

2014 Your First College Year Survey

CIRP Longitudinal Construct Reports

Tarleton State University

comparison group 1: Public 4yr Colleges

comparison group 2: Public/Private Universities, Public 4yr Colleges



2014 Your First College Year Survey CIRP Longitudinal Construct Reports

Table of Contents

How to Read the CIRP Longitudinal Construct Reports	<u>H1</u>
All Respondents a. Habits of Mind b. Pluralistic Orientation	<u>1A</u> <u>1B</u>
c. Social Agency d. Academic Self-Concept e. Social Self-Concept	1 <u>C</u> 1 <u>D</u> 1 <u>E</u>
<u>Men</u>	
a. Habits of Mind	<u>2A</u>
b. Pluralistic Orientation	2 <u>B</u> 2 <u>C</u>
c. Social Agency	<u>2C</u>
d. Academic Self-Concept e. Social Self-Concept	<u>2D</u> <u>2E</u>
<u>Women</u>	
a. Habits of Mind	<u>3A</u>
b. Pluralistic Orientation	<u>3B</u>
c. Social Agency	<u>3C</u>
d. Academic Self-Concept	<u>3D</u>
e. Social Self-Concept	<u>3E</u>



Mean - The arithmetic mean is computed for each CIRP Construct. The CIRP Freshman Survey Constructs and the non-longitudinal YFCY Constructs have been scaled to a mean of 50 and a standard deviation of 10. The longitudinal YFCY construct scores have been adjusted upwards or downwards from a mean of 50 during the IRT scoring process depending on the direction of change in the population, the standard deviation remains 10.

Mean charts - Provide a visual display of relevant construct scores for your institution and two comparison groups. The Y-axis is defined by the highest and lowest possible construct score. Mean scores are represented by circles. The numbers at the top and bottom of the vertical line are values for the 75th and 25th percentile.

Statistical significance -Uses t-test to examine the difference between the mean construct score on the CIRP Freshman Survey and YFCY. Constructs with mean differences that are larger than would be expected by chance are noted with one, two, or three stars, which correspond to the three standard levels of significance (*p<.05, **p<.01, and ***p<.001). Statistical significance measures the extent to which a difference is occurring by chance, not the extent to which a difference is important. Large sample sizes (like those in the comparison groups) tend to generate statistical significance even though the magnitude of the difference may be small and not practically significant. In order to provide additional context to statistical significance, effect sizes are provided.

The scores for the longitudinal CIRP Constructs were derived using Item Response Theory (IRT) methods specifically designed to measure within-person change. This allows institutions to measure change in their student population over time and to compare the change in their student population to that of their comparison groups. The top portion of this report shows comparative information based on the mean score of a construct and the bottom portion shows the information based on the percentage of students who score in the high, average and low score groups for the construct.

						4			
Academic Self-Concept		Your Instituti	on		Comp Group	1		Comp Group	2
	TFS	YFCY	Change	TFS	YFCY	Change	TFS	YFCY	Change
Longitudinal Mean Report									
Total (n)	627	627	-	3,878	3,878	-	11,616	11,616	-
Mean	51.9	50.0	-1.9	47.4	46.6	-0.8	50.6	48.9	-1.8
Standard deviation	7.54	8.86	-	8.16		-	8.68	9.28	- 1
Significance	-	***	=	-		•	-	***	÷
Effect size		0.21	-	-		-	-	0.19	
25th percentile	47.1 57.0	44.8 55.6	-2.3 -1.4	40.9 51.9		-1.6 0.0	45.1 56.8	42.1 54.4	-3.0 -2.4
75th percentile	57.0	55.6	-1.4	51.9	51.9	0.0	56.8	54.4	-2.4
The population mean at the end of the first year		Your Institution	on		Comp Group	1		Comp Group 2	2
decreased by 1.3.	69.9			69.9			69.9		
	0,.,	57.0	55.6	07.7				56.8	54.4
		1	33.0		51.9	51.9		1	34.4
		O 51.9	50.0		47.4	46.6		50.6	48.9
•		47.1			Y 47.4	40.0		45.4	
			44.8		40.9	39.3		45.1	42.1
						37.3			
	14.1	TEO	\/F@\/	14.1	FE 0		14.1	TEC	VEOV
		TFS	YFCY		TFS	YFCY		TFS	YFCY
				1					
Longitudinal Percentage Report Total (n)	427	427	_	2.070	2.070	_	11 /1/	11 /1/	
High construct score group	627 31.7%	627 26.0%	-5.7%	3,878 15.4%		0.9%	11,616 28.6%	11,616 23.4%	-5.3%
Average construct score group	52.5%	48.5%	-4.0%	46.7%		-5.8%	46.7%	44.3%	-2.5%
Low construct score group	15.8%	25.5%	9.7%	37.9%		4.9%	24.6%	32.3%	7.7%
Significance (based on High score group)	-	20.070	-	-		-		***	-
		Your Institution			Comp Group 1 High score group			Comp Group 2 High score grou	
		High score gro	лb		riigii score group	,		riigii score grou	þ
Survey items and estimation "weights":									
Rate yourself on each of the following traits as									
compared with the average person your age:									
* Academic ability * Mathematical ability	31	.7%					20.4	10/	
* Self-confidence (intellectual)	51.	.770	26.0%			1/ 20/	28.6	0%	23.4%
* Drive to achieve				1	5.4%	16.2%			
	TI	FS	YFCY		TFS	YFCY	TF	S	YFCY
†			o.			-			

Comp Group 1 - The first comparison group is based on your institution's type and control.

Comp Group 2 – The second comparison group is based on a similar grouping of institution by type and control.

Standard deviation -

Measures the variability around the mean. A small standard

deviation indicates that the responses for the construct tend to be very close to the mean, whereas a large standard deviation indicates that the responses are spread over a larger range of response options.

