	2,438	351,072	\$2,253,882
Top of Texas	2,202	317,088	\$2,035,705
Upper East Texas	1,510	217,440	\$1,395,965
Upper Rio Grande	2,326	334,944	\$2,150,340
Weatherford Area	928	133,632	\$857,917
West Central Texas	842	121,248	\$778,412
Totals / Average / \$ Totals	61,596	341,147	\$56,944,270

*Source: State Reimbursement Rate, THECB Financial Index.

** Source: TEXAS EDUCATION AGENCY

Note: Masking of data may lead to slight discrepancies in enrollment counts.

2009-2010
TECH PREP Student Enrollments
Grades 9 – 12

CONSORTIUM	TECH PREP	TOTAL	% TECH PREP
Alamo	6,630	110,653	6.0%
Brazos Valley	1,286	13,275	9.7%
Capital Area	6,054	77,125	7.8%
Central Texas	2,591	27,082	9.6%
Coastal Bend	2,866	28,603	10.0%
Concho Valley	2,227	7,248	30.7%
Deep East Texas	3,021	17,371	17.4%
East Texas	7,163	37,391	19.2%
Global EDGE	7,317	50,499	14.5%
Golden Crescent	2,678	9,740	27.5%
Gulf Coast	39,494	320,055	12.3%
Heart of Texas	1,743	16,920	10.3%
North Central Texas	22,496	230,179	9.8%
North Texas	2,099	10,237	20.5%
Permian Basin	1,925	20,965	9.2%
Rio Grande Valley	21,019	84,498	24.9%
South Plains	6,160	19,373	31.8%
South Texas	7,815	18,297	42.7%
Southeast Texas	3,290	19,681	16.7%
STAR	1,039	12,544	8.3%
Texoma	7,084	39,057	18.1%
Top of Texas	7,181	22,407	32.0%
Upper East Texas	5,131	16,368	31.3%
Upper Rio Grande	11,095	53,931	20.6%
Weatherford Area	4,284	15,573	27.5%
West Central Texas	3,658	15,409	23.7%
TOTALS for State	187,346	1,294,481	14.5%

Source: Texas Education Agency, PEIMS

Note: Masking of data may lead to slight discrepancies in enrollment data