De Anza College Office of Institutional Research and Planning

To: De Anza AB 705 Committee
From: Mallory Newell, De Anza Researcher
Date: 12/7/2018
Subject: Analysis of Self-Reported Transcript Data for Use with AB705 Default Placement Rules

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Methodology

This analysis includes students who provided high school transcript data AND had a valid transcript in CalPass Plus (actual transcript as submitted by their high school), AND enrolled in EWRT1A, MATH10 or MATH41 in fall 2018.

De Anza College began collecting high school transcript data from applicants through CCCApply in March 2017. Students self-report their unweighted cumulative GPA and highest English course enrolled and grade and highest math course enrolled and grade. The questions are available here.

The AB705 default placement rules for English place directly into EWRT1A if the student has a 2.6 high school GPA or higher and between 2.59 and 1.9 for LART250. Statistics is open enrollment while MATH41 is students with greater than or equal to 3.4 GPA or greater than or equal to 2.6 and enrolled in Calculus in high school.

On average, we did not have transcript data for 47% of the students enrolled in EWRT or Math in fall 2018. Therefore, around half of students in the courses were either placed into the course via a placement test or went through the basic skills sequence (or challenge process). Further, even though we might have a high school GPA on file for a student, that may not be the way they were cleared for the course, they may have also been eligible via a placement test or through the basic skills sequence.

Table 1. Summary of Self-Reported Transcript Data and Actual Transcripts by GPA Ranges

Course	N	Actual Transcript Average	Self-Reported Transcript Average	Difference by Range	Average GPA of Enrolled Students
EWRT1A	1,930	2.457	2.418	-0.039	2.965
MATH10	1,780	2.463	2.356	-0.107	2.842
MATH41	776	2.740	2.718	-0.023	2.987

- For the average by GPA ranges, self-reported GPA was very consistent with actual GPA, and slightly under-reported overall.
- When looking at the overall average of all GPAs by range of 0.50, the difference was -0.039 for students enrolled in EWRT1A, -0.107 for MATH10 and -0.023 for MATH41.
- Of all students enrolled in the courses, the average GPA for EWRT1A was 2.965, MATH10 was 2.842 and MATH41 was 2.987.

Table 2. Self-Reported Transcript Data and Actual Transcripts by GPA Ranges - EWRT1A/LART250

HS GPA Range	N	Actual Transcript Average	Self-Reported Transcript Average	Difference
0.00-1.49	50	1.024	0.923	-0.101
1.50-1.99	75	1.777	1.774	-0.003
2.00-2.49	161	2.259	2.195	-0.064
2.50-2.99	304	2.751	2.751	0.000
3.00-3.49	295	3.236	3.176	-0.060
3.50-4.00	179	3.692	3.688	-0.004
No GPA	866			
Average Total	1,930	2.457	2.418	-0.039

LART250 included 128 enrollments in fall 2018.

Actual vs. Self-Reported GPA by GPA Group - EWRT1A
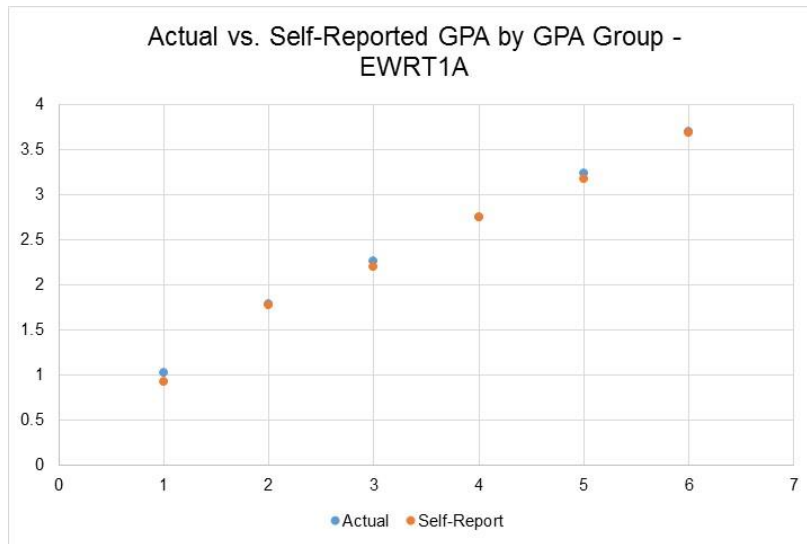
- When looking at the actual GPAs and self-reported GPAs for students enrolled in EWRT1A or LART250 in fall 2018, the self-reported GPAs were underreported slightly.
- There was no GPA on file for 866 of the 1,930 students enrolled in EWRT1A which means that 45% of enrolled students were either placed into the course via a placement test or went through the basic skills sequence, or through a challenge process.

