



Fall 2016 to Fall 2017 Full-Time First-Year Retention

These data supplement the information included in the Retention Tables posted online at <https://www.uccs.edu/ir/data/outcomes.html>.

The table shows the Pearson value indicating the **strength** of the correlation to retention. The maximum value of 1 is a perfect correlation whereas a value of 0 indicates no correlation; values less than .3 are considered weak correlations. The positive and negative signs indicate the **direction** of the correlation. Positive values indicate a positive impact on retention. Negative values indicate a negative impact. For example, as DFIW grades “go up” the chance of being retained “goes down.” The asterisks represent the **significance** of the correlation.

Correlations to Retention

		Retained YN
Retained YN	Pearson Correlation	1
	Sig. (2-tailed)	
	N	1961
CUR GPA PTS	Pearson Correlation	.483**
	Sig. (2-tailed)	0.000
	N	1961
Math GPA (Fall 2016)	Pearson Correlation	.360**
	Sig. (2-tailed)	0.000
	N	874
Chemistry GPA (Fall 2016)	Pearson Correlation	.446**
	Sig. (2-tailed)	0.000
	N	608
STEM GPA	Pearson Correlation	.419**
	Sig. (2-tailed)	0.000
	N	1373
English Stretch Grade Points 1300/1305	Pearson Correlation	.398**
	Sig. (2-tailed)	0.000
	N	324
Fall Main Course DFIWs	Pearson Correlation	-.464**
	Sig. (2-tailed)	0.000
	N	1961
Probation Service Indicator (Fall)	Pearson Correlation	-.435**
	Sig. (2-tailed)	0.000
	N	1961
Honors Student Group (Fall)	Pearson Correlation	.122**

	Sig. (2-tailed)	0.000
	N	1961
Last Math Placement Score	Pearson Correlation	.063*
	Sig. (2-tailed)	0.036
	N	1127
High School GpA	Pearson Correlation	.242**
	Sig. (2-tailed)	0.000
	N	1912
Index	Pearson Correlation	.215**
	Sig. (2-tailed)	0.000
	N	1830
ACT Composite	Pearson Correlation	.152**
	Sig. (2-tailed)	0.000
	N	1807
ACT English	Pearson Correlation	.145**
	Sig. (2-tailed)	0.000
	N	1807
ACT Math	Pearson Correlation	.173**
	Sig. (2-tailed)	0.000
	N	1807
SAT Verbal	Pearson Correlation	0.103
	Sig. (2-tailed)	0.063
	N	327
SAT Math	Pearson Correlation	.156**
	Sig. (2-tailed)	0.005
	N	327
SAT (Math+Verbal)	Pearson Correlation	.143**
	Sig. (2-tailed)	0.009
	N	327
ACT_EW	Pearson Correlation	0.042
	Sig. (2-tailed)	0.066
	N	1961
ACT_READ	Pearson Correlation	.097**
	Sig. (2-tailed)	0.000
	N	1961
ACT_SCIRE	Pearson Correlation	.106**
	Sig. (2-tailed)	0.000
	N	1961

ACT_WR	Pearson Correlation	0.041
	Sig. (2-tailed)	0.073
	N	1961
Hybrid	Pearson Correlation	0.019
	Sig. (2-tailed)	0.401
	N	1961
Online Hrs	Pearson Correlation	-0.024
	Sig. (2-tailed)	0.294
	N	1961
Online %	Pearson Correlation	-0.031
	Sig. (2-tailed)	0.171
	N	1961
Summer Bridge Program (2016)	Pearson Correlation	-.065**
	Sig. (2-tailed)	0.004
	N	1961
MOSAIC Gateway Program	Pearson Correlation	-.045*
	Sig. (2-tailed)	0.047
	N	1961
Excel Center Visitor Y/N	Pearson Correlation	.128**
	Sig. (2-tailed)	0.000
	N	1961
Excel Language Center, Fall Visits	Pearson Correlation	0.034
	Sig. (2-tailed)	0.128
	N	1961
Excel Comm Center, Fall Visits	Pearson Correlation	0.020
	Sig. (2-tailed)	0.365
	N	1961
Excel Writing Center, Fall Visits	Pearson Correlation	.068**
	Sig. (2-tailed)	0.003
	N	1961
Excel Math Center, Fall Visits	Pearson Correlation	0.038
	Sig. (2-tailed)	0.091
	N	1961
Excel Science Center, Fall Visits	Pearson Correlation	.072**
	Sig. (2-tailed)	0.001
	N	1961
Academic Advising Visits (Brett's Cohort)	Pearson Correlation	.159**
	Sig. (2-tailed)	0.000
	N	1936

