

Table 1: Graduation Rates: Chi Square Tests of Association (Fall 2005, 2006 and 2007 Cohorts)

	Percentage Making the Transition						Overall		
	Freshman to Sophomore Transition	Sophomore to Junior Transition	Junior to Senior Transition	Senior to Completion in Four Years	Senior to Completion in Six Years	Senior to Completion in Eight Years	Freshman to Completion in Four Years	Freshman to Completion in Six Years	Freshman to Completion in Eight Years
Cumulative GPA	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001			
Cumulative GPA < 2.0	0.53	0.47	0.5000	0	0	0			
Cumulative GPA > 2.0 < 2.5	0.90	0.91	0.97	0.09	0.61	0.63			
Cumulative GPA > 2.5 < 3.0	0.94	0.93	0.97	0.36	0.89	0.91			
Cumulative GPA > 3.0 < 3.5	0.95	0.85	0.96	0.65	0.98	0.98			
Cumulative GPA > 3.5	0.92	0.84	0.94	0.83	0.99	0.99			
Major Racial/Ethnic Groups					0.03	0.01			
Ethnic Group Hispanic	0.87	0.90	0.93	0.41	0.79	0.81	0.30	0.54	0.55
Ethnic Group African American	0.83	0.89	0.96	0.42	0.85	0.85	0.29	0.54	0.54
Ethnic Group Asian	0.89	0.86	0.97	0.46	0.88	0.89	0.32	0.58	0.59
Ethnic Group White	0.86	0.85	0.94	0.44	0.82	0.82	0.28	0.50	0.51
Ethnic Group Other & Unknown	0.91	0.87	0.96	0.43	0.78	0.78	0.29	0.50	0.50
First Generation	0.03	0.04	0.03						
First Generation	0.85	0.89	0.93	0.43	0.82	0.83	0.31	0.54	0.55
Not First Generation	0.89	0.86	0.96	0.44	0.85	0.86	0.30	0.54	0.55
Pell Eligible			0.03		0.05	0.02			0.03
Pell Eligible	0.85	0.88	0.93	0.41	0.80	0.81	0.28	0.52	0.52
Not Pell Eligible	0.89	0.87	0.96	0.45	0.85	0.86	0.32	0.56	0.57
SAT Math + Reading									
SAT < 910	0.86	0.87	0.94	0.43	0.77	0.77	0.30	0.50	0.50
SAT > 900 and < 1000	0.85	0.90	0.94	0.40	0.83	0.83	0.27	0.54	0.54
SAT > 990 and < 1090	0.88	0.87	0.97	0.37	0.81	0.81	0.29	0.55	0.55
SAT > 1080 and < 1270	0.90	0.87	0.96	0.45	0.80	0.80	0.32	0.54	0.54
SAT > 1260	0.85	0.84	0.93	0.28	0.74	0.74	0.17	0.44	0.44
High School Weighted GPA	0.02			0.0001	0.01	0.03	0.0001	0.0001	0.0001
High School GPA < 3.10	0.86	0.84	0.95	0.37	0.76	0.78	0.22	0.43	0.45
High School GPA > 3.09 and < 3.40	0.83	0.89	0.96	0.37	0.80	0.82	0.24	0.51	0.52
High School GPA > 3.39 and < 3.53	0.89	0.87	0.96	0.39	0.85	0.86	0.28	0.58	0.58
High School GPA > 3.52 and < 3.77	0.87	0.86	0.95	0.48	0.84	0.84	0.33	0.55	0.55
High School GPA > 3.76	0.92	0.90	0.93	0.55	0.89	0.89	0.43	0.65	0.65

Table 3: New From High School Cohort Retention and Degree Completion -- Number Lost and Cost of Those Lost

		Persistence							
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8
2005	706	82%	68%	64%	25%	5%	1%	0%	0%
2006	396	80%	69%	65%	29%	9%	1%		
2007	668	79%	67%	62%	31%	8%			
2008	922	83%	74%	68%	31%	9%			
2009	1,126	87%	75%	71%	32%				

