

Appendix E. Correlations Tables

Correlations Among Six-Year Upward Transfer Outcome and State Policy Variables (N=5010)
 [* = Correlation is significant at the 0.05 level (2-tailed). ** = Correlation is significant at the 0.01 level (2-tailed).]

		2-4 Transfer	Transfer Data Reporting	State Transfer Incentives	State Transfer Guide	Transferable General Education Curr.	AA Satisfies General Education Req.	Common Course Numbering	Developmental Education Composite	State Cooperative Agreements	State Transfer Policy
2-4 Transfer	Pearson Correlation	1	.033	-.005	-.039	-.056	-.059	-.017	-.062	.011	-.037
	Sig.		.021	.712	.006	.000	.000	.226	.000	.439	.009
Transfer Data Reporting	Pearson Correlation	.033	1	.118*	-.032	.306**	-.007	.197**	.136**	.093*	.019
	Sig.	.021		.000	.022	.000	.640	.000	.000	.000	.179
State Transfer Incentives	Pearson Correlation	-.005	.118**	1	.223**	-.051**	.067**	-.294**	-.126**	.174**	.005
	Sig.	.712	.000		.000	.000	.000	.000	.000	.000	.710
State Transfer Guide	Pearson Correlation	-.039**	-.032	.223**	1	.326**	-.078**	-.180**	.099*	-.250**	-.061**
	Sig.	.006	.022	.000		.000	.000	.000	.000	.000	.000
Transferable General Education Curr.	Pearson Correlation	-.056**	.306**	-.051**	.326**	1	.090*	.258**	.330**	.015	.317**
	Sig.	.000	.000	.000	.000		.000	.000	.000	.282	.000
AA Satisfies General Education Req.	Pearson Correlation	-.059**	-.007	.067**	-.078**	.090**	1	.516**	.276**	.080**	.126**
	Sig.	.000	.640	.000	.000	.000		.000	.000	.000	.000
Common Course Numbering	Pearson Correlation	-.017	.197**	-.294**	-.180**	.258**	.516**	1	.671**	.247**	.203**
	Sig.	.226	.000	.000	.000	.000	.000		.000	.000	.000
Developmental Education Composite	Pearson Correlation	-.062**	.136**	-.126**	.099**	.330**	.276**	.671**	1	.260**	.018
	Sig.	.000	.000	.000	.000	.000	.000	.000		.000	.204
State Cooperative Agreements	Pearson Correlation	.011	.093**	.174**	-.250**	.015	.080**	.247**	.260**	1	.048**
	Sig.	.439	.000	.000	.000	.282	.000	.000	.000		.001
State Transfer Policy	Pearson Correlation	-.037**	.019	.005	-.061**	.317**	.126**	.203**	.018	.048**	1
	Sig.	.009	.179	.710	.000	.000	.000	.000	.204	.001	

Correlations Among Six-Year Upward Transfer Outcome and Variables of Primary Community College Attended (N=5010)
 [* = Correlation is significant at the 0.05 level (2-tailed). ** = Correlation is significant at the 0.01 level (2-tailed).]