Effect size - Determines the practical significance of the mean difference between the TFS and the YFCY. It is calculated by dividing the mean differences between the TFS and the YFCY by the standard deviation of the YFCY. Generally, an effect size of .2 is considered small, .5 medium, and .8 large. A positive effect size indicates that the construct score of the YFCY is greater than the TFS; a negative sign indicates that the construct score of the YFCY is smaller than the TFS.

Survey items and estimation "weights" - The survey items used in the creation of the CIRP Construct are presented in the order in which they contribute to the construct along with the estimation weights generated in IRT. Items that tap into a trait more effectively are given greater weight in the estimation process.

Percentage charts - Provide a visual display of the construct "High Score Group" percentages for your institution and two comparison groups. "High" represents students who scored one-half standard deviation or more above mean (higher than 55).

Habits of Mind

CIRP Longitudinal Construct Report All Respondents

	,	our Institutio	on		Comp Group			Comp Group	2
Tarleton State University	TFS	YFCY	Change	TFS	YFCY	Change	TFS	YFCY	Change
ongitudinal Mean Report									
Total (n)	385	385	-	911	911	-	3,530	3,530	-
Mean	47.9	45.6	-2.3	48.8	48.2	-0.6	51.0	49.2	-1.8
Standard deviation	9.11	11.86	-	9.76	11.52	-	9.16	10.78	-
Significance	-	**	-	-		-	-	***	-
Effect size	-	-0.19	-	-	-0.05	-	-	-0.17	-
25th percentile	41.4	37.5	-3.9	41.6	39.3	-2.3	44.8	41.8	-3.0
75th percentile	54.0	53.3	-0.7	55.4	55.3	-0.1	57.4	56.5	-0.9
the population mean at the end of the first year decreased by 2.8.		Your Institutio	n		Comp Group	1		Comp Group 2	2
Survey items and estimation "weights":	73.9			73.9			73.9		
Rate yourself on each of the following traits as		4.0	53.3		55.4	55.3	5	57.4	56.5
compared with the average person your age:			53.3		1	1		1	1
* Support your opinions with a logical argument		47.9	45.6		48.8	48.2		9 51.0	49.2
(2.28)			45.0				l ,	4.0	I
* Seek solutions to problems and explain them to others (2.20)	4	1.4	37.5		41.6	39.3		4.8	41.8
* Seek alternative solutions to a problem (1.81)			37.0						
* Evaluate the quality or reliability of information you									
received (1.61)	9.0			9.0			9.0		
* Ask questions in class (1.51)	7	FS	YFCY		TFS	YFCY	1	TFS	YFCY
* Take a risk because you felt you had more to									
ongitudinal Percentage Report									
Total (n)	385	385	-	911	911	-	3,530	3,530	
High construct score group	20.3%	20.5%	0.3%	26.5%	26.2%	-0.2%	33.2%	29.5%	-3.79
Average construct score group	41.3%	28.8%	-12.5%	38.0%	33.4%	-4.6%	41.0%	35.6%	-5.49
Low construct score group	38.4%	50.6%	12.2%	35.6%	40.4%	4.8%	25.8%	34.8%	9.09
Significance (based on high score group)	-		-	-		-	-		
Survey items and estimation "weights":	,	Your Institution			Comp Group	1		Comp Group 2	
Rate yourself on each of the following traits as		igh score grou			High score gro			ligh score grou	
compared with the average person your age:	• • • • • • • • • • • • • • • • • • • •	igii score groc	Ψ.			•		5 5	•
(continued)									
* Seek feedback on your academic work (1.43)									
* Explore topics on your own, even though it was									
not required for a class (1.42)							33.29	,	
* Accept mistakes as part of the learning process				26	.5%	26.2%	33.27	0	29.5%
(1.17)	20.3%		20.5%						
* Revise your papers to improve your writing									
(1.12) * Look up scientific research articles and resources									
* Look up scientific research articles and resources (0.89)	TFS		YFCY	Т	FS	YFCY	TFS		YFCY
(U.U7)	11.5		51	-					

Pluralistic Orientation CIRP Longitudinal Construct Report All Respondents

	1				ii kesponde		T			
		Your Institution			Comp Group		Comp Group 2			
Tarleton State University	TFS	YFCY	Change	TFS	YFCY	Change	TFS	YFCY	Change	
Longitudinal Mean Report										
Total (n)	368	368	-	832	832	-	3,208	3,208	-	
Mean	51.4	50.7	-0.8	52.0	52.3	0.3	53.0	53.3	0.3	
Standard deviation	8.90	11.34	-	9.37	11.11	-	8.86	10.57	-	
Significance	-		-	-		-	-		-	
Effect size	-	-0.07		-	0.03	-	-	0.03		
25th percentile	45.7	40.1	-5.6	45.8	44.2	-1.6	47.2	46.5	-0.7	
75th percentile	57.0	58.4	1.4	58.6	60.5	1.9	59.2	60.9	1.7	
The population mean at the end of the first year		Your Institution	n		Comp Group 1	1		Comp Group 2		
increased by 0.6.	72.7	57.0	58.4	72.7	58.6	60.5	72.7	9.2	60.9	
		51.4	50.7		52.0	52.3		53.0	53.3	
		45.7			45.8	44.2	4	7.2	46.5	
			40.1							
	7.3	TFS	YFCY	7.3	TFS	YFCY	7.3 T	FS	YFCY	
Longitudinal Percentage Report							<u> </u>			
Total (n)	368	368	-	832	832	-	3,208	3,208	-	
High construct score group	32.9%	33.7%	0.8%	37.4%	39.9%	2.5%	41.8%	41.7%	-0.1%	
Average construct score group	44.6%	34.0%	-10.6%	40.0%	33.9%	-6.1%	40.3%	37.9%	-2.4%	
Low construct score group	22.6%	32.3%	9.8%	22.6%	26.2%	3.6%	17.9%	20.4%	2.6%	
Significance (based on high score group)	-		-	-		-	-		-	
Survey items and estimation "weights": Rate yourself on each of the following traits as compared with the average person your age:		Your Institution High score grou			Comp Group 1 High score grou			Comp Group 2 igh score grou		
* Tolerance of others with different beliefs (3.01) * Ability to work cooperatively with diverse people (2.74)	22.0	0/	22.70/	37.4	%	39.9%	41.8%	<u> </u>	41.7%	
* Ability to discuss and negotiate controversial issues (2.57) * Openness to having my own views challenged (2.44) * Ability to see the world from someone else's perspective (2.42)	32.9	%	33.7%							
perspective (2.43)	TF	S	YFCY	TFS	<u></u>	YFCY	TFS		YFCY	