Table 3. Self-Reported Transcript Data and Actual Transcripts by GPA Ranges - MATH10

HS GPA Range	N	Actual Transcript Average	Self-Reported Transcript Average	Difference
0.00-1.49	42	1.055	0.668	-0.387
1.50-1.99	92	1.774	1.733	-0.041
2.00-2.49	192	2.271	2.179	-0.092
2.50-2.99	258	2.750	2.715	-0.035
3.00-3.49	214	3.219	3.169	-0.050
3.50-4.00	92	3.707	3.672	-0.035
No GPA	890			
Average Total	1,780	2.463	2.356	-0.107

Actual vs. Self-Reported GPA by GPA Group - MATH10
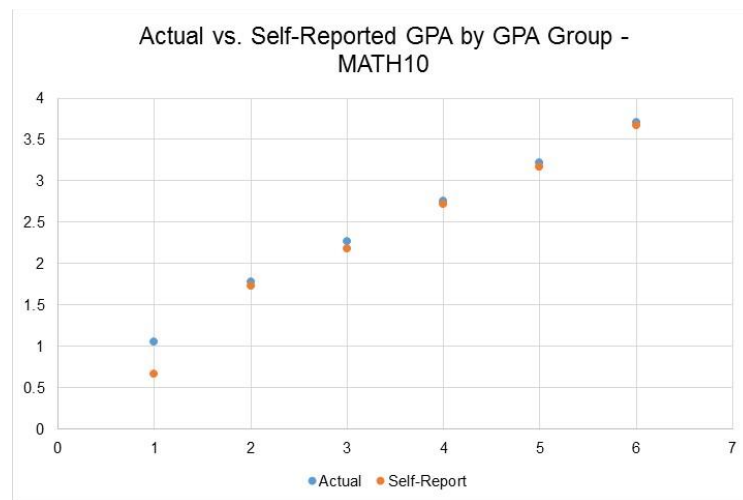
- When looking at the actual GPAs and self-reported GPAs for students enrolled in MATH10 in fall 2018, the self-reported GPAs were underreported overall by -0.107. The lowest range, 0.00-1.49, had the largest difference of -0.387.
- There was no GPA on file for 890 of the 1,780 students enrolled in MATH10, however, MATH10 was open access in fall 2018 so a GPA was not needed for placement.

Table 4. Self-Reported Transcript Data and Actual Transcripts by GPA Ranges - MATH41

HS GPA Range	N	Actual Transcript Average	Self-Reported Transcript Average	Difference
0.00-1.49	18	0.925	--	
1.50-1.99	33	1.773	1.813	0.040
2.00-2.49	60	2.248	2.175	-0.073
2.50-2.99	114	2.743	2.728	-0.015
3.00-3.49	118	3.258	3.213	-0.045
3.50-4.00	68	3.680	3.660	-0.020
No GPA	365			
Average by Range	776	2.740	2.718	-0.023

Actual vs. Self-Reported GPA by GPA Group - MATH41
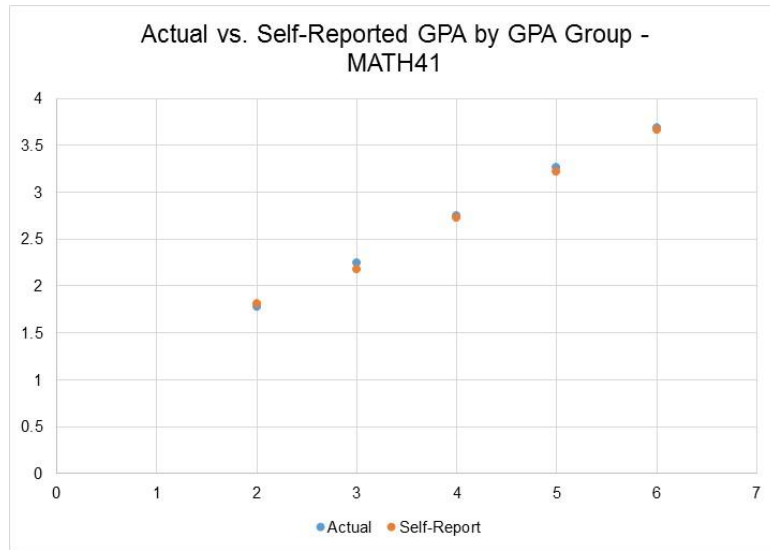
- When looking at the actual GPAs and self-reported GPAs for students enrolled in MATH41 in fall 2018, the self-reported GPAs were underreported slightly.
- There was no GPA on file for 365 of the 776 students enrolled in MATH41 which means that 47% of enrolled students were either placed into the course via a placement test or went through the basic skills sequence, or through a challenge process.