



Analysis of Student Success Metrics for AVID

(Spring 2015, Summer 2015, and Fall 2015)

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Executive Summary

Purpose

The AVID team requested student completion and persistence data on AVID infused sections compared to Non-AVID sections of the same courses. The intended goal was to gauge whether teaching an AVID curriculum makes a difference in student performance.

Method

The data for this analysis was extracted from the South Orange County Community College District's (SOCCCD) data warehouse, inFORM. Metrics used in this analysis include sections counts, persistence to the next major semester (Fall and Spring only), and success/retention rates. The data was examined across three terms: Spring 2015, Summer 2015, and Fall 2015. Since the summer semester is not considered a major semester, the data does not include a persistence table for that term. For purposes of consistency, the non-AVID sections that were analyzed were from the same courses that also offered AVID sections. Below are the definitions of the metrics used in this analysis:

Success Rate - The percentage of students who ended the semester with a passing grade. It is based on the number of students who receive a passing/satisfactory grade of A, B, C, CR, and P. Non-passing grades, incompletes, and W's are counted against the success rate.

Retention Rate – The percentage of students who maintained enrollment in the course until the end of the semester. It is based on the number of students who do not withdraw from class and who receive a grade (A,B,C,D,F,I,CR,NC,P,NP). Only W's are counted against the retention rate. Students who drop or are dropped by the no-penalty dropped date are not used in this calculation.

Persistence Rate – The percentage of students who enrolled in the next major semester (either Fall to Spring or Spring to Fall).

Findings

Across the three semesters (Spring 2015, Summer 2015, and Fall 2015); data suggest that about 3% of our total section offerings are AVID-infused (Spring 2015 was the first semester that AVID sections were offered, so there were less section offerings).

Spring 2015 –

- Roughly 1.3% of all section offerings were AVID
- Students enrolled in non-AVID sections had a 7% higher Persistence Rate than those in AVID sections.
- Student enrolled in AVID sections had a 3% higher Success Rate than those in non-AVID sections (3%).
- Students enrolled in AVID sections had a 5% higher Retention Rate than those in non-AVID sections (5%).

Summer 2015 –

- Roughly 3% of all section offerings were AVID
- Student enrolled in AVID sections had a .5% slightly higher Success Rate than those in non-AVID sections.

- Students enrolled in non-AVID sections had a 1.3% higher Retention Rate than those in AVID sections.

Fall 2015 –

- Roughly 3% of all section offerings were AVID
- Students enrolled in non-AVID sections had a 5% higher Persistence Rate than those in AVID sections.
- Student enrolled in AVID sections had a 3% higher Success Rate than those in non-AVID sections.
- Students enrolled in AVID sections had a 2% higher Retention Rate than those in non-AVID sections.

Data Tables

Spring 2015:

Table 1.1 Section Counts by AVID Status

Spring 2015		
	Section Count	Percent of Total (%)
AVID	29	1.3%
Non-AVID	2,221	98.7%
Total	2,250	100%

Table 1.2 Persistence to the Next Major Semester by AVID Status

Spring 2015				
	AVID Sections		Non-AVID Sections	
	Student Count	Percent of Total (%)	Student Count	Percent of Total (%)
Did Not Persist	239	30.3%	455	23.6%
Persisted	551	69.7%	1,475	76.4%
Total	790	100%	1,930	100%

Table 1.3. Success and Retention Rates by AVID Status

Spring 2015		
	AVID Sections	Non-AVID Sections
Success Rate	80.5%	77.7%
Retention Rate	92.4%	87.3%

Summer 2015:

Table 2.1 Section Counts by AVID Status

Summer 2015		
	Section Count	Percent of Total (%)
AVID	24	2.9%
Non-AVID	799	97.1%
Total	823	100%

Table 2.2 Success and Retention Rates by AVID Status

Summer 2015		
	AVID Sections	Non-AVID Sections
Success Rate	77.7%	77.5%
Retention Rate	88.3%	89.6%

Fall 2015:

Table 3.1 Section Counts by AVID Status

