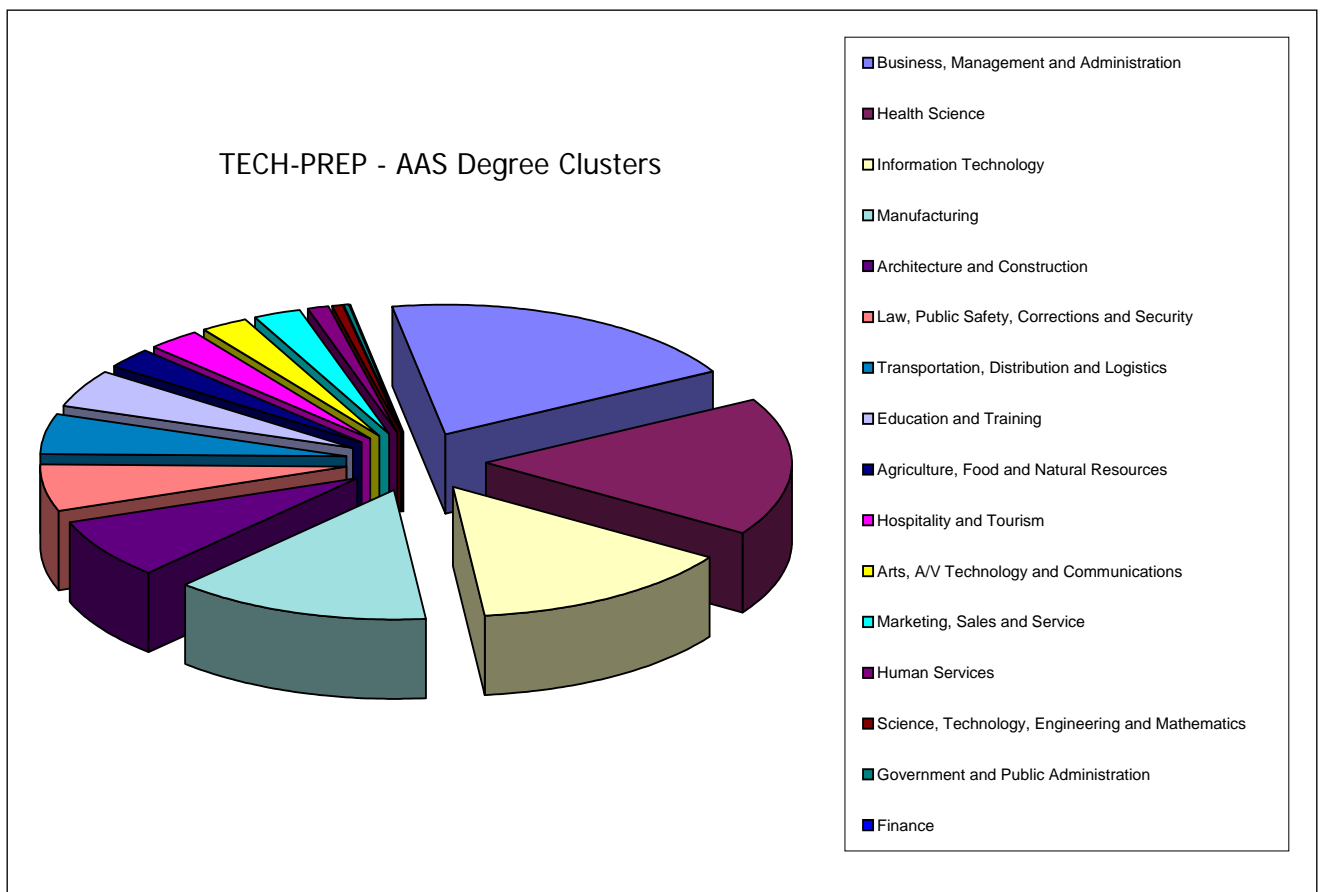


## Tech-Prep Statewide Data 2005 - 2006

Fifty-three percent of the state's 1960 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\*\*:

- 145 are Business, Management, Administration (19.7%)
- 128 are Health Science (17.4%)
- 103 are Information Technology (14.0%)
- 100 are Manufacturing (13.6%)

representing over half of all AAS programs in Texas in 2005.