		2-4 Transfer	Hispanic Serving College	Historically Black College	County Unemployment Average	Average Enrollment (thousands)	Percent Full Time Students	Faculty-Student Ratio	Transfer-Out Rate in 2005 (IPEDS)	Distance to Nearest Public Four Year (tens of miles)	Distance to Nearest Non or Less Selective Public Four Year (tens of miles)	Per student expenditures on instruction (std)	Per student expenditures on student services (std)
2-4 Transfer	Pearson Correlation Sig. (2-tailed)	1	-.005	.018	-.033*	.028*	.111**	.104**	.117**	.022	-.005	-.039**	-.022
			.718	.204	.019	.048	.000	.000	.000	.116	.726	.006	.119
Hispanic Serving College	Pearson Correlation Sig. (2-tailed)	-.005	1	.010	.195**	.409**	-.203**	.258**	.074*	-.160**	-.126**	-.107**	-.074*
		.718		.474	.000	.000	.000	.000	.000	.000	.000	.000	.000
Historically Black College	Pearson Correlation Sig. (2-tailed)	.018	.010	1	-.081**	-.090**	.087**	-.048**	.023	-.040**	-.057**	.039**	.074*
		.204	.474		.000	.000	.000	.001	.110	.004	.000	.006	.000
County Unemployment Average	Pearson Correlation Sig. (2-tailed)	-.033*	.195**	-.081**	1	-.019	.018	-.031*	-.039**	.026	-.155**	.043**	.080**
		.019	.000	.000		.172	.196	.028	.005	.063	.000	.002	.000
Average Enrollment (thousands)	Pearson Correlation Sig. (2-tailed)	.028*	.409**	-.090**	-.019	1	-.292**	.354**	.238**	-.371**	-.061**	-.212**	-.170**
		.048	.000	.000	.172		.000	.000	.000	.000	.000	.000	.000
Percent Full Time Students	Pearson Correlation Sig. (2-tailed)	.111**	-.203**	.087**	.018	-.292**	1	-.011	.034	.028	.041**	.102**	.120**
		.000	.000	.000	.196	.000		.442	.015	.044	.004	.000	.000
Faculty-Student Ratio	Pearson Correlation Sig. (2-tailed)	.104**	.258**	-.048**	-.031*	.354**	-.011	1	.339**	-.192**	.068**	-.367**	-.225**
		.000	.000	.001	.028	.000	.442		.000	.000	.000	.000	.000
Transfer-Out Rate in 2005 (IPEDS)	Pearson Correlation Sig. (2-tailed)	.117**	.074**	.023	-.039**	.238**	.034*	.339**	1	-.031*	-.046**	-.222**	-.080**
		.000	.000	.110	.005	.000	.015	.000		.027	.001	.000	.000
Distance to Nearest Public Four Year (tens of miles)	Pearson Correlation Sig. (2-tailed)	.022	-.160**	-.040**	.026	-.371**	.028*	-.192**	-.031*	1	.202**	.039**	-.008
		.116	.000	.004	.063	.000	.044	.000	.027		.000	.006	.575
Distance to Nearest Non or Less Selective Public Four Year (tens of miles)	Pearson Correlation Sig. (2-tailed)	-.005	-.126**	-.057**	-.155**	-.061**	.041**	.068**	-.046**	.202**	1	-.020	.091**
		.726	.000	.000	.000	.000	.004	.000	.001	.000		.158	.000
Per student expenditures on instruction (std)	Pearson Correlation Sig. (2-tailed)	-.039**	-.107**	.039**	.043**	-.212**	.102**	-.367**	-.222**	.039**	-.020	1	.670**
		.006	.000	.006	.002	.000	.000	.000	.000	.006	.158		.000
Per student expenditures on student services (std)	Pearson Correlation Sig. (2-tailed)	-.022	-.074**	.074**	.080**	-.170**	.120**	-.225**	-.080**	-.008	.091**	.670**	1
		.119	.000	.000	.000	.000	.000	.000	.000	.575	.000	.000	