Social Agency CIRP Longitudinal Construct Report All Respondents

	,	Your Institution	on		Comp Group			Comp Group	2
Tarleton State University	TFS	YFCY	Change	TFS	YFCY	Change	TFS	YFCY	Change
Longitudinal Mean Report									
Total (n)	336	336	-	733	733	-	2,774	2,774	-
Mean	48.3	50.2	2.0	48.8	51.6	2.8	49.7	52.0	2.4
Standard deviation	9.76	9.96	-	9.84	10.23	-	9.58	9.99	-
Significance	-	**	-	-	***	-	-	***	-
Effect size	-	0.20	-	-	0.28	-	-	0.24	-
25th percentile	42.2	44.0	1.8	42.2	45.6	3.4	43.3	45.9	2.6
75th percentile	54.6	56.9	2.3	55.4	58.2	2.8	56.0	58.5	2.5
The population mean at the end of the first year		Your Institution	n		Comp Group	I	(Comp Group 2	
increased by 2.4.	80.0			80.0			80.0		
			56.9		55.4	58.2	E	6.0	58.5
	5	54.6	30.7		55.4	1	0	5.0	1
		40.2	50.2		48.8	51.6		49.7	52.0
		48.3	T		48.8	ı		T ''''	I
		12.2	44.0		42.2	45.6	4:	3.3	45.9
		12.2			42.2				
	23.6			23.6			23.6		
		ΓFS	YFCY		TFS	YFCY	Т	FS	YFCY
ongitudinal Percentage Report	Ι			Ī			Ī		
Total (n)	336	336	_	733	733	_	2,774	2,774	
High construct score group	23.8%	31.8%	8.0%	26.3%	36.7%	10.4%	28.3%	38.3%	10.0%
Average construct score group	39.6%	41.7%	2.1%	37.8%	40.1%	2.3%	40.7%	39.6%	-1.0%
Low construct score group	36.6%	26.5%	-10.1%	35.9%	23.2%	-12.7%	31.0%	22.1%	-8.9%
Significance (based on high score group)	-		-	-	*	-	-	***	-
Survey items and estimation "weights": Indicate the importance to you personally of each of the following:		Your Institution ligh score grou			Comp Group 1 High score grou			Comp Group 2 gh score grou	
* Participating in a community action program (2.86) * Helping to promote racial understanding (2.77)						36.7%			38.3%
* Becoming a community leader (2.65) * Keeping up to date with political affairs (2.15) * Influencing social values (1.78)	23.8%	6	31.8%	26.	3%		28.3%		
* Helping others who are in difficulty (1.71)	TFS		YFCY	TF	S	YFCY	TFS		YFCY



Academic Self-Concept CIRP Longitudinal Construct Report All Respondents

		Your Institution	on		Comp Group			Comp Group	2
Tarleton State University	TFS	YFCY	Change	TFS	YFCY	Change	TFS	YFCY	Change
Longitudinal Mean Report									
Total (n)	371	371	-	848	848	-	3,250	3,250	-
Mean	45.4	43.7	-1.7	45.1	43.8	-1.3	49.2	47.1	-2.1
Standard deviation	7.28	8.37	-	7.62	9.05	-	7.99	9.15	-
Significance	-	**	-	-	**	-	-	***	-
Effect size	-	-0.20	-	-	-0.14	-	-	-0.23	-
25th percentile	40.4	37.7	-2.7	39.2	37.4	-1.8	44.2	40.1	-4.1
75th percentile	49.8	48.8	-1.0	50.1	49.3	-0.8	55.3	52.7	-2.6
The population mean at the end of the first year		Your Institutio	n		Comp Group 1			Comp Group 2	
decreased by 1.3.	69.1			69.1 _I			69.1		
							5	5.3	F0.7
		49.8	48.8		50.1	49.3		ı	52.7
		45.4	1		1	I		49.2	47.1
		45.4	43.7		45.1	43.8			1
		40.4	07.7		39.2		4	4.2	40.1
			37.7		37.2	37.4			
	15.1			15.1			15.1	=-	
		TFS	YFCY		TFS	YFCY	Т	FS	YFCY
Longitudinal Percentage Report									
Total (n)	371	371	-	848	848	-	3,250	3,250	-
High construct score group	10.2%	9.4%	-0.8%	10.6%	11.2%	0.6%	26.2%	19.3%	-6.9%
Average construct score group	39.4%	31.8%	-7.5%	38.2%	33.5%	-4.7%	43.0%	42.2%	-0.9%
Low construct score group	50.4%	58.8%	8.4%	51.2%	55.3%	4.1%	30.7%	38.5%	7.8%
Significance (based on high score group)	-		-	-		-	-	**	-
		Your Institution	,		Comp Group 1		(Comp Group 2	
	1	High score grou			High score grou	0		gh score group)
Survey items and estimation "weights":									
Rate yourself on each of the following traits as									
compared with the average person your age: * Academic ability (4.02)									
* Mathematical ability (2.69)							27.207		
* Self-confidence (intellectual) (1.90)							26.2%		19.3%
* Drive to achieve (1.72)	10.2	%	9.4%	10.	.6%	11.2%			
	TFS	3	YFCY	TI	FS	YFCY	TFS	•	YFCY
	11.5	-	51						• •