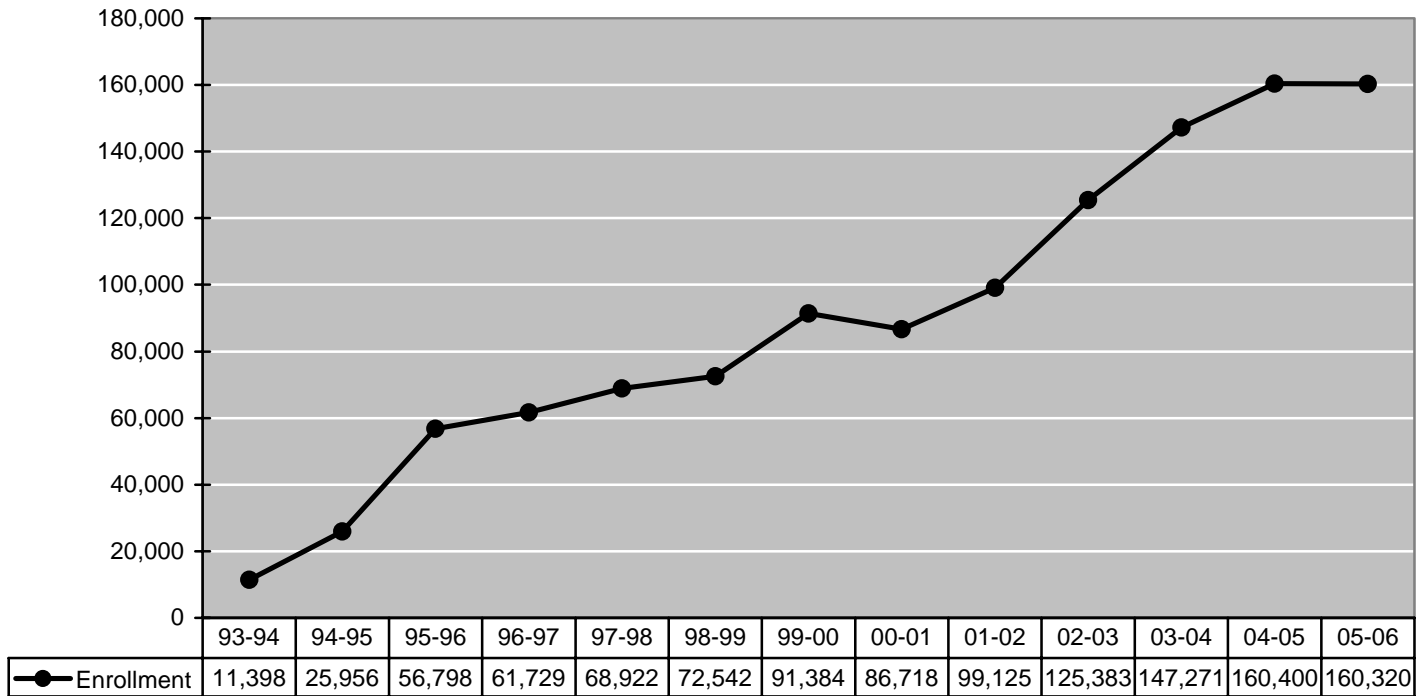
Seventy-five percent (781) of the state's public school districts with high schools have one or more Tech-Prep program articulation agreements with one or more colleges.

\* Source: Texas Higher Education Coordinating Board Program Inventory, December 2005

\*\*Source: Tech-Prep Articulation Agreement Database, December 2005

There were 160,320 students in the state of Texas enrolled in secondary Tech-Prep programs in Fall, 2005.