		Graduation					
		Year 4	Year 5	Year 6	Year 7	Year 8	
2005	706		33%	52%	58%	60%	61%
2006	396		30%	51%	58%	61%	
2007	668		27%	49%	57%		
2008	922		34%	55%			
2009	1,126		37%				

		Combined Persistence and Graduation							
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8
2005		82%	68%	64%	58%	58%	59%	61%	61%
2006		80%	69%	65%	58%	59%	59%	61%	
2007		79%	67%	62%	57%	57%	57%		
2008		83%	74%	68%	64%	64%			
2009		87%	75%	71%	69%				

		Combined Persistence and Graduation as Head Counts							
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8
2005	706	581	482	448	411	407	417	427	429
2006	396	315	272	257	231	235	233	242	
2007	668	529	447	414	383	379	379		
2008	922	766	684	631	593	590			
2009	1,126	981	848	803	772				

Annual Noncompletion Head Count Loss				
	From 1 to 2	From 2 to 3	From 3 to 4	From 4 to 5
	125	99	34	37
	81	43	15	26
	139	82	33	31
	156	82	53	38
	145	133	45	30
Sum	646	439	180	163
	45%	31%	13%	11%

Pseudo Transfer Graduation Rate (Freshman in Year 3 to Graduation)							
Year 3	2 Year	3 Year	4 Year	2 Year	3 Year	4 Year	
482	235	369	411	49%	77%	85%	
272	118	201	230	43%	74%	85%	
447	179	328	379	40%	73%	85%	
684	310	509		45%	74%		
848	413			49%			
				45%	75%	85%	

Relative Weighted Annual Loss				
Number Lost Times Years	x1	x2	x3	x4
	1	2	3	4
	125	198	102	150
	81	86	45	105
	139	164	98	126
	156	164	160	151
	145	266	135	122
Sum	521	680	439	503
Amount Relative to Year One				
	100%	158%	81%	120%
	100%	105%	56%	129%
	100%	118%	71%	90%
	100%	105%	103%	97%
	100%	183%	93%	84%
	100%	130%	84%	96%

Table 4: Retention and Undergraduate Student Experience as Measured by UCUES 2012 Survey Factor Scores