Social Self-Concept CIRP Longitudinal Construct Report All Respondents

		Your Institution	n n		Comp Group			Comp Group	2
Tankston Chata III-innasita	TFS	YFCY	Change	TFS	YFCY	Change	TFS	YFCY	Change
Tarleton State University	113	1101	Change	113	11 (1	Change	113	11 01	Change
L ongitudinal Mean Report Total (n)	371	371	_	848	848	_	3,250	3,250	_
Mean	49.1	47.4	-1.7	48.7	47.1	-1.5	49.8	48.1	-1.7
Standard deviation	8.45	9.08	-	8.51	9.26	-	9.07	9.88	-
Significance	-	*	-	-	***	-	-	***	-
Effect size	_	-0.18	-	-	-0.17	-	-	-0.17	-
25th percentile	43.3	41.4	-1.9	42.9	41.2	-1.7	43.8	41.6	-2.2
75th percentile	54.7	53.4	-1.3	54.3	53.4	-0.9	56.0	54.7	-1.3
The population mean at the end of the first year		Your Institutio	n		Comp Group	1		Comp Group 2	
increased by 0.4.	77.3			77.3			77.3		
		54.7	53.4		54.3	53.4	5	6.0	54.7
		1	33.4		1	33.4		1	1
		4 9.1	47.4		48.7	47.1		49.8	48.1
		43.3	41.4		42.9	41.2	4.	3.8	41.6
	10.9	TFS	YFCY	10.9	TFS	YFCY	10.9 T	FS	YFCY
	_			T					
ongitudinal Percentage Report Total (n)	371	371	-	848	848	-	3,250	3,250	-
High construct score group	24.3%	21.3%	-3.0%	23.6%	21.2%	-2.4%	28.2%	24.2%	-4.0%
Average construct score group	42.0%	35.0%	-7.0%	41.2%	34.1%	-7.1%	41.8%	36.2%	-5.6%
Low construct score group	33.7%	43.7%	10.0%	35.3%	44.7%	9.4%	29.9%	39.5%	9.6%
Significance (based on high score group)	-		-	-		-	-		-
Survey items and estimation "weights":		Your Institution High score grou			Comp Group 1 High score grou			Comp Group 2 igh score grou	
Rate yourself on each of the following traits as compared with the average person your age: * Self-confidence (social) (2.06)									
* Leadership ability (1.96) * Popularity (1.81)	24.3	3%	21.3%	23	.6%	21.2%	28.2%	, ,	24.2%
* Public speaking ability (1.76)			21.370						
	TF		YFCY		FS	YFCY	TFS		YFCY

Habits of Mind

CIRP Longitudinal Construct Report

		Your Institution	on		Comp Group	1	Comp Group 2			
Tarleton State University	TFS	YFCY	Change	TFS	YFCY	Change	TFS	YFCY	Change	
Longitudinal Mean Report										
Total (n)	116	116	-	244	244	-	1,161	1,161	-	
Mean	48.2	45.6	-2.6	49.6	48.7	-0.9	51.9	49.7	-2.2	
Standard deviation	9.21	11.64	-	9.72	11.06	-	9.09	10.89	-	
Significance	-		-			-	-	***	-	
Effect size	-	-0.23	-		-0.08	-	-	-0.20	-	
25th percentile	40.9	37.3	-3.6	42.3	39.9	-2.4	45.7	42.6	-3.1	
75th percentile	54.0	53.7	-0.3	55.7	55.2	-0.5	58.2	57.1	-1.1	
decreased by 2.8.		Maria La de Pere			0	1		Comp Group 2	1	
decreased by 2.6.		Your Institutio	n		Comp Group	1		Comp Group 2	<u> </u>	
Survey items and estimation "weights":	73.9			73.9			73.9			
Rate yourself on each of the following traits as		54.0	F2.7		55.7	55.2		58.2	57.1	
compared with the average person your age:	'	04.0	53.7		1	55.2		1	1	
* Support your opinions with a logical argument		48.2	45 /		49.6	48.7		5 1.9	4 9.7	
(2.28)		I	45.6					45.7	ı	
* Seek solutions to problems and explain them to		10.9	37.3		42.3	39.9		43.7	42.6	
others (2.20) * Seek alternative solutions to a problem (1.81)			37.3							
* Evaluate the quality or reliability of information you										
received (1.61)	9.0			9.0			9.0			
* Ask questions in class (1.51)		ΓFS	YFCY		TFS	YFCY		TFS	YFCY	
* Take a risk because you felt you had more to										
Longitudinal Percentage Report										
Total (n)	116	116	-	244	244	-	1,161	1,161	-	
High construct score group	20.7%	19.8%	-0.9%	27.0%		-1.6%	36.4%	31.4%	-5.1%	
Average construct score group	41.4%	27.6%	-13.8%	40.6%		-4.5%	40.9%	34.7%	-6.2%	
Low construct score group	37.9%	52.6%	14.7%	32.4%	38.5%	6.1%	22.7%	33.9%	11.3%	
Significance (based on high score group)	-		-		-	-	-		-	
0 1							<u> </u>			
Survey items and estimation "weights":		Your Institution			Comp Group			Comp Group 2		
Rate yourself on each of the following traits as	F	ligh score grou	ıp		High score gro	up		High score grou	p	
compared with the average person your age:										
(continued) * Seek feedback on your academic work (1.43)										
* Explore topics on your own, even though it was										
not required for a class (1.42)							36.4	0/		
* Accept mistakes as part of the learning process				2	7.0%	25.4%	30.4	70	31.4%	
(1.17)	20.79	6	19.8%			20.770				
* Revise your papers to improve your writing										
(1.12)										
* Look up scientific research articles and resources	TFS		YFCY		ΓFS	YFCY	TFS		YFCY	
(0.89)	115		11 61			11 01	11 5	,	11 01	