### Tech-Prep Enrollment Grades 9-12 State of Texas

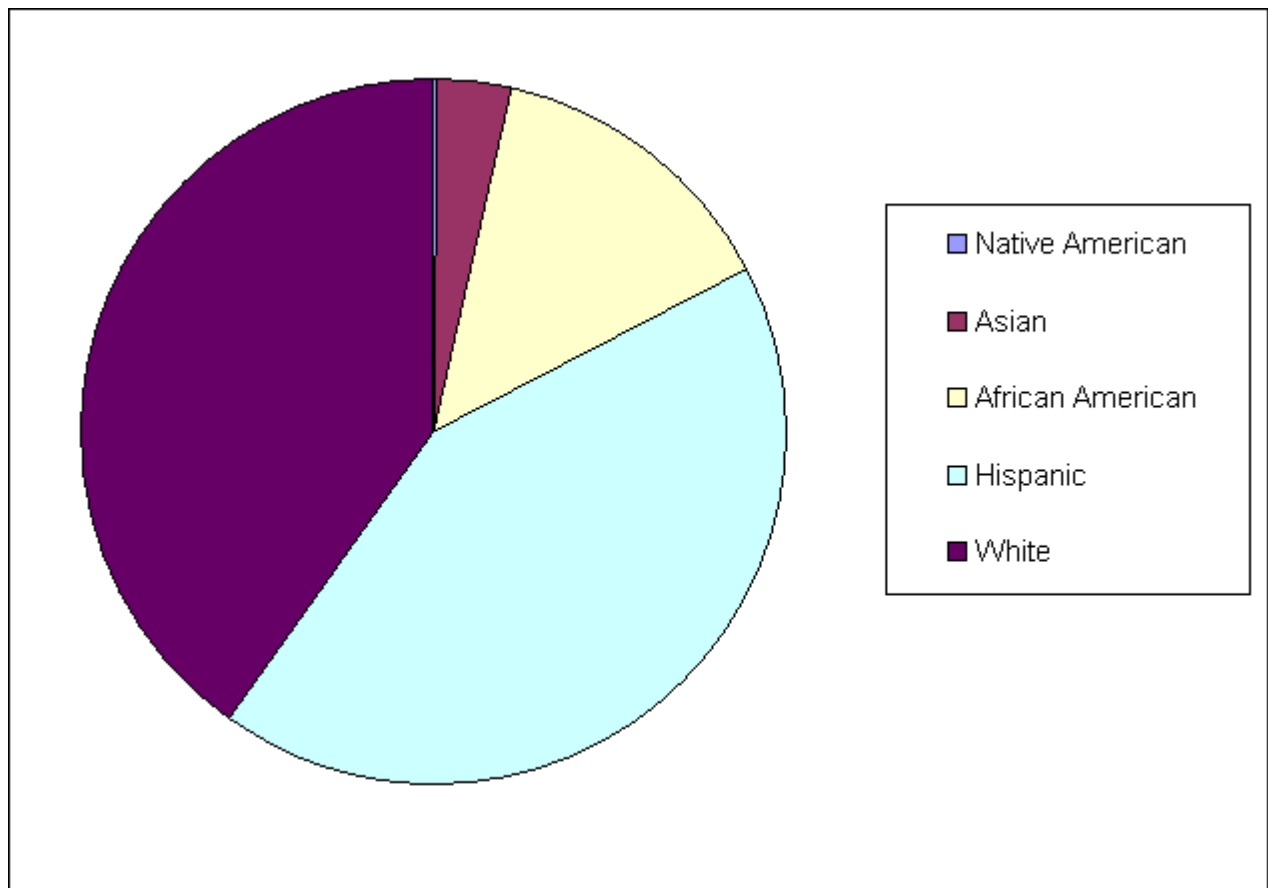


Source: Texas Education Agency – PEIMS

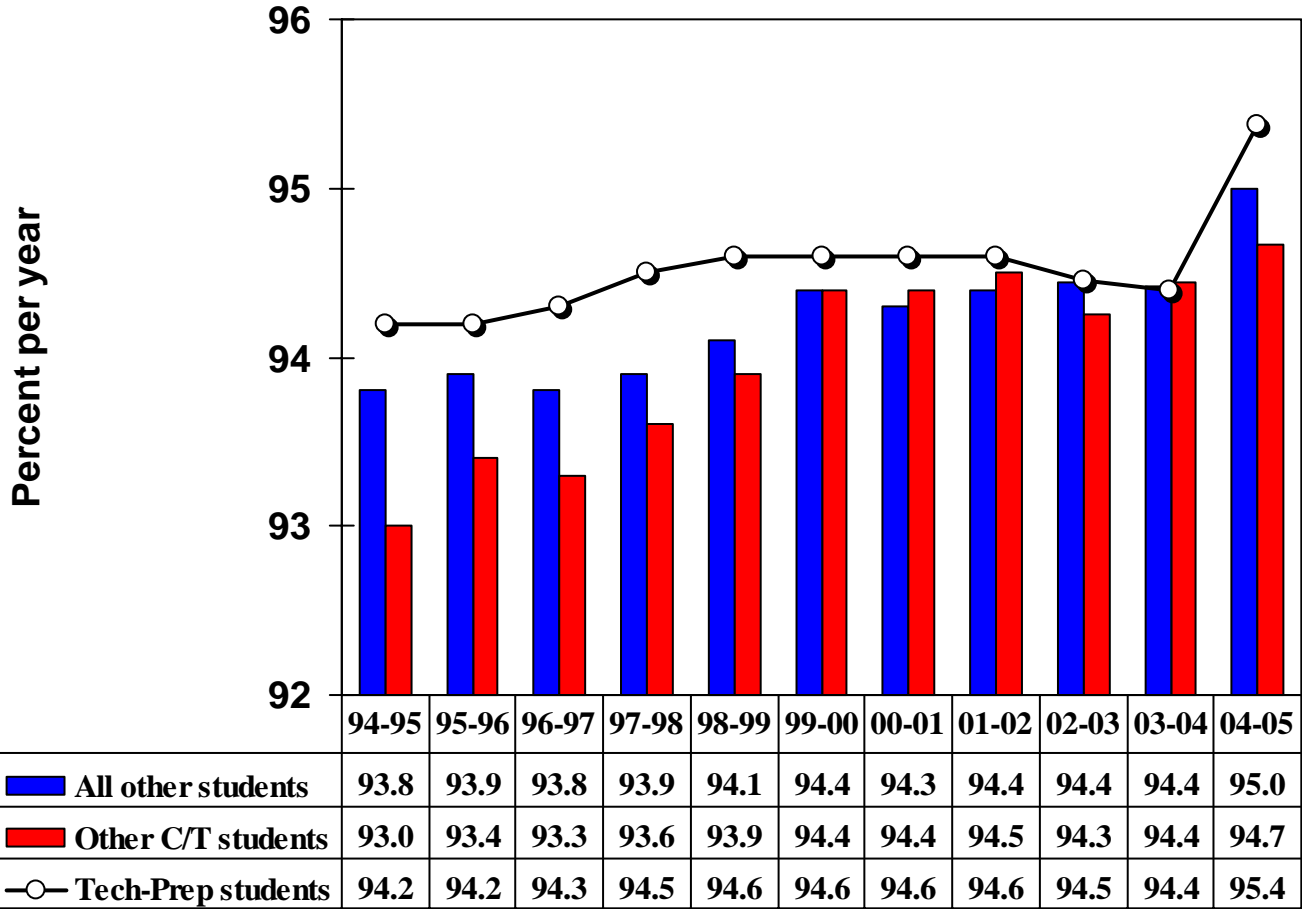
Note: Masking of data may lead to slight discrepancies in enrollment counts.