Class Standing in Spring of 2012	Returned Following				Retention Discriminant	
	NO	YES	Yes - No	ANOVA	Cum GPA	Factor Score
Freshmen						
Factor 1: Satisfaction with Educational Experience	5.3	5.3	0.0	0.99	0.0001	0.87
Factor 2: Current Skills Self-Assessment (Nonquantitative)	4.6	4.6	0.0	0.99	0.0001	0.58
Factor 3: Engagement with Studies	5.5	5.5	0.0	1.00	0.0001	0.82
Factor 4: Gains in Self-Assessment of Skills (Nonquantitative)	5.0	4.7	-0.3	0.20	0.0001	0.71
Factor 5: Development of Scholarship	5.5	5.6	0.1	0.74	0.0001	0.80
Factor 6: Campus Climate for Diversity	6.6	6.0	-0.6	0.01	0.0001	0.02
Factor 7: Academic Disengagement	4.9	4.6	-0.3	0.20	0.0001	0.57
Factor 8: Quantitative Professions	5.8	5.8	-0.1	0.79	0.0001	0.89
Sophomores Began as Freshmen						
Factor 1: Satisfaction with Educational Experience	3.9	4.9	1.1	0.003	0.31	0.003
Factor 2: Current Skills Self-Assessment (Nonquantitative)	5.0	4.7	-0.3	0.37	0.30	0.38
Factor 3: Engagement with Studies	5.3	5.0	-0.3	0.31	0.28	0.32
Factor 4: Gains in Self-Assessment of Skills (Nonquantitative)	5.0	5.2	0.2	0.47	0.42	0.53
Factor 5: Development of Scholarship	5.1	5.4	0.4	0.30	0.33	0.32
Factor 6: Campus Climate for Diversity	5.9	5.7	-0.2	0.52	0.33	0.45
Factor 7: Academic Disengagement	5.0	4.7	-0.3	0.34	0.28	0.24
Factor 8: Quantitative Professions	5.4	5.6	0.2	0.53	0.32	0.55
Juniors Began as Freshmen						
Factor 1: Satisfaction with Educational Experience	4.6	4.5	-0.2	0.47	0.27	0.55
Factor 2: Current Skills Self-Assessment (Nonquantitative)	5.0	4.7	-0.3	0.14	0.18	0.13
Factor 3: Engagement with Studies	5.6	5.0	-0.5	0.01	0.07	0.01
Factor 4: Gains in Self-Assessment of Skills (Nonquantitative)	5.7	5.1	-0.5	0.02	0.34	0.02
Factor 5: Development of Scholarship	5.7	5.3	-0.4	0.08	0.30	0.08
Factor 6: Campus Climate for Diversity	5.6	5.4	-0.2	0.44	0.18	0.39
Factor 7: Academic Disengagement	4.5	4.4	-0.1	0.54	0.11	0.46
Factor 8: Quantitative Professions	5.3	5.4	0.1	0.56	0.26	0.63
Seniors Began as Freshmen (Note that return is not best outcome for a senior)						
Factor 1: Satisfaction with Educational Experience	5.1	3.7	-1.3	0.0001	0.02	0.0002
Factor 2: Current Skills Self-Assessment (Nonquantitative)	5.4	4.9	-0.5	0.15	0.02	0.13
Factor 3: Engagement with Studies	6.2	5.8	-0.4	0.20	0.03	0.22
Factor 4: Gains in Self-Assessment of Skills (Nonquantitative)	6.2	5.7	-0.5	0.16	0.04	0.12
Factor 5: Development of Scholarship	6.0	5.7	-0.3	0.31	0.03	0.26
Factor 6: Campus Climate for Diversity	5.9	5.3	-0.6	0.05	0.03	0.06
Factor 7: Academic Disengagement	4.7	4.4	-0.3	0.27	0.05	0.13
Factor 8: Quantitative Professions	5.4	5.4	0.0	0.91	0.03	0.97
Juniors Began as Transfers						
Factor 1: Satisfaction with Educational Experience	4.0	5.4	1.4	0.004	0.67	0.04
Factor 2: Current Skills Self-Assessment (Nonquantitative)	4.7	5.1	0.4	0.43	0.71	0.30
Factor 3: Engagement with Studies	4.9	5.5	0.6	0.23	0.47	0.03
Factor 4: Gains in Self-Assessment of Skills (Nonquantitative)	4.4	3.9	-0.4	0.23	0.57	0.77
Factor 5: Development of Scholarship	5.0	5.8	0.8	0.16	0.59	0.03
Factor 6: Campus Climate for Diversity	5.6	6.3	0.7	0.16	0.58	0.08
Factor 7: Academic Disengagement	4.7	3.8	-0.9	0.05	0.71	0.61
Factor 8: Quantitative Professions	4.3	4.8	0.6	0.24	0.82	0.46
Seniors Began as Transfers (Note that return is not best outcome)						
Factor 1: Satisfaction with Educational Experience	4.9	4.7	-0.1	0.77	0.73	0.86
Factor 2: Current Skills Self-Assessment (Nonquantitative)	5.6	5.2	-0.4	0.41	0.43	0.53
Factor 3: Engagement with Studies	6.2	6.1	-0.1	0.87	0.54	0.98
Factor 4: Gains in Self-Assessment of Skills (Nonquantitative)	5.4	5.2	-0.2	0.61	0.29	0.58
Factor 5: Development of Scholarship	5.9	5.1	-0.8	0.07	0.84	0.09
Factor 6: Campus Climate for Diversity	5.7	5.6	-0.1	0.82	0.52	0.87
Factor 7: Academic Disengagement	4.3	4.8	0.5	0.24	0.54	0.27
Factor 8: Quantitative Professions	4.9	4.6	-0.4	0.50	0.49	0.44