Pluralistic Orientation CIRP Longitudinal Construct Report

		Your Institution	n		Comp Gro	oup 1		Comp Group	2
Tarleton State University	TFS	YFCY	Change	TFS	YFCY	' Change	TFS	YFCY	Change
Longitudinal Mean Report									
Total (n)	110	110	-	22	4 22	- 24	1,061	1,061	-
Mean	51.7	50.0	-1.6	52.	5 52	2.1 -0.4	53.5	53.2	-0.3
Standard deviation	9.41	10.93	-	9.3	5 10.6	- 63	8.68	10.52	-
Significance	-		-		-	-	-		-
Effect size	-	-0.15	-		0.0	- 03	-	-0.03	-
25th percentile	45.5	39.8	-5.7	46.			47.8	46.4	-1.4
75th percentile	57.7	57.2	-0.5	59.	2 59	9.8 0.6	59.8	60.7	0.9
The population mean at the end of the first year		Your Institution	n		Comp Gro	oup 1		Comp Group 2	2
increased by 0.6.	72.7	57.7	57.2	72.7	59.2	59.8	72.7	59.8	60.7
		51.7	50.0		52.5	52.1		53.5	53.2
		45.5	30.0		46.3			47.8	46.4
		45.5	39.8		40.3	44.7			40.4
	7.3	TFS	YFCY	7.3	TEC	VEOV	7.3	TFS	YFCY
		11.2	TECT		TFS	YFCY		11.2	TECT
Longitudinal Percentage Report									
Total (n)	110	110	-	22		24 -	1,061	1,061	-
High construct score group	34.5%	30.9%	-3.6%	38.49			43.3%	42.1%	-1.1%
Average construct score group	42.7%	35.5%	-7.3%	43.39			41.1%	36.9%	-4.1%
Low construct score group	22.7%	33.6%	10.9%	18.39	6 25.4	7.1%	15.6%	20.9%	5.3%
Significance (based on high score group)	-		-		-	-	-		-
Survey items and estimation "weights": Rate yourself on each of the following traits as compared with the average person your age:		Your Institution High score grou			Comp Gro High score (Comp Group 2 High score grou	
Tolerance of others with different beliefs (3.01) Ability to work cooperatively with diverse people (2.74) Ability to discuss and negotiate controversial issues (2.57)	34.	5%	30.9%	3	8.4%	38.4%	43.	3%	42.1%
* Openness to having my own views challenged (2.44) * Ability to see the world from someone else's perspective (2.43)	TF		YFCY		TFS	YFCY	TF		YFCY
İ	11	J	11.01		5	1101	11	J	1101



Social Agency CIRP Longitudinal Construct Report

		Your Institution	n		Comp	Group 1			Comp Group	2
Tarleton State University	TFS	YFCY	Change	TFS	YF	СХ	Change	TFS	YFCY	Change
Longitudinal Mean Report										
Total (n)	100	100	-	19	7	197	-	89	895	-
Mean	47.7	50.8	3.0	48.	1	51.6	3.5	48.0	51.1	2.4
Standard deviation	9.91	9.30	-	10.0	2	9.84	-	9.86		-
Significance	-	*	-		-	***	-		***	-
Effect size	-	0.33	-		-	0.35	-		- 0.24	-
25th percentile	41.0	45.3	4.3	41.		45.7	4.4	42.2		2.7
75th percentile	54.4	56.9	2.5	55.	0	58.3	3.3	55.3	58.0	2.7
The population mean at the end of the first year		Your Institutio	n		Comp	Group 1			Comp Group	2
increased by 2.4.	80.0		56.9	80.0		ı	58.3	80.0		58.0
		54.4	56.9		55.0	,			55.3	30.0
		47.7	50.8		Q 48	.1	51.6		48.6	51.1
			45.3				45.7			44.9
		41.0	43.3		41.3		10.7		42.2	44.7
	23.6			23.6				23.6		
	2010	TFS	YFCY	20.0	TFS	Υ	'FCY	20.0	TFS	YFCY
Longitudinal Percentage Report										
Total (n)	100	100	-	19	7	197	-	89	895	-
High construct score group	24.0%	33.0%	9.0%	25.49		8.1%	12.7%	25.9%		9.9%
Average construct score group	38.0%	43.0%	5.0%	37.19		9.6%	2.5%	40.1%		-1.0%
Low construct score group	38.0%	24.0%	-14.0%	37.69	% 2	2.3%	-15.2%	34.0%		-8.9%
Significance (based on high score group)	-		-		-		-		. *	-
Survey items and estimation "weights": Indicate the importance to you personally of each of the following:		Your Institution High score grou			Comp (High sco				Comp Group 2 High score grou	
* Participating in a community action program (2.86) * Helping to promote racial understanding (2.77) * Becoming a community leader (2.65) * Keeping up to date with political affairs (2.15) * Influencing social values (1.78) * Helping others who are in difficulty (1.71)	24.0 TF		33.0% YFCY		75.4% TFS		3.1% FCY		5.9% FFS	35.9% YFCY