## Tech-Prep Demographics Fall 2005

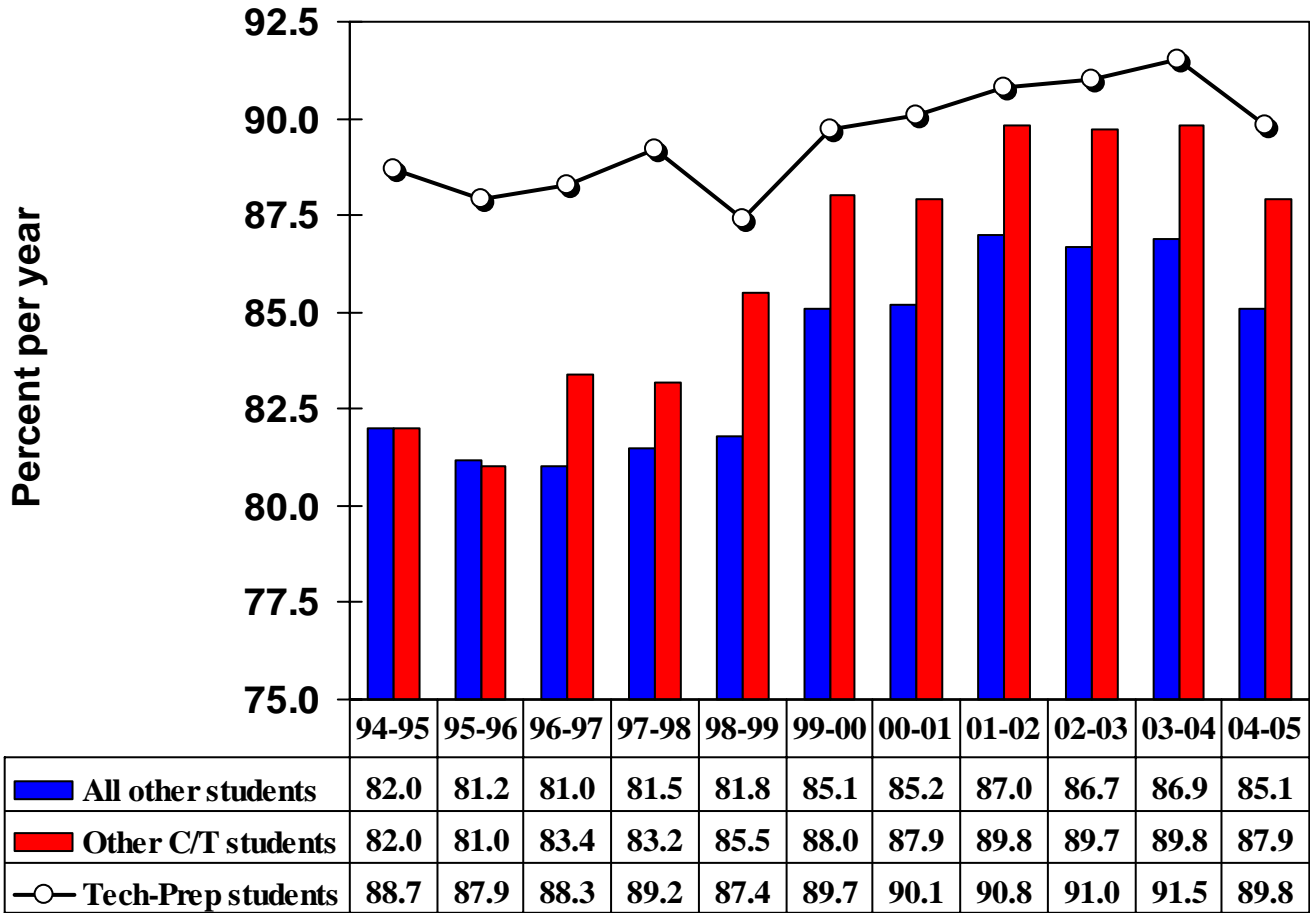
<b>Total</b>	<b>160,320</b>	<b>% of Total</b>
Native American	520	0.3%
Asian	5,291	3.3%
African American	22,317	13.9%
Hispanic	67,585	42.2%
White	64,607	40.3%
Females	80,450	50.2%
Males	79,870	49.8%
Special Ed*	16,693	10.4%
At Risk*	82,805	51.6%
Bilingual/ESL*	5,678	3.5%
Economically Disadvantaged*	71,716	44.7%
All Others	48,430	30.2%
Special Population Students (i.e., not 'All Others')	80,450	50.2%
*May include duplicate count - will not equal 100%		
Note: Masking of data may lead to slight discrepancies in enrollment counts.		



