De Anza College Office of Institutional Research and Planning

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Subject: Comparison of EWRT Success Rates by Course Support Type

Purpose

This analysis is provided as an update on the success and completion of EWRT1A (Standalone), EWRT1A + LART250 (Bundle) and EWRT1AS to EWRT1AT (Stretch) courses. The 2019-20 academic year completed the first year of the two-year pilot process allowed under the law. **EWRT1A completion rates** are calculated based on students who started in fall 2019 and tracked through winter, spring and summer. Under AB 705, students are given one academic year to complete the transfer level or degree applicable course and the clock starts at first enrollment in the sequence. This analysis tracks students who have <u>no prior EWRT enrollment</u> and tracks their initial course enrollment through the transfer level course.

It should be noted that **online spring has impacted outcomes for students** in that students largely took an excused withdrawal rather than a standard withdrawal for spring 2020. For this reason, the EW grades were included in this analysis to ensure consistency across terms in regards to withdraws and how they are calculated within the success rate. A full analysis of EW grades and their impact on success rates in spring 2020 is available here.

AB 705 Context

AB 705 (Irwin), Title 5, § 55003 and 55522 requires California Community Colleges' placement methods to be designed to maximize the probability that students will enter and complete transfer-level coursework in English and mathematics (or quantitative reasoning) within one year. **Colleges are required to evaluate the following scenarios:** 1. Students enroll in a pre-transfer level course with an educational goal of transfer; or 2. Students with a transfer or degree goal enroll in a multi-term sequence in which they take either (a.) a pre-transfer-level course in one term and a transfer-level course in a following term or (b.) a transfer-level course stretched over two terms (e.g. stretch curriculum).

Summary of Findings:

- Completion rates for students in EWRT1A are:
  - 86% for EWRT1A Standalone
  - 76% for EWRT1A + LART250 (Bundle)
  - 56% for EWRT1AS to EWRT1AT (Stretch)
    - If the Stretch course is associated with a learning community the completion rate increases to 63%.

- Overall success rate of the stretch course are rather high, outperforming the Standalone course in winter and spring, but it is getting students to enroll in the next course and pass the next course that causes the lower completion rate than course success rate.

Chart 1. EWRT1A Completion Rates by Course Type and Starting Level
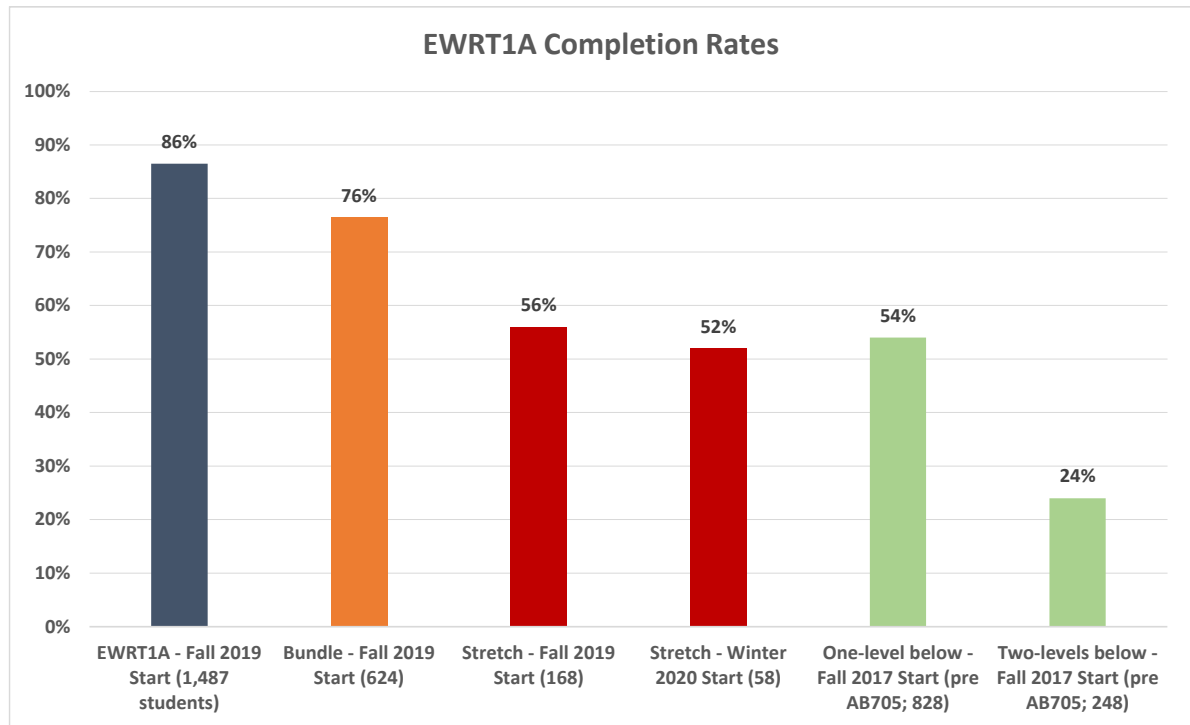