Academic Self-Concept CIRP Longitudinal Construct Report

					Comp Grou			Comp Group	_
Tarleton State University	TFS	YFCY	Change	TFS	YFCY	Change	TFS	YFCY	Change
Longitudinal Mean Report									
Total (n)	111	111	-	228	3 228	-	1,073	1,073	-
Mean	46.7	44.9	-1.7	47.1	I 45.3	-1.8	51.6	49.4	-2.3
Standard deviation	7.93	8.64	-	7.43			7.88	9.35	-
Significance	-		-		- *	-	-	***	-
Effect size	•	-0.20	-		0.20		-	-0.24	-
25th percentile	41.6	38.5	-3.1	42.3			46.5	43.0	-3.5
75th percentile	51.0	51.1	0.1	51.7	51.6	-0.1	57.7	56.6	-1.1
The population mean at the end of the first year		Your Institutio	n		Comp Group	o 1		Comp Group 2	
decreased by 1.3.	69.1			69.1			69.1		
			F4.4		F1 7	F1 /	5	57.7	56.6
		51.0	51.1		51.7	51.6		51.6	
		46.7	44.9		47.1	45.3		7 31.0	49.4
		l	144.7		I	10.0	4	16.5	12.0
		41.6	38.5		42.3	39.0			43.0
	15.1			15.1			15.1		
		TFS	YFCY	15.1	TFS	YFCY		ΓFS	YFCY
					0				
Longitudinal Percentage Report									
Total (n)	111	111	-	228	3 228	-	1,073	1,073	-
High construct score group	10.8%	12.6%	1.8%	11.8%	5 13.2%	1.3%	36.3%	27.7%	-8.6%
Average construct score group	48.6%	36.0%	-12.6%	49.1%	40.4%	-8.8%	43.4%	42.5%	-0.9%
Low construct score group	40.5%	51.4%	10.8%	39.0%	46.5%	7.5%	20.3%	29.8%	9.5%
Significance (based on high score group)	-		-		-	-	-	*	-
		Your Institution			Comp Group	1		Comp Group 2	
		High score grou			High score gro			ligh score grou	
Survey items and estimation "weights":									
Rate yourself on each of the following traits as compared with the average person your age:									
* Academic ability (4.02)							27.20	,	
* Mathematical ability (2.69)							36.39	0	27.7%
* Self-confidence (intellectual) (1.90)					1.00/	13.2%			
* Drive to achieve (1.72)	10.8	%	12.6%		1.8%	13.2%			
	TFS	 S	YFCY		TFS	YFCY	TFS		YFCY
1									

Social Self-Concept

CIRP Longitudinal Construct Report

		Your Institution	on		Comp Group	1		Comp Group	2
Tarleton State University	TFS	YFCY	Change	TFS	YFCY	Change	TFS	YFCY	Change
ongitudinal Mean Report									
Total (n)	111	111	-	228	228	-	1,073	1,073	-
Mean	51.2	49.7	-1.5	50.7	49.1	-1.5	51.6	50.0	-1.6
Standard deviation	8.16	9.02	-	8.73	9.60	-	9.35	10.22	-
Significance	-		-	-		-	-	***	-
Effect size	-	-0.17	-	-	-0.16	-	-	-0.15	-
25th percentile	43.9	42.9	-1.0	44.3	42.4	-1.9	45.4	43.3	-2.1
75th percentile	57.2	55.6	-1.6	57.4	56.1	-1.3	57.8	57.2	-0.6
The population mean at the end of the first year		Your Institutio	n		Comp Group	1	(Comp Group 2	2
increased by 0.4.	77.3			77.3			77.3		
		57.2	55.6		57.4	56.1	5	7.8	57.2
		5 1.2	49.7		50.7	49.1		51.6	50.0
		43.9	42.9		44.3	42.4	4!	5.4	43.3
			12.7			42.4			
	10.9			10.9			10.9		
		TFS	YFCY		TFS	YFCY	T	FS	YFCY
ongitudinal Percentage Report	T			<u> </u>			Ī		
Total (n)	111	111	_	228	228	_	1,073	1,073	_
High construct score group	33.3%	28.8%	-4.5%	34.2%	30.3%	-3.9%	36.8%	31.9%	-4.9%
Average construct score group	40.5%	37.8%	-2.7%	37.3%	32.0%	-5.3%	40.4%	35.9%	-4.5%
Low construct score group	26.1%	33.3%	7.2%	28.5%	37.7%	9.2%	22.8%	32.2%	9.4%
Significance (based on high score group)	-		-	-		-	-		-
		Your Institution			Comp Group 1 High score grou			Comp Group 2 gh score grou	
Survey items and estimation "weights": Rate yourself on each of the following traits as			r					0	•
compared with the average person your age: * Self-confidence (social) (2.06)									
* Leadership ability (1.96)	33.39	0/.		34	.2%	20.20/	36.8%		31.9%
* Popularity (1.81) * Public speaking ability (1.76)	33.3.	⁷⁰	28.8%			30.3%			31.9%
	TFS		YFCY	т	FS	YFCY	TFS		YFCY

Habits of Mind

CIRP Longitudinal Construct Report

		Your Institution	on		Comp Gr	oup 1		Con	np Group	2
Tarleton State University	TFS	YFCY	Change	TFS	YFC	Y Change	TFS	;	YFCY	Change
Longitudinal Mean Report										
Total (n)	269	269	-	66	7 6	- 67	2,3	369	2,369	-
Mean	47.8	45.7	-2.1	48.	5 48	8.0 -0.5	5	0.6	49.0	-1.6
Standard deviation	9.07	11.98	-	9.7	7 11.	.69 -	9	.17	10.72	-
Significance	-	*	-		-	-		-	***	-
Effect size	-	-0.18	-			.05 -		-	-0.15	-
25th percentile	41.5	37.8	-3.7	41.		9.2 -2.2		4.4	41.4	-3.0
75th percentile	54.0	52.9	-1.1	55.3	3 5	5.5 0.2	5	6.8	56.1	-0.7
the population mean at the end of the first year decreased by 2.8.		Your Institution	n		Comp Gr	oun 1		Com	p Group 2	
uosii odood 2) 2:o.		Tour manual	11		Comp on	oup i	70.0	0011	ip Group 2	
Survey items and estimation "weights":	73.9			73.9			73.9			
Rate yourself on each of the following traits as		54.0	52.9		55.3	55.5		56.8		56.1
compared with the average person your age:		1	52.7		1	1		1	FO (1
* Support your opinions with a logical argument (2.28)		47.8	45.7		48.6	48.0		I	50.6	49.0
* Seek solutions to problems and explain them to		11.5	37.8		41.4	39.2		44.4		41.4
others (2.20) * Seek alternative solutions to a problem (1.81)			37.8			37.2				
* Evaluate the quality or reliability of information you										
received (1.61)	9.0			9.0			9.0			
* Ask questions in class (1.51)		TFS	YFCY		TFS	YFCY		TFS		YFCY
* Take a risk because you felt you had more to										
Longitudinal Percentage Report										
Total (n)	269	269	-	66	7 6	.67 -	2,3	369	2,369	
High construct score group	20.1%	20.8%	0.7%	26.29			31.		28.6%	-3.0%
Average construct score group	41.3%	29.4%	-11.9%	37.09			41.		36.1%	-5.0%
Low construct score group	38.7%	49.8%	11.2%	36.79	6 41.°	1% 4.3%	27.	4%	35.3%	7.9%
Significance (based on high score group)	-		-		-	-		-		-
	•			•						
Survey items and estimation "weights":		Your Institution			Comp Gro				p Group 2	
Rate yourself on each of the following traits as	F	ligh score grou	ıp		High score	group		High s	core group)
compared with the average person your age: (continued)										
* Seek feedback on your academic work (1.43)										
* Explore topics on your own, even though it was										
not required for a class (1.42)										
* Accept mistakes as part of the learning process				2	6.2%	26.5%		31.6%		28.6%
(1.17)	20.19	6	20.8%		/-	25.575				
* Revise your papers to improve your writing										
(1.12)										
* Look up scientific research articles and resources	TFS		YFCY		TFS	YFCY		TFS		YFCY
(0.89)	115		11 01			11 01		11 3		