Table 5: Probability of Chi-Square Associated with Test Comparing Responses of Those Who

	Class Level When Completing UCUES in Spring 2012			
	Freshman	Sophomore	Junior	Senior
How concerned have you been about paying for your undergraduate education up to now?				
Matriculated as Freshman	0.23	0.69	0.04	0.59
Matriculated as Transfer			0.98	0.50
How concerned have you been about paying for your undergraduate education next year?				
Matriculated as Freshman	0.64	0.49	0.47	0.12
Matriculated as Transfer			0.88	0.90

From Above -- Detail on Juniors Who Began as Freshmen: How concerned have you been about paying for your

	Did NOT Return			Returned		
	#	%	Cumulative	#	%	Cumulative
Not at all concerned	7			3		
		5%	5%		2%	2%
Unconcerned	10			7		
		8%	13%		5%	8%
Somewhat unconcerned	12			24		
		9%	22%		18%	26%
Somewhat concerned	22			33		
		17%	39%		25%	52%
Concerned	42			27		
		32%	72%		21%	72%
Very concerned	37			36		
		28%	100%		28%	100%
Sum	130			130		
Mean (Not at all concerned = 1, Very concerned = 5)		3.5			3.4	

Table 6: Comparison of Factor Scores by Graduating in Four Years for Freshman Cohorts in Fall of 2008 (Question Answered in Spring of 2012)

	Graduated in Four?			<u>ANOVA by College (Probability Reported)</u>			
	No	Yes	Yes - No	ANOVA (All Colleges)	Engineering	Natural Science	SSHA
Factor 1: Satisfaction with Educational Experience	4.9	5.3	0.40	0.10	0.09	0.32	0.90
Factor 2: Current Skills Self-Assessment (Nonquantitative)	5.4	5.6	0.16	0.52	0.26	0.24	0.52
Factor 3: Engagement with Studies	6.1	6.3	0.17	0.45	0.05	0.75	0.79
Factor 4: Gains in Self-Assessment of Skills (Nonquantitative)	6.1	6.1	-0.01	0.96	0.33	0.87	0.76
Factor 5: Development of Scholarship	6.2	6.0	-0.18	0.37	0.51	0.53	0.17
Factor 6: Campus Climate for Diversity	5.9	5.9	-0.01	0.98	0.98	0.42	0.47
Factor 7: Academic Disengagement	4.9	4.7	-0.23	0.24	0.54	0.29	0.62
Factor 8: Quantitative Professions	5.7	5.3	-0.44	0.11	0.74	0.85	0.33

Table 7: Transfer Student Retention and Degree Completion

		Persistence		Graduation				
		One Year	Two Years	2-Year	3-Year	4-Year	5-year	6-Year
Percentages								
Fall 2005	130	0.81	0.26	0.49	0.67	0.73	0.75	0.77
Fall 2006	100	0.82	0.42	0.30	0.57	0.70	0.70	0.71
Fall 2007	116	0.82	0.41	0.33	0.51	0.64	0.68	0.71
Fall 2008	138	0.82	0.58	0.16	0.51	0.61	0.66	
Fall 2009	144	0.86	0.60	0.19	0.56	0.74		
Fall 2010	207	0.88	0.52	0.28	0.67			
Fall 2011	170	0.91	0.42	0.42				
Fall 2012	127	0.94						
Mean	141.5	0.86	0.46	0.31	0.58	0.68	0.70	0.73
Frequencies								
Fall 2005	130	105	34	63	87	95	98	100
Fall 2006	100	82	42	30	57	70	70	71
Fall 2007	116	95	47	38	59	74	79	82
Fall 2008	138	113	80	22	70	84	91	
Fall 2009	144	124	87	28	81	106		
Fall 2010	207	182	108	58	139			
Fall 2011	170	155	72	71				
Fall 2012	127	119						
Sum	1132	975	470	310	493	429	338	253