EWRT1A Completion Rates

Chart 1 displays the completion rate for EWRT1A based on the course type and the course level for students whose first course was at the level/course in which enrolled.

- 86% of students who started in EWRT1A in fall 2019 (1,487 total students) successfully completed the course in one year.
- 76% of students who started in the Bundle in fall 2019 (624 students) successfully completed the course in one year.
- 56% of students who started in EWRT1AS in fall 2019 (168 students) successfully completed EWRT1AT in one year. Students who started in winter 2020 had a completion rate of 52%.
- Comparing these rates to historical completion rates for students who started one and two-levels below transfer:
    - Students starting in EWRT, LART or READ 211 had an EWRT1A completion rate of 54% in one year.
    - Students starting in EWRT, LART or READ 200 had an EWRT1A completion rate of 24% in one year.

Table 1. EWRT1A Completion Rates

	Fall 2019			Winter 2020			Two-term Throughput Rate	Spring 2020			Three-term Throughput Rate	Summer 2020			Four-term Throughput Rate
	Fall 2019 enrolled	Fall 2019 Passed	Fall 2019 Success Rate	Winter 2020 Re-enrolled	Winter 2020 Passed	Winter 2020 Success Rate		Spring 2020 Re-enrolled	Spring 2020 Passed	Spring 2020 Success Rate		Summer 2020 Re-enrolled	Summer 2020 Passed	Summer 2020 Success Rate	
Standalone	1,487	1,247	84%	51	23	45%	85%	44	11	25%	86%	12	5	42%	86%
Bundle	624	452	72%	31	15	48%	75%	24	9	38%	76%	3	1	33%	76%
Stretch (Fall start)	168	124	72%	110	89	81%	53%	6	5	83%	56%				56%
Stretch (Winter start)				58	46	79%		39	30	77%	52%				52%

Note: Students with no prior EWRT or LART enrollments. Students starting in the Standalone or Bundle course are tracked to completion of either EWRT1A course. Students who started in EWRT1AS are tracked to completion of EWRT1AT.

Table 1 displays the two, three, and four-term completion rates for EWRT1A (Standalone), EWRT1A + LART250 (Bundle) and EWRT1AS + EWRT1AT (Stretch) courses for students with no prior EWRT enrollment. **Students who enrolled in fall 2019 are tracked to successful completion (A, B, C, P) of the course by summer 2020.** Students who started in EWRT1AS in fall 2019 were tracked to completion of EWRT1AT in spring 2020, over three terms, while students who started in winter 2020 were tracked to spring 2020, over two terms. No EWRT1T sections were offered in summer 2020.

- Students who started in the Standalone course in fall 2019 and passed the course by summer 2020 resulted in a four-term completion rate of 86%.
- Students who started in the Bundle course in fall 2019 and passed either the Standalone or Bundle course by summer 2020 resulted in a four-term completion rate of 76%.
- Students who started in EWRT1AS in fall 2019 and passed EWRT1AT by summer 2020 resulted in a four-term completion rate of 56%.
- Students who started in EWRT1AS in winter 2020 and passed EWRT1AT by spring 2020 resulted in a two-term completion rate of 52%, these students will continue to be tracked through fall 2020.
- At this time, the Stretch course is not meeting the intended purpose of the law. However, the law permits colleges to pilot innovative curriculum for two years. Students in the Stretch course should be exhibiting completion rates at or above those of students in the standalone or Bundle course. The two-year timeframe can allow for larger sample sizes for comparison over time. If these rates are not met within two years, title 5 states: The Chancellor may order the district to relinquish the district method and adopt a method published by the Chancellor's Office under any of the following circumstances: the district's failure to demonstrate that the local method meets or exceeds the completion rate of a method published by the Chancellor's Office.