Pluralistic Orientation CIRP Longitudinal Construct Report

	Women									
l		Your Institution	n		Comp Group	1	Comp Group 2			
Tarleton State University	TFS	YFCY	Change	TFS	YFCY	Change	TFS	YFCY	Change	
ongitudinal Mean Report										
Total (n)	258	258	-	608	608	-	2,147	2,147	-	
Mean	51.3	50.9	-0.4	51.8	52.4	0.6	52.7	53.4	0.6	
Standard deviation	8.68	11.52	-	9.38	11.29	-	8.94	10.60	-	
Significance	-		-	-		-	-	*	-	
Effect size	-	-0.03	-	-	0.05	-	-	0.06	-	
25th percentile	45.8	40.1	-5.7	45.3	44.1	-1.2	46.7	46.5	-0.2	
75th percentile	56.4	58.7	2.3	58.4	60.9	2.5	58.9	61.1	2.2	
The population mean at the end of the first year		Your Institution	n		Comp Group	1		Comp Group 2		
increased by 0.6.	72.7		58.7	72.7	58.4	60.9	72.7	8.9	61.1	
		56.4	38.7		58.4	1	3	0.7	ı	
		5 1.3	50.9		51.8	52.4		52.7	53.4	
		45.8	10.1		45.3	44.1	4	6.7	46.5	
			40.1							
	7.3	TFS	YFCY	7.3	TFS	YFCY	7.3 L	FS	YFCY	
					0					
ongitudinal Percentage Report										
Total (n)	258	258	-	608	608	-	2,147	2,147		
High construct score group	32.2%	34.9%	2.7%	37.0%	40.5%	3.5%	41.1%	41.5%	0.4%	
Average construct score group	45.3%	33.3%	-12.0%	38.8%	33.1%	-5.8%	39.9%	38.3%	-1.6%	
Low construct score group	22.5%	31.8%	9.3%	24.2%	26.5%	2.3%	19.0%	20.2%	1.2%	
Significance (based on high score group)	-		-	-		-	-		-	
		Your Institution	1		Comp Group 1	l	Comp Group 2			
Survey items and estimation "weights":		High score grou			High score grou	ıp	Н	igh score group)	
Rate yourself on each of the following traits as										
compared with the average person your age:										
* Tolerance of others with different beliefs (3.01) * Ability to work cooperatively with diverse										
people (2.74)				27	.0%	40.5%	41.1%		41.5%	
* Ability to discuss and negotiate controversial	32.2	2%	34.9%	31	.076					
issues (2.57)										
* Openness to having my own views challenged (2.44)										
* Ability to see the world from someone else's										
perspective (2.43)	TF	S	YFCY	Т	FS	YFCY	TFS		YFCY	
		-	51	•		-				



Social Agency

CIRP Longitudinal Construct Report

		Your Institution	on		Comp Group	1		Comp Group	2
Tarleton State University	TFS	YFCY	Change	TFS	YFCY	Change	TFS	YFCY	Change
Longitudinal Mean Report									
Total (n)	236	236	-	536	536	-	1,879	1,879	-
Mean	48.5	50.0	1.5	49.1	51.7	2.6	50.1	52.5	2.3
Standard deviation	9.71	10.24	-	9.77		-	9.41	9.85	-
Significance	-		-	-	***	-	-	***	-
Effect size	-	0.15	-	-		-	-	0.24	-
25th percentile	42.3	43.5	1.2	42.4		3.1	43.6	46.2	2.6
75th percentile	54.6	57.0	2.4	55.4	58.2	2.8	56.4	58.8	2.4
The population mean at the end of the first year		Your Institutio	n		Comp Group	1		Comp Group 2	2
increased by 2.4.	80.0			80.0		50.0	80.0		58.8
		54.6	57.0		55.4	58.2		56.4	30.0
		48.5	50.0		49.1	51.7		50.1	52.5
		42.3	43.5		42.4	45.5		43.6	46.2
	23.6	TFS	YFCY	23.6	TFS	YFCY	23.6	TFS	YFCY
		113	1101		11-2	TECT		113	1101
Longitudinal Percentage Report									
Total (n)	236	236	-	536	536	-	1,879	1,879	-
High construct score group	23.7%	31.4%	7.6%	26.7%	36.2%	9.5%	29.5%	39.5%	10.0%
Average construct score group	40.3%	41.1%	0.8%	38.1%	40.3%	2.2%	40.9%	39.9%	-1.1%
Low construct score group	36.0%	27.5%	-8.5%	35.3%	23.5%	-11.8%	29.6%	20.6%	-8.9%
Significance (based on high score group)	-		-	-		-	-	***	-
Survey items and estimation "weights": Indicate the importance to you personally of each of the following: * Participating in a community action		Your Institution High score grou			Comp Group High score gro			Comp Group 2 High score grou	
Participating in a community action program (2.86) * Helping to promote racial understanding (2.77) * Becoming a community leader (2.65) * Keeping up to date with political affairs (2.15) * Influencing social values (1.78) * Helping others who are in difficulty (1.71)	23. 		31.4% YFCY		.7% FS	36.2% YFCY	29.! 		39.5% YFCY