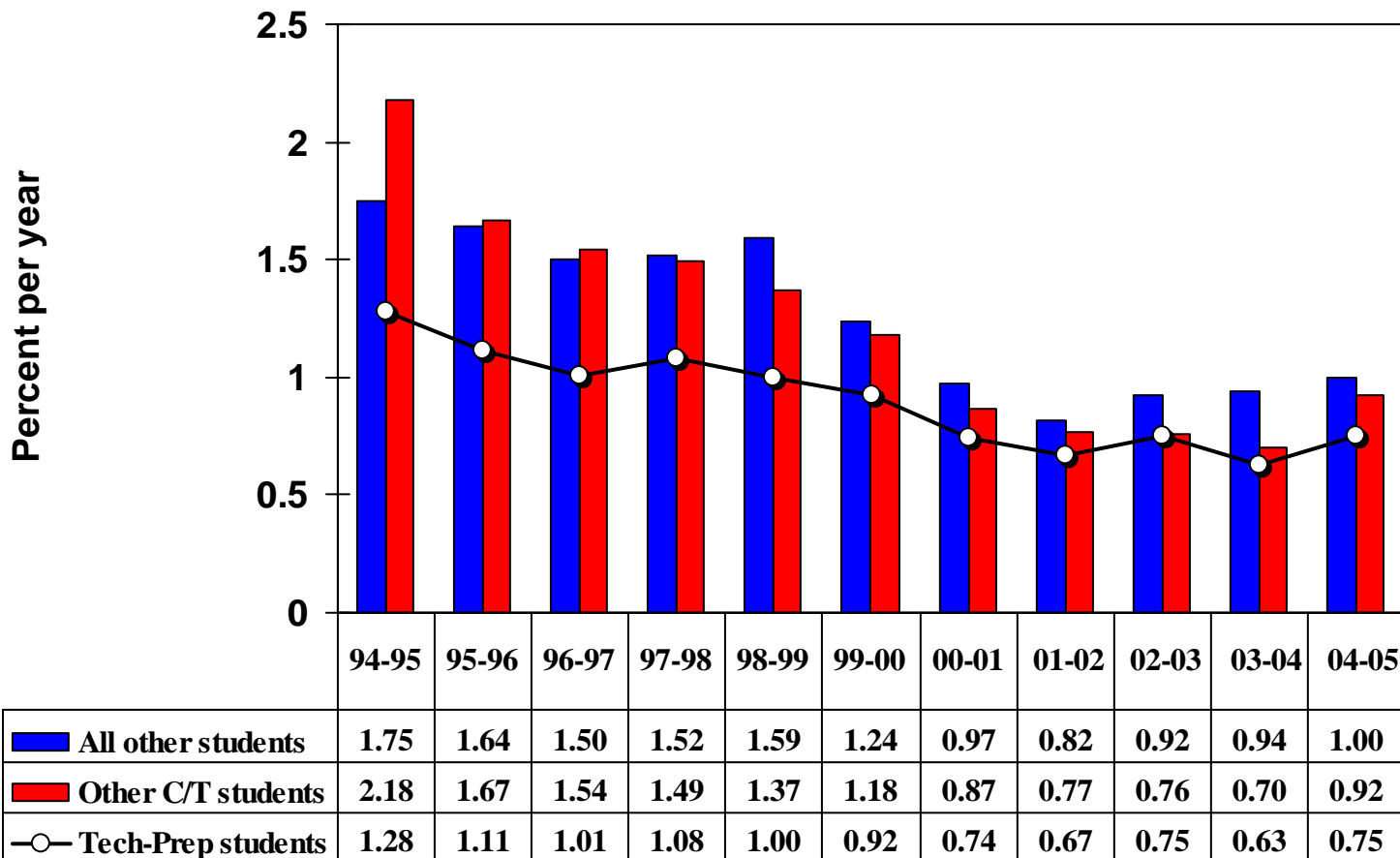
**Attendance Rates**  
**State of Texas, Grades 10, 11 and 12**