Table 2. EWRT1A Completion Rates by High School GPA Band

Cumulative High School GPA	Course Type	Fall 2019 Enrolled	Fall 2019 Passed	Fall 2019 Success Rate	Winter 2020 Re-Enrolled	Winter 2020 Passed	Winter 2020 Success Rate	Two-term Throughput Rate	Spring 2020 Re-Enrolled	Spring 2020 Passed	Spring 2020 Success Rate	Three-term Throughput Rate	Summer 2020 Re-Enrolled	Summer 2020 Passed	Summer 2020 Success Rate	Four-term Throughput Rate
2.6 or above	Standalone	1,242	1,040	84%	43	20	47%	85%	35	8	23%	86%	11	4	36%	86%
	Bundle	309	250	81%	11	7	64%	83%	6	2	33%	84%	2	1	50%	84%
	Stretch (completed 1T)	32	28	88%	25	22	88%	69%	1	1	100%	72%				72%
2.59 - 1.9	Standalone	35	26	74%				74%	3	1	33%	77%				77%
	Bundle	249	146	59%	15	5	33%	61%	17	6	35%	63%	1	0	0%	63%
	Stretch (completed 1T)	53	37	70%	35	26	74%	49%				49%				49%
Less than 1.9	Standalone	4	4	100%				100%				100%				100%
	Bundle	6	5	83%				83%				83%				83%
	Stretch (completed 1T)	41	23	56%	20	14	70%	34%	2	1	50%	37%				37%
No GPA	Standalone	206	177	86%	8	3	38%	87%	6	2	33%	88%	1	1	100%	89%
	Bundle	60	51	85%	5	3	60%	90%	1	1	100%	92%				92%
	Stretch (completed 1T)	42	36	86%	30	27	90%	64%	3	3	100%	71%				71%

Note: Students with no prior EWRT or LART enrollment. Students starting in the Standalone or Bundle course are tracked to completion of either EWRT1A course. Students who started in EWRT1AS are tracked to completion of EWRT1AT. High school GPA data was not available for 18% of students in the Standalone course, 11% of students in the Bundle course and 26% of students in the Stretch course. GPA is obtained from official transcripts first, then supplemented by self-reported if available.

Completion rates by high school cumulative GPA show that students in all GPA groups have the highest completion rate if placed in the Standalone course (with the exception of students in the Bundle course with no GPA).

- Students with the highest GPA have a four-term completion rate in the Standalone course of 86% compared to 84% in the Bundle and 72% in the Stretch course. Noting here that students in the highest GPA band complete the Stretch course at a rate of 12 % points below students in the Standalone course (84% vs 72%). For students in the middle GPA band (2.59-1.9) the four-term completion rate in the Standalone course is 77% compared to 63% in the Bundle and 49% in the Stretch course.
- For students in the lowest GPA band (less than 1.9), the four-term completion rate in the Standalone course is 100% for the 4 students, there were 6 students in the Bundle course within this band with a completion rate of 83%. There were 41 students in the Stretch course in this lowest band with a completion rate of 37%.

Table 3. EWRT Success Rates by Support Type and Term

	Success		Non Success		Withdraw		Total	
Fall 2019	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Standalone	1,451	80%	208	12%	148	8%	1,807	100%
Bundle	485	70%	152	22%	48	7%	685	100%
Stretch	126	72%	30	17%	20	11%	176	100%
Winter 2020								
Standalone	694	73%	111	12%	145	15%	950	100%
Bundle	246	68%	76	21%	40	11%	362	100%
Stretch 1st Quarter	55	75%	11	15%	7	10%	73	100%
Stretch Second Quarter	91	81%	17	15%	4	4%	112	100%
Spring 2020								
Standalone	457	69%	62	9%	147	22%	666	100%
Bundle	144	60%	51	21%	44	18%	239	100%
Stretch Second Quarter	37	76%	1	2%	11	22%	49	100%

Table 3 displays success rates by course support type. As displayed, the overall success rate of the Stretch courses are rather high, outperforming the Standalone course in winter and spring, but it is getting students to enroll in the next course and pass the next course that causes the lower completion rate than course success rate.

Table 4. EWRT1AS to EWRT1AT Completion Rates by Learning Community

	Fall 2019			Winter 2020				Spring 2020			
EWRT1AS to EWRT1AT	Fall 2019 Enrolled	Fall 2019 Passed	Fall 2019 Success Rate	Winter 2020 Enrolled	Winter 2020 Passed	Winter 2020 Success Rate	Two-term Throughput Rate	Spring 2020 Enrolled	Spring 2020 Passed	Spring 2020 Success Rate	Three-term Throughput Rate
Overall	168	124	74%	110	89	81%	53%	6	5	83%	56%
Non Learning Community	88	63	72%	50	42	84%	48%	2	2	100%	50%
Learning Community	80	61	76%	60	47	78%	59%	4	3	75%	63%

Note: Students with no prior EWRT or LART enrollments. Students who started in EWRT1AS are tracked to completion of EWRT1AT. EWRT1T was not offered in summer 2020.