Housing Exemption	Pearson Correlation	0.035
	Sig. (2-tailed)	0.125
	N	1961
Housing Interactions	Pearson Correlation	0.040
	Sig. (2-tailed)	0.182
	N	1136
Housing Basecamp Meetings	Pearson Correlation	.084**
	Sig. (2-tailed)	0.005
	N	1135
Housing Switchback Meetings	Pearson Correlation	0.046
	Sig. (2-tailed)	0.125
	N	1135
Health Center Fee	Pearson Correlation	-0.009
	Sig. (2-tailed)	0.693
	N	1961
Rec Center Visits in Fall	Pearson Correlation	.081**
	Sig. (2-tailed)	0.000
	N	1961
Career Center Participation	Pearson Correlation	.052*
	Sig. (2-tailed)	0.022
	N	1961
Any club	Pearson Correlation	.096**
	Sig. (2-tailed)	0.000
	N	1961
Student Club	Pearson Correlation	.096**
	Sig. (2-tailed)	0.000
	N	1961
Multicultural Club	Pearson Correlation	0.030
	Sig. (2-tailed)	0.190
	N	1961
Academic Club	Pearson Correlation	.061**
	Sig. (2-tailed)	0.007
	N	1961
Greek Roster	Pearson Correlation	0.028
	Sig. (2-tailed)	0.215
	N	1961
Fall Leadership Conference	Pearson Correlation	0.038
	Sig. (2-tailed)	0.088
	N	1961

UCCS Lead Participation	Pearson Correlation	0.024
	Sig. (2-tailed)	0.291
	N	1961
Student Government	Pearson Correlation	0.023
	Sig. (2-tailed)	0.313
	N	1961
Chancellor's Leadership Class	Pearson Correlation	0.036
	Sig. (2-tailed)	0.110
	N	1961
Chancellor Scholarship	Pearson Correlation	.189**
	Sig. (2-tailed)	0.000
	N	1961
Age (rounded)	Pearson Correlation	-0.006
	Sig. (2-tailed)	0.797
	N	1961
Has kids (ISIR)	Pearson Correlation	. ^c
	Sig. (2-tailed)	
	N	14
FirstGen Y/N	Pearson Correlation	-.085**
	Sig. (2-tailed)	0.000
	N	1961
TA Tuition Recipient Estimate (Fall 2016)	Pearson Correlation	0.002
	Sig. (2-tailed)	0.933
	N	1961
Military Affiliation Y/N	Pearson Correlation	0.000
	Sig. (2-tailed)	0.997
	N	1961
Disability Registration	Pearson Correlation	0.014
	Sig. (2-tailed)	0.529
	N	1961
Male	Pearson Correlation	-0.025
	Sig. (2-tailed)	0.261
	N	1961
Hispanic	Pearson Correlation	-.079**
	Sig. (2-tailed)	0.000
	N	1961
AmerIndian	Pearson Correlation	-.048*
	Sig. (2-tailed)	0.032
	N	1961

Asian	Pearson Correlation	0.044
	Sig. (2-tailed)	0.053
	N	1961
Black	Pearson Correlation	-.049*
	Sig. (2-tailed)	0.030
	N	1961
Pacific	Pearson Correlation	0.011
	Sig. (2-tailed)	0.635
	N	1961
White	Pearson Correlation	0.029
	Sig. (2-tailed)	0.195
	N	1961
Fin Aid Family Contribution	Pearson Correlation	0.033
	Sig. (2-tailed)	0.150
	N	1848
Need (budget - EFC)	Pearson Correlation	-.112**
	Sig. (2-tailed)	0.000
	N	1961
Unmet Need (need - aid)	Pearson Correlation	-.150**
	Sig. (2-tailed)	0.000
	N	1961
Total Aid / Budget	Pearson Correlation	0.048
	Sig. (2-tailed)	0.062
	N	1493
Total Loans	Pearson Correlation	-0.015
	Sig. (2-tailed)	0.501
	N	1961
Total Grants	Pearson Correlation	-0.001
	Sig. (2-tailed)	0.952
	N	1961
Total Scholarship	Pearson Correlation	.155**
	Sig. (2-tailed)	0.000
	N	1961
Total Workstudy	Pearson Correlation	0.036
	Sig. (2-tailed)	0.113
	N	1961
Sections Taught by TTT	Pearson Correlation	.066**
	Sig. (2-tailed)	0.003
	N	1961

** . Correlation is significant at the 0.01 level (2-tailed).

* . Correlation is significant at the 0.05 level (2-tailed).

c. Cannot be computed because at least one of the variables is constant.