Correlations

		Aged 15-19 at Entry	Low-Income and First Generation Yr1	First Generation, Not Low Income in Yr1	Low Income, Not First Generation in Yr1	Planned to Transfer Yr1	Single*No. of Dependents thru 2009	Declared Humanities, STEM, Education Major Yr1	Declared health, vocational, technical major Yr1	Grade Point Average (tenths) Yr1	Took any remedial education Yr1	Talked with academic advisor often or sometimes Yr1	Participated in sports often or sometimes in Yr1	Worked Zero hrs per wk 2003-04 and 2005-06 (avg)	Worked 1-19 hrs per wk 2003-04 and 2005-06 (avg)	Attended primarily full-time 2003-04 and 2005-06	Attended primarily part-time 2003-04 and 2005-06	Primary 2 Yr College was Minority-Serving	Completed 2/4 Transfer within 6yrs.
Aged 15-19 at Entry	Pearson Correlation	1	-.211**	.063**	-.056**	.256**	-.051**	.078**	-.052**	-.188**	.095**	.096**	.108**	-.116**	.149**	.187**	-.203**	-.005	.215**
Low-Income and First Generation Yr1	Pearson Correlation	-.211**	1	-.561**	-.169**	-.085**	.172**	-.011	.075**	-.031	.037**	-.029	-.058**	.080**	-.036	.078**	-.060**	.090**	-.090**
First Generation, Not Low Income in Yr1	Pearson Correlation	.063**	-.561**	1	-.231**	-.034	-.110**	-.021	-.021	.045**	-.014	-.014	-.021	-.033	-.030	-.119**	.115**	-.043**	-.053**
Low Income, Not First Generation in Yr1	Pearson Correlation	-.056**	-.169**	-.231**	1	.018	.023	.005	-.006	-.011	-.003	.021	.010	.012	-.001	.017	-.027	.011	.011
Planned to Transfer Yr1	Pearson Correlation	.256**	-.085**	-.034	.018	1	-.038**	.095**	-.122**	-.046**	.070**	.109**	.064**	-.083**	.057**	.109**	-.127**	.036**	.277**
Single*No. of Dependents thru 2009	Pearson Correlation	-.051**	.172**	-.110**	.023	-.038**	1	-.021	.068**	-.070**	.019	-.019	.008	-.009	.004	.046**	-.050**	.011	-.067**
Declared Humanities, STEM, Education Major Yr1	Pearson Correlation	.078**	-.011	-.021	.005	.095**	-.021	1	-.369**	-.018	.015	.031**	.021	-.028	.023	.060**	-.047**	.008	.108**
Declared health, vocational, technical major Yr1	Pearson Correlation	-.052**	.075**	-.021	-.006	-.122**	.068**	-.369**	1	.009	.023	-.012	-.026	.009	-.009	.031**	-.049**	-.020	-.104**
Grade Point Average (tenths) Yr1	Pearson Correlation	-.188**	-.031	.045**	-.011	-.046**	-.070**	-.018	.009	1	-.053**	.027	-.063**	.038**	-.047**	-.040**	.068**	-.027	.107**
Took any remedial education Yr1	Pearson Correlation	.095**	.037**	-.014	-.003	.070**	.019	.015	.023	-.053**	1	.061**	.022	.008	-.028	.039**	-.057**	.044**	-.032**
Talked with academic advisor often or sometimes Yr1	Pearson Correlation	.096**	-.029	-.014	.021	.109**	-.019	.031**	-.012	.027	.061**	1	.085**	.005	.020	.146**	-.143**	-.074**	.118**

Participated in sports often or sometimes in Yr1	Pearson Correlation	.108*	-.058*	-.021	.010	.064**	.008	.021	-.026	-.063*	.022	.085**	1	.029*	.035*	.096**	-.092*	.002	.097**	
Worked Zero hrs per wk 2003-04 and 2005-06 (avg)	Pearson Correlation	-.116**	.080**	-.033*	.012	-.083**	-.009	-.028*	.009	.038**	.008	.005	.029*	1	-.277**	.034*	-.031*	.020	-.046**	
Worked 1-19 hrs per wk 2003-04 and 2005-06 (avg)	Pearson Correlation	.149**	-.036*	-.030*	-.001	.057**	.004	.023	-.009	-.047**	-.028*	.020	.035*	-.277**	1	.124**	-.118**	.002	.129**	
Attended primarily full-time 2003-04 and 2005-06	Pearson Correlation	.187**	.078**	-.119**	.017	.109**	.046**	.060**	.031*	-.040**	.039**	.146**	.096**	.034*	.124**	1	-.815**	-.042**	.250**	
Attended primarily part-time 2003-04 and 2005-06	Pearson Correlation	-.203**	-.060**	.115**	-.027	-.127**	-.050**	-.047**	-.049**	.068**	-.057**	-.143**	-.092**	-.031*	-.118**	-.815**	1	.036*	-.238**	
Primary 2 Yr College was Minority-Serving	Pearson Correlation	-.005	.090**	-.043**	.011	.036*	.011	.008	-.020	-.027	.044**	-.074**	.002	.020	.002	-.042**	.036*	1	.001	
Completed 2/4 Transfer within 6yrs.	Pearson Correlation	.215**	-.090**	-.053**	.011	.277**	-.067**	.108**	-.104**	.107**	-.032*	.118**	.097**	-.046**	.129**	.250**	-.238**	.001	1	
	N (rounded to nearest ten)	5010	5010	5010	5010	5010	5010	5010	5010	5010	5010	5010	5010	5010	5010	5010	5010	5010	5010	5010

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

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

Note: All factors except attended minority-serving institution and being low-income, first generation are significantly correlated with the 2/4 six-year transfer outcome, but none greater than 0.3 correlation.