Academic Self-Concept CIRP Longitudinal Construct Report

		Your Institution	n		Comp Group	1		Comp Group	2	
Tarleton State University	TFS	YFCY	Change	TFS	YFCY	Change	TFS	YFCY	Change	
Longitudinal Mean Report										
Total (n)	260	260	-	620		-	2,177	2,177	-	
Mean	44.8	43.2	-1.6	44.4	43.2	-1.1	48.0	45.9	-2.1	
Standard deviation	6.92	8.21	-	7.57		-	7.78	8.83	-	
Significance	-	*	-	-	*	-	-	***	-	
Effect size	-	-0.20	-	-	-0.13	-	-	-0.24	-	
25th percentile	40.2	37.6	-2.6	38.7		-1.8	42.8	39.0	-3.8	
75th percentile	48.6	48.5	-0.1	49.0	48.9	-0.1	53.1	50.8	-2.3	
The population mean at the end of the first year		Your Institutio	n		Comp Group	1		Comp Group 2		
decreased by 1.3.	69.1			69.1			69.1			
		48.6	48.5		49.0	48.9	5	53.1	50.8	
			1		1	1		48.0	<u> </u> 45.0	
		44.8	43.2		44.4	43.2		T	45.9	
		40.2			38.7	I	4	12.8	39.0	
		10.2	37.6		38.7	36.9			37.0	
	15.1	TEC	VECV	15.1	TE0	\/F0\/	15.1	FFC	VECV	
		TFS	YFCY		TFS	YFCY		ΓFS	YFCY	
Longitudinal Percentage Report										
Total (n)	260	260	-	620		-	2,177	2,177	-	
High construct score group	10.0%	8.1%	-1.9%	10.2%		0.3%	21.3%	15.2%	-6.1%	
Average construct score group	35.4%	30.0%	-5.4%	34.2%		-3.2%	42.9%	42.0%	-0.9%	
Low construct score group	54.6%	61.9%	7.3%	55.6%	58.5%	2.9%	35.9%	42.8%	6.9%	
Significance (based on high score group)	-		•	-		-	-		•	
		Your Institution	1		Comp Group 1	1	Comp Group 2			
		High score grou			High score grou	ıb	Н	ligh score grou	p	
Survey items and estimation "weights": Rate yourself on each of the following traits as										
compared with the average person your age:										
* Academic ability (4.02)										
* Mathematical ability (2.69)										
* Self-confidence (intellectual) (1.90)							21.39	6	15.2%	
* Drive to achieve (1.72)	10.0)%	8.1%	10	1.2%	10.5%			10.270	
	TF	S	YFCY	Т	FS	YFCY	TFS		YFCY	
<u>l</u>										

Social Self-Concept

CIRP Longitudinal Construct Report

		Your Institution	on		Comp Group	1		Comp Group	2
Tarleton State University	TFS	YFCY	Change	TFS	YFCY	Change	TFS	YFCY	Change
Longitudinal Mean Report									
Total (n)	260	260	-	620	620	-	2,177	2,177	-
Mean	48.2	46.5	-1.7	48.0	46.4	-1.6	48.9	47.2	-1.7
Standard deviation	8.44	8.95	-	8.32	9.02	-	8.79	9.58	-
Significance	-	*	-	-	**	-	-	***	-
Effect size	-	-0.19	-	-	-0.17	-	-	-0.18	-
25th percentile	42.8	41.2	-1.6	42.2	40.3	-1.9	43.0	41.0	-2.0
75th percentile	54.0	52.2	-1.8	53.5	52.4	-1.1	54.7	53.4	-1.3
The population mean at the end of the first year		Your Institutio	n		Comp Group 1	I		Comp Group 2	?
increased by 0.4.	77.3			77.3			77.3		
		54.0	52.2		53.5	52.4		54.7	53.4
		<u></u>	1		1	1		48.9	1
		48.2	46.5		48.0	46.4		40.9	47.2
		42.8	41.2		42.2	40.3	4	13.0	41.0
	10.9			10.0			10.9		
		TFS	YFCY	10.9	TFS	YFCY		ΓFS	YFCY
ongitudinal Percentage Report Total (n)	260	260	-	620	620	-	2,177	2,177	-
High construct score group	20.4%	18.1%	-2.3%	19.7%	17.9%	-1.8%	24.0%	20.5%	-3.5%
Average construct score group	42.7%	33.8%	-8.8%	42.6%	34.8%	-7.7%	42.5%	36.4%	-6.2%
Low construct score group	36.9%	48.1%	11.2%	37.7%	47.3%	9.5%	33.4%	43.1%	9.7%
Significance (based on high score group)	-		-	-		-	-		-
	ı	Your Institution High score grou			Comp Group 1 High score grou			Comp Group 2 ligh score grou	
Survey items and estimation "weights": Rate yourself on each of the following traits as compared with the average person your age: * Self-confidence (social) (2.06)									
* Leadership ability (1.96)									
* Popularity (1.81)					70/		24.09	6	20 50/
* Public speaking ability (1.76)	20.4	% 	18.1%	19.	.7%	17.9%	24.07		20.5%
		<u> </u>	YFCY		FS	YFCY	TFS		YFCY