

Observations on Retention and Performance by Ethnicity and Gender

Impact by intervention by race (x=5% or better improvement; nr=no participants; na=not applicable)

	#	Improvement in performance			Improvement in retention		
		no remedial	1 or more remedial	Math090	no remedial	1 or more remedial	Math090
Freshman mentoring							
males	60			x			x
females	103						
white	122		x	x		x	
African American	18	x	x				
Latino/a	7		x	nr		x	nr
SE Asian	7	x	x		x	x	
Asian	5		nr	nr		nr	nr
American Indian	1	nr		nr	nr		nr
Supplemental Instruction							
males	35	x	x	x	x	x	x
females	88	x	x	x	x	x	x
white	96	x	x	x	x	x	x
African American	14	x	x	x	x	x	x
Latino/a	1	nr	x	nr	nr	x	nr
SE Asian	5	nr	x		nr	x	
Asian	4	nr	x	nr	nr	x	nr
American Indian	1	nr			nr	x	x
Dorms							
males	979	x	x	x	x	x	x
females	1163	x	x	x	x	x	x
white	1995	x	x	x	x	x	x
African American	47	x	x	x	x	x	x
Latino/a	37	x			x		
SE Asian	8	x	x		x	x	
Asian	21	x		nr	x		nr
American Indian	10	x	x	nr	x	x	nr
Study Skills							
males	258						
females	344			x		x	x
white	434		x	x		x	x
African American	85		x	x		x	x
Latino/a	37	x					
SE Asian	19	nr	x	x	nr	x	x
Asian	13		x			x	
American Indian	10				x		
Freshman Seminar							
males	327	x	x	x	x	x	x
females	657	x	x	x		x	x
white	812	x	x	x	x	x	x

African American	64	x	x	x		x	x	x
Latino/a	28	x	x	x			x	
SE Asian	38		x	x			x	x
Asian	14	x	x	x		x	x	x
American Indian	9	x		x		x	x	x
Intro to Professions								
males	667	x	x				x	
females	480	x	x	x		x	x	x
white	975	x	x	x		x	x	x
African American	54	x						
Latino/a	37	x				x		
SE Asian	28		x	nr			x	nr
Asian	20	x				x		
American Indian	9	x	x			x	x	
AOC vs not AOC								
males	238	na				na		
females	268	na				na		
white	327	na				na		
African American	85	na	x	x		na	x	x
Latino/a	42	na				na		
SE Asian	24	na				na		
Asian	13	na	x			na	x	x
American Indian	10	na				na		
AOC w/ vs w/o Bridge								
males	47	x	x	x			x	
females	60	x	x	x		x	x	x
white	52	x					x	
African American	32	x	x	x		x	x	x
Latino/a	8	x				x	x	
SE Asian	5	nr	x	nr		nr	x	nr
Asian	8		x				x	
American Indian	0	nr	nr	nr		nr	nr	nr

Some (!) observations – not at all conclusive:

Gender: Females demonstrated slightly better performance but same retention. AOC females do better than AOC males.

African American freshmen: African American dorm residents had same performance as white students overall and better retention (85% compared with white overall retention 76%) Also much improved performance and retention for African American students in Supplemental Instruction, the AOC summer bridge, and the freshman seminar. AOC overall is beneficial for African American students with remedial placements.

Latino/a freshmen: The primary issue is the low participation rates in interventions. The impact of dorm residence is much lower than for African American students. AOC participation does not demonstrate a benefit.

South East Asian freshmen: Benefit from study skills and the freshman seminar; no apparent benefit from AOC.

Asian freshmen: Little difference between Asian and white students except at Math090 level, where there are big gaps. AOC demonstrates some benefit.

American Indian freshmen: Hard to draw observations due to small numbers.

Need to be aware that retention often exceeds satisfactory performance percentages, meaning that higher proportions of returning students in such categories and returning under probation.