Table 4 displays the two and three-term completion rates for the Stretch course disaggregated by Learning Community sections. Students in the Stretch course that was offered as a Learning Community had the highest completion rate at 63%, suggesting that at least in 2019-20, the Learning Community format has positive outcomes in getting students through the sequence.

Table 5. Success Rates by Learning Community

		Success		Non Success		Withdraw		Total	
Fall 2019		Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Standalone	Non Learning Community	1,451	80%	208	12%	148	8%	1,807	100%
Bundle	Non Learning Community	373	69%	129	24%	38	7%	540	100%
	Learning Community	112	77%	23	16%	10	7%	145	100%
Stretch 1st Term	Non Learning Community	65	68%	17	18%	13	14%	95	100%
	Learning Community	61	75%	13	16%	7	9%	81	100%
Winter 2020									
Standalone	Non Learning Community	669	73%	107	12%	138	15%	914	100%
	Learning Community	25	69%	4	11%	7	19%	36	100%
Bundle	Non Learning Community	246	68%	76	21%	40	11%	362	100%
Stretch 1st Term	Non Learning Community	28	93%	1	3%	1	3%	30	100%
	Learning Community	27	63%	10	23%	6	14%	43	100%
Stretch 2st Term	Non Learning Community	44	86%	6	12%	1	2%	51	100%
	Learning Community	47	77%	11	18%	3	5%	61	100%
Spring 2020									
Standalone	Non Learning Community	457	69%	62	9%	147	22%	666	100%
Bundle	Non Learning Community	144	60%	51	21%	44	18%	239	100%
Stretch 2nd Term	Non Learning Community	16	80%	0		4	20%	20	100%
	Learning Community	21	72%	1	3%	7	24%	29	100%

Success rates for Learning Communities in Fall 2019 had higher success rate than non-learning communities, however, this was not the case in winter and spring.

Table 6. EWRT Enrollment by Race/Ethnicity

	Overall Population		Standalone		Bundle		Stretch	
Fall 2019	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	712	4%	64	4%	33	5%	16	9%
Asian	7,746	44%	838	46%	197	29%	56	32%
Filipinx	1,257	6%	140	8%	54	8%	9	5%
Latinx	5,174	27%	473	26%	296	43%	74	42%
Native American	59	0%	6	0%	3	0%	1	1%
Pacific Islander	156	1%	16	1%	10	1%	1	1%
White	3,387	16%	237	13%	81	12%	16	9%
Decline to State	396	2%	33	2%	11	2%	3	2%
Total	18,887	100%	1807	100%	685	100%	176	100%
Winter 2020								
African American	620	4%	34	4%	19	5%	3	4%
Asian	7,316	45%	381	40%	135	37%	31	42%
Filipinx	1,130	6%	66	7%	28	8%	3	4%
Latinx	4,421	25%	284	30%	123	34%	15	21%
Native American	53	0%	2	0%	2	1%		
Pacific Islander	127	1%	9	1%	3	1%		
White	3,200	16%	146	15%	39	11%	11	15%
Decline to State	483	3%	28	3%	13	4%	10	14%
Total	17,350	100%	950	100%	362	101%	73	100%
Spring 2020								
African American	595	4%	34	5%			15	6%
Asian	7,059	45%	248	37%			72	30%
Filipinx	1,052	6%	41	6%			10	4%
Latinx	4,170	24%	205	31%			91	38%
Native American	65	0%	2	0%			2	1%
Pacific Islander	122	1%	4	1%			3	1%
White	2,867	16%	106	16%			38	16%
Decline to State	688	4%	27	4%			8	3%
Total	16,618	100%	667	100%			239	100%

Note: Spring 2020 did not run a EWRT1AS section.

Table 6 displays the total percent of each racial/ethnic group in each term followed by their proportion of enrollment in each type of EWRT1A course.

- There are some signs of over-representation of African American and Latinx students in the Stretch and Bundle courses, this can be problematic for these student populations since the completion rate is lower for these courses than the Standalone sections and should be monitored.