

TABLE 1**Description of participating institutions.**

Institution	Enrolled undergraduates	Hispanic population	6-year graduation rate	Percentage of degrees awarded to Hispanic students	Accountability group
Medium, public HSI	5,417	70.8%	n/a	66.3%	Master's
Medium, public HSI	5,798	39.1%	81.6%	24.7%	Master's
Large, public, HSI	34,180	37.3%	62.8%	30.6%	Emerging R2
Small, private, eHSI	3,666	17.8%	61.0%	13.4%	Doctoral
Medium, public, eHSI	8,031	20.8%	49.9%	14.4%	Doctoral PU
Large, public, eHSI	31,347	21.8%	59.3%	20.5%	Emerging R1

Source: Villalta-Cerdas et al., in press.

Note. HSI = Hispanic-Serving Institution, eHSI = emerging Hispanic-Serving Institution. Carnegie classifications: R1, R2 = Research university and level, PU = professional university, n/a = not available due to its relatively new standing.

TABLE 2**Diagnostic instrument means.**

Category	n	MUST		QR	
		M	SD	M	SD
Hispanics at HSIs	106	4.0	3.6	10.0	3.1
Non-Hispanics at HSIs	100	6.2	4.1	11.1	3.1
Hispanics at eHSIs	106	7.3	4.6	12.3	3.2
Non-Hispanics at eHSIs	252	8.2	4.9	12.9	3.4
Total Hispanics	212 (37.6%)	5.7	4.1	11.1	3.1
Total Non-Hispanics	352 (62.4%)	7.6	4.7	12.4	3.3

Source. Villalta-Cerdas et al., in press.

Note. HSI = Hispanic-Serving Institution; eHSI = emerging Hispanic-Serving Institution; MUST = Math-Up Skills Test; QR = quantitative reasoning. n = 564; MUST max points = 20; QR max points = 20.

TABLE 3**Diagnostic assessment scores (MUST and QR max scores = 20 each) and class averages by institution type.**

Institution	n	MUST		QR		Class average	
		M	SD	M	SD	M	SD
eHSI	39	5.7	3.7	11.7	2.9	58.2	12.3
HSI	30	4.7	3.0	10.4	3.2	60.5	7.3
Totals	69	5.3	3.4	11.2	3.1	59.2	10.4

Source. Villalta-Cerdas et al., in press.

Note. HSI = Hispanic-Serving Institution; eHSI = emerging Hispanic-Serving Institution; MUST = Math-Up Skills Test; QR = quantitative reasoning.

TABLE 4
Students' academic classifications.

Class	Institution	n	*MUST by class		MUST by institution		*QR by class		QR by institution		Class average by class		Class average by institution	
			M	SD	M	SD	M	SD	M	SD	M	SD	M	SD
Freshman	eHSI	15	7.7	2.9	5.7	3.7	12.6	2.4	11.7	2.9	60.4	6.5	58.2	12.3
Sophomore		11	4.0	2.6			12.1	2.2			56.2	14.6		
Junior		11	5.3	4.6			10.8	3.9			55.8	16.3		
Senior		2	3.5	2.1			8.5	0.7			66.8	0.003		
Freshman	HSI	22	4.5	2.7	4.7	3.0	9.8	2.9	10.4	3.2	59.4	7.8	60.5	7.3
Sophomore		6	5.5	4.4			13.8	2.5			65.2	2.9		
Junior		1	4				7				52.9			
Unknown		1	5				8				64.6			
Total		69			5.3	3.4			11.2	3.1			59.2	10.4

Notes. HSI = Hispanic-Serving Institution; eHSI = emerging Hispanic-Serving Institution; MUST = Math-Up Skills Test; QR = quantitative reasoning. * $p < 0.05$. Freshmen at eHSIs had MUST and QR scores that were statistically higher than the freshmen at HSIs; sophomores at HSIs statistically outperformed freshmen at HSIs.

TABLE 5
Students' residence location.

Dorm	Institution	n	MUST by dorm		MUST by institution		QR by dorm		QR by institution		Class average by dorm		Class average by institution	
			M	SD	M	SD	M	SD	M	SD	M	SD	M	SD
No	eHSI	12	4.6	4.1	5.7	3.7	11.6	3.0	11.7	2.9	52.6	18.9	58.2	12.3
Yes		27	6.3	3.4			11.8	2.9			60.7	7.0		
No	HSI	12	4.4	3.4	4.7	3.0	11.1	3.4	10.4	3.2	62.9	5.8	60.5	7.3
Yes		17	4.9	2.8			10.2	3.1			59.0	8.1		
Total		68			5.3	3.4			11.3	3.1			59.2	10.5

Notes. HSI = Hispanic-Serving Institution; eHSI = emerging Hispanic-Serving Institution; MUST = Math-Up Skills Test; QR = quantitative reasoning. One student did not report where they lived (MUST = 3, QR = 6, and class average = 58.3%).

TABLE 6**Students' employment information.**

Hours worked	Institution	<i>n</i>	MUST by institution		MUST combined		QR by institution		QR combined		Class average by institution		Class average combined							
			M	SD	M	SD	M	SD	M	SD	M	SD	M	SD						
0	eHSI	25	6.6	3.4	5.7	3.1	12.2	3.0	11.2	3.2	60.9	5.8	60.5	6.9						
	HSI	20	4.5	2.1			9.8	2.9			60.0	8.2								
1–10	eHSI	3	4.3	3.1	4.0	2.9	9.0	1.7	10.7	2.5	67.0	0.82	61.4	8.8						
	HSI	0																		
11–20	eHSI	5	2.6	1.7							10.6	1.5					55.6	12.3		
	HSI	6	5.0	3.5							11.7	3.2					63.4	4.8		
21–30	eHSI	2	2.5	2.1	5.6	5.3	13.0	0.0	12.6	3.6	57.4	7.5	49.7	20.3						
	HSI	2	2.0	1.4							11.5	0.7					56.7	6.9		
31–40+	eHSI	4	6.8	5.6							11.5	4.2					38.7	27.6		
	HSI	1	14.0								18.0						64.2			
Unknown	HSI	1	3.0		3.0		6.0		6.0		58.3		58.3							
	Total	69			5.3	3.4			11.2	3.1			59.2	10.4						

Notes. HSI = Hispanic-Serving Institution; eHSI = emerging Hispanic-Serving Institution; MUST = Math-Up Skills Test; QR = quantitative reasoning.