## Graduation Rates State of Texas, Grade 12



## Drop Out Rates State of Texas



# 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 \$50

$$\text{BOOKS} = 3 * \$50 = \$150$$

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

$$\text{COLLEGE COSTS} = 9 * \text{ConsortiumCost/SCH} + \$150$$

This College Cost Savings estimate can be applied to various Tech-Prep populations. However, for the current analyses, 2005 – 2006 Tech-Prep Seniors will be considered. For 2005 – 2006, Texas Tech-Prep Senior Enrollment of 53,425 students represents 33.3% of the total 9-12 Tech-Prep Enrollment of 160,320 students for the state.

2005-2006 Tech-Prep Seniors **	Average College Costs / Student	Potential Savings for Tech-Prep Seniors
53,425	\$653	\$35,125,107

\* Source: Total/SCH for TSTC, Texas State Technical College Website, April, 2006; Total/SCH for Southeast Texas (Lamar University), Lamar University Website, April, 2006; for all other Community Colleges, TACC Survey, Last Updated 01/18/06, 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 2005 – 2006

## BY CONSORTIUM

### ASSUMPTIONS:

*College Costs = Tuition + Books*

*Tuition = 9 \* ConsortiumCost/SCH*

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

*Books = \$150*

Consortium	TP Senior Enrollment **	College Costs / Consortium	Total Potential Savings
Alamo	1,749	627	\$1,096,623
Brazos Valley	926	672	622,272
Capital Area	1,403	645	904,935
Central Texas	1,531	627	959,937
Coastal Bend	2,149	699	1,502,151
Concho Valley	660	663	437,580
Deep East Texas	774	483	373,842
East Texas	1,520	627	953,040
Global EDGE	1,455	492	715,860
Golden Crescent	781	528	412,368
Gulf Coast	11,377	555	6,314,235
Heart of Texas	534	744	397,296
Lower Rio Grande	6,241	978	6,103,698
North Central Texas	6,928	528	3,657,984
North Texas	858	582	499,356
Panhandle	2,109	681	1,436,229
Permian Basin	554	609	337,386
South Plains	1,690	726	1,226,940
South Texas	1,857	645	1,197,765
Southeast Texas	1,574	1176	1,851,024
STAR (Middle Rio Grande)	439	591	259,449
Texoma	1,269	546	692,874
Upper East Texas	1,417	573	811,941
Upper Rio Grande	1,966	663	1,303,458
Weatherford Area	1,120	591	661,920
West Central Texas	544	726	394,944
<b>Totals / \$ Average / \$ Totals</b>	<b>53,425</b>	<b>\$653</b>	<b>\$35,125,107</b>

\*Source: Total/SCH for TSTC, Texas State Technical College Website, August, 2006; Total/SCH for Southeast Texas (Lamar University), Lamar University Website, August, 2006; for all other Community Colleges, TACC Survey, Last Updated 01/18/06, 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 2006