Appendix F.

State Transfer and Articulation Policy Components in Place by 2005-2006 (Mid-Year of BPS 2003-2009 Cohort) according to Education Commission of the States (2010) Data													
State Name	Total Number of State Articulation & Transfer Policy Components (7 Possible Total)	Statewide Articulation and Transfer Policy (Legislation or Executive Order)	State Transfer-Oriented Cooperative Agreements	State Transfer Data Reporting	State Transfer Incentives	State Transfer Guide	State Adopted General Education Curr.	Common Course Numbering	Developmental Ed. Placement Policy, Common Cut Score, Common Test Composite (3 Possible Total)*	Developmental Education Placement Policy	Common Placement Test for Dev. Ed.	Common Cut Score for Dev. Ed.	State Name
Alabama	6	Yes	Yes	Yes	Yes	Yes	Yes	No	0	No	No	No	Alabama
Alaska	4	No	Yes	No	Yes	Yes	No	Yes	0	No	No	No	Alaska
Arizona	4	Yes	Yes	No	Yes	Yes	No	No	0	No	No	No	Arizona
Arkansas	2	Yes	No	Yes	No	No	No	No	3	Yes	Yes	Yes	Arkansas
California	4	Yes	No	Yes	No	Yes	Yes	No	0	No	No	No	California
Colorado	5	Yes	Yes	Yes	No	Yes	Yes	No	3	Yes	Yes	Yes	Colorado
Connecticut	3	Yes	Yes	Yes	No	No	Yes	No	0	No	No	No	Connecticut
Delaware	2	No	Yes	No	No	Yes	No	No	3	Yes	Yes	Yes	Delaware
Florida	6	Yes	Yes	Yes	No	Yes	Yes	Yes	3	Yes	Yes	Yes	Florida
Georgia	5	No	Yes	Yes	Yes	Yes	Yes	No	3	Yes	Yes	Yes	Georgia
Hawaii	3	No	Yes	Yes	No	Yes	No	No	1.5	Yes, CC only	Yes, CC only	Yes, CC only	Hawaii
Idaho	5	No	Yes	Yes	No	Yes	Yes	Yes	3	Yes	Yes	Yes	Idaho
Illinois	6	Yes	Yes	Yes	Yes	Yes	Yes	No	0	No	No	No	Illinois
Indiana	2	Yes	Yes	No	No	No	No	No	0	No	No	No	Indiana
Iowa	4	No	Yes	Yes	Yes	Yes	No	No	0	No	No	No	Iowa
Kansas	3	Yes	Yes	Yes	No	No	No	No	0	No	No	No	Kansas
Kentucky	4	Yes	No	Yes	Yes	Yes	No	No	2	Yes	Yes	No	Kentucky
Louisiana	5	Yes	Yes	Yes	No	Yes	Yes	No	3	Yes	Yes	Yes	Louisiana