**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

$$\text{Savings to State} = \text{ConsortiumContactHours} \times \text{StateReimbursementRate} *$$

$$\text{ConsortiumContactHours} = 16 \text{ contact hours} \times 9 \text{ SCH} \times \text{Consortium Student Enrollment}$$

where Consortium Student Enrollment is Tech-Prep Senior Enrollment 2005 - 2006

$$\text{StateReimbursementRate} = \$4.49$$

Consortium	TP Senior Enrollment **	Consortium Contact Hours	Total Potential Savings
Alamo	1,749	251,856	\$ 1,130,833
Brazos Valley	926	133,344	\$ 598,715
Capital Area	1,403	202,032	\$ 907,124
Central Texas	1,531	220,464	\$ 989,883
Coastal Bend	2,149	309,456	\$ 1,389,457
Concho Valley	660	95,040	\$ 426,730
Deep East Texas	774	111,456	\$ 500,437
East Texas	1,520	218,880	\$ 982,771
Global EDGE	1,455	209,520	\$ 940,745
Golden Crescent	781	112,464	\$ 504,963
Gulf Coast	11,377	1,638,288	\$ 7,355,913
Heart of Texas	534	76,896	\$ 345,263
Lower Rio Grande	6,241	898,704	\$ 4,035,181
North Central Texas	6,928	997,632	\$ 4,479,368
North Texas	858	123,552	\$ 554,748
Panhandle	2,109	303,696	\$ 1,363,595
Permian Basin	554	79,776	\$ 358,194
South Plains	1,690	243,360	\$ 1,092,686
South Texas	1,857	267,408	\$ 1,200,662
Southeast Texas	1,574	226,656	\$ 1,017,685
STAR (Middle Rio Grande)	439	63,216	\$ 283,840
Texoma	1,269	182,736	\$ 820,485
Upper East Texas	1,417	204,048	\$ 916,176
Upper Rio Grande	1,966	283,104	\$ 1,271,137
Weatherford Area	1120	161,280	\$ 724,147
West Central Texas	544	78,336	\$ 351,729
<b>Totals / Average / \$ Totals</b>	<b>53,425</b>	<b>295,892</b>	<b>\$ 34,542,468</b>

\*Source: State Reimbursement Rate, THECB Financial Index.

\*\* Source: TEXAS EDUCATION AGENCY

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

2005-2006  
TECH-PREP Student Enrollments  
Grades 9 – 12

CONSORTIUM	TECH-PREP	TOTAL	% TECH-PREP
Alamo	4,583	101,154	4.5%
Brazos Valley	3,361	12,989	25.9%
Capital Area	2,775	69,937	4.0%
Central Texas	4,713	24,881	18.9%
Coastal Bend	5,181	30,078	17.2%
Concho Valley	2,051	8,096	25.3%
Deep East Texas	2,218	17,934	12.4%
East Texas	4,731	39,122	12.1%
Global EDGE	4,796	42,510	11.3%
Golden Crescent	2,866	10,341	27.7%
Gulf Coast	33,965	298,750	11.4%
Heart of Texas	1,155	17,231	6.7%
North Central Texas	21,233	223,420	9.5%
North Texas	2,246	11,040	20.3%
Panhandle	7,513	22,073	34.0%
Permian Basin	1,730	21,349	8.1%
Rio Grande Valley	17,489	75,446	23.2%
South Plains	4,762	20,055	23.7%
South Texas	4,571	15,888	28.8%
Southeast Texas	3,698	20,076	18.4%
STAR	992	12,112	8.2%
Texoma	3,742	34,859	10.7%
Upper East Texas	5,337	15,253	35.0%
Upper Rio Grande	7,116	50,517	14.1%
Weatherford Area	5,208	15,924	32.7%
West Central Texas	2,288	16,354	14.0%
<b>TOTALS for State</b>	<b>160,320</b>	<b>1,227,389</b>	<b>13.1%</b>

Source: Texas Education Agency, PEIMS

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

## Postsecondary Enrollments Fall 2005

Consortium	Institution	Total Enroll	Tech-Prep	% Tech-Prep
Alamo	ACCD - Northwest Vista College	9,151	0	0.0%
Alamo	ACCD - Palo Alto College	8,065	228	2.8%
Alamo	ACCD - San Antonio College	21,555	730	3.4%
Alamo	ACCD - St. Philip's College	10,187	932	9.1%
Gulf Coast	Alvin Community College	3,828	302	7.9%
Panhandle	Amarillo College	10,391	3,039	29.2%
Deep Ease	Angelina College	4,756	527	11.1%
Capital Area	Austin Community College	30,499	4,521	14.8%
Brazos Valley	Blinn College	14,351	216	1.5%
Gulf Coast	Brazosport College	3,604	424	11.8%
Central Texas	Central Texas College	8684	1372	15.8%
West Central Texas	Cisco Junior College	3,494	229	6.6%
Panhandle	Clarendon College	1,116	0	0.0%
Coastal Bend	Coastal Bend College	3,353	426	12.7%
Gulf Coast	College of the Mainland	3,992	506	12.7%
Global EDGE	Collin County Community College District	1,221	839	4.6%
North Central Texas	DCCCD - Brookhaven College	9,725	130	1.3%
North Central Texas	DCCCD - Cedar Valley College	4,300	49	1.1%
North Central Texas	DCCCD - Eastfield College	9,452	251	2.7%
North Central Texas	DCCCD - El Centro College	6,629	92	1.4%
North Central Texas	DCCCD - Mountain View College	6,140	124	2.0%
North Central Texas	DCCCD - North Lake College	8,623	63	0.7%
North Central Texas	DCCCD - Richland College	13,552	134	1.0%
Coastal Bend	Del Mar College	11,889	2,806	23.6%
Upper Rio Grande	El Paso Community College District	24,239	3,576	14.8%
Panhandle	Frank Phillips College	1,207	13	1.1%
Gulf Coast	Galveston College	2,215	204	9.2%
Texoma	Grayson County College	3,715	479	12.9%
Concho Valley	HCJCD - Howard College	2,713	0	0.0%
Permian Basin	HCJCD - Southwest Collegiate Institute	125	0	0.0%
Heart of Texas	Hill College	3,084	130	4.2%
Gulf Coast	Houston Community College System	35,595	2,459	6.9%
East Texas	Kilgore College	4,815	272	5.6%
Southeast Texas	Lamar - Institute of Technology	2,711	2,127	78.5%
Southeast Texas	Lamar State College - Orange	2,132	490	23.0%
Southeast Texas	Lamar State College - Port Arthur	2,501	621	24.8%
South Texas	Laredo Community College	8,169	776	9.5%
Gulf Coast	Lee College	4,576	1,448	31.6%
Heart of Texas	McLennan Community College	7,638	1,166	15.3%
Permian Basin	Midland College	5,584	707	12.7%
North Central Texas	Navarro College	6,359	550	8.6%
Gulf Coast	NHMCCD - Cy-Fair College	9,799	908	9.3%
Gulf Coast	NHMCCD - Kingwood College	6,837	699	10.2%

Gulf Coast	NHMCCD - Montgomery College	7,971	670	8.4%
Gulf Coast	NHMCCD - North Harris College	10,878	1,694	15.6%
Gulf Coast	NHMCCD - Tomball College	7,600	747	9.8%
Texoma	North Central Texas College	6,967	1,234	17.7%
Upper East Texas	Northeast Texas Community College	2,507	118	4.7%
Permian Basin	Odessa College	4,788	557	11.6%
East Texas	Panola College	1,922	82	4.3%
Upper East Texas	Paris Junior College	4,264	373	8.7%
West Central Texas	Ranger College	758	0	0.0%
Gulf Coast	San Jacinto College - Central Campus	12,627	2,097	16.6%
Gulf Coast	San Jacinto College - North Campus	5,529	1,043	18.9%
Gulf Coast	San Jacinto College - South Campus	8,554	898	10.5%
South Plains	South Plains College	9,233	666	7.2%
Lower Rio Grande	South Texas Community College	16,233	1,812	11.2%
STAR (Middle Rio)	Southwest Texas Junior College	5,067	463	9.1%
North Central Texas	TCCD - Northeast Campus	12,372	1,019	8.2%
North Central Texas	TCCD - Northwest Campus	7,356	574	7.8%
North Central Texas	TCCD - South Campus	9,885	692	7.0%
North Central Texas	TCCD - Southeast Campus	8,975	499	5.6%
Central Texas	Temple College	3,897	254	6.5%
Upper East Texas	Texarkana College	3,682	230	6.2%
Lower Rio Grande	Texas Southmost College	10,517	983	9.3%
Lower Rio Grande	TSTC - Harlingen	4,257	1,304	30.6%
East Texas	TSTC - Marshall	565	365	64.6%
Heart of Texas	TSTC - Waco	4,528	3,418	75.5%
West Central Texas	TSTC - West Texas	1,660	624	37.6%
East Texas	Trinity Valley Community College	5,658	923	16.3%
East Texas	Tyler Junior College	9,265	620	6.7%
North Texas	Vernon College	2,784	408	14.7%
Golden Crescent	Victoria College, The	3,980	770	19.3%
Weatherford	Weatherford College	4,437	543	12.2%
West Central Texas	Western Texas College	1,756	0	0.0%
Gulf Coast	Wharton County Junior College	6,008	624	10.4%
	Statewide Summary	566,051	60,869	10.8%

Source: THECB, 2005