State Name	Total Number of State Articulation & Transfer Policy Components (7 Possible Total)	Statewide Articulation and Transfer Policy (Legislation or Executive Order)	State Transfer-Oriented Cooperative Agreements	State Transfer Data Reporting	State Transfer Incentives	State Transfer Guide	State Adopted General Education Curr.	Common Course Numbering	Developmental Ed. Placement Policy, Common Cut Score, Common Test Composite (3 Possible Total)*	Developmental Education Placement Policy	Common Placement Test for Dev. Ed.	Common Cut Score for Dev. Ed.	State Name
Maine	0	No	No	No	No	No	No	No	0	No	No	No	Maine
Maryland	6	Yes	Yes	Yes	Yes	Yes	Yes	No	0	No	No	No	Maryland
Massachusetts	4	Yes	Yes	Yes	Yes	No	No	No	3	Yes	Yes	Yes	Massachusetts
Michigan	1	Yes	No	No	No	No	No	No	0	No	No	No	Michigan
Minnesota	5	Yes	Yes	Yes	No	Yes	Yes	No	2	Yes	Yes	No	Minnesota
Mississippi	3	No	Yes	Yes	No	No	No	Yes	3	Yes	Yes	Yes	Mississippi
Missouri	3	No	Yes	Yes	No	No	Yes	No	0	No	No	No	Missouri
Montana	0	No	No	No	No	No	No	No	0	No	No	No	Montana
Nebraska	4	Yes	Yes	No	No	Yes	Yes	No	0	No	No	No	Nebraska
Nevada	0	No	No	No	No	No	No	No	1	Yes	No	No	Nevada
New Hampshire	2	Yes	Yes	No	No	No	No	No	0	No	No	No	New Hampshire
New Jersey	2	No	No	Yes	No	Yes	No	No	0	No	No	No	New Jersey
New Mexico	3	No	Yes	No	No	Yes	Yes	No	0	No	No	No	New Mexico
New York	2	No	Yes	Yes	No	No	No	No	0	No	No	No	New York
North Carolina	6	Yes	Yes	Yes	Yes	Yes	Yes	No	0.5	Yes, CC only	No	No	North Carolina
North Dakota	5	No	Yes	No	Yes	Yes	Yes	Yes	0	No	No	No	North Dakota
Ohio	4	Yes	Yes	Yes	Yes	No	No	No	0	No	No	No	Ohio
Oklahoma	6	Yes	Yes	Yes	Yes	Yes	Yes	No	1	Yes	No	No	Oklahoma
Oregon	4	Yes	Yes	Yes	No	No	Yes	No	0	No	No	No	Oregon

State Name	Total Number of State Articulation & Transfer Policy Components (7 Possible Total)	Statewide Articulation and Transfer Policy (Legislation or Executive Order)	State Transfer-Oriented Cooperative Agreements	State Transfer Data Reporting	State Transfer Incentives	State Transfer Guide	State Adopted General Education Curr.	Common Course Numbering	Developmental Ed. Placement Policy, Common Cut Score, Common Test Composite (3 Possible Total)*	Developmental Education Placement Policy	Common Placement Test for Dev. Ed.	Common Cut Score for Dev. Ed.	State Name
Pennsylvania	4	Yes	Yes	Yes	No	Yes	No	No	0	No	No	No	Pennsylvania
Rhode Island	4	Yes	Yes	Yes	No	Yes	No	No	0	No	No	No	Rhode Island
South Carolina	4	Yes	No	Yes	Yes	Yes	No	No	0	No	No	No	South Carolina
South Dakota	5	Yes	Yes	No	Yes	No	Yes	Yes	3	Yes	Yes	Yes	South Dakota
Tennessee	3	Yes	Yes	Yes	No	No	No	No	0	No	No	No	Tennessee
Texas	5	Yes	Yes	Yes	No	No	Yes	Yes	3	Yes	Yes	Yes	Texas
Utah	4	Yes	Yes	No	No	Yes	Yes	No	0	No	No	No	Utah
Vermont	2	No	Yes	No	No	No	Yes	No	0	No	No	No	Vermont
Virginia	5	Yes	Yes	Yes	Yes	Yes	No	No	0	No	No	No	Virginia
Washington	5	Yes	Yes	Yes	Yes	No	Yes	No	0.5	Yes, CC only	No	No	Washington
West Virginia	3	Yes	Yes	No	No	Yes	No	No	3	Yes	Yes	Yes	West Virginia
Wisconsin	3	No	No	Yes	No	Yes	Yes	No	1	No	No	No	Wisconsin
Wyoming	6	Yes	Yes	Yes	Yes	Yes	No	Yes	0	No	No	No	Wyoming
Total		33	40	33	18	26	23	8		17	14	12	

Note: Data on Developmental Education Placement Policies comes from:
 Ewell, P. Boeke, M. & Zis, S. (2008, May). *State policies on student transitions: Results of a fifty-state inventory*. Boulder, CO: National Center for Higher Education Management Systems (NCHEMS). Retrieved 10/5/11 from: <http://inpathways.net/TransitionsSurveyReport.pdf>

Data on State Articulation and Transfer Policy Components comes from:
 Education Commission of the States. (2001). *StateNotes: Articulation and transfer policies*. Denver, CO: Author. Online: <http://www.ecs.org/clearinghouse/23/75/2375.htm>
 Education Commission of the States. (2010). *StateNotes: Transfer and articulation policies*. Denver, CO: Author. Online: <http://www.ecs.org/html/Document.asp?chouseid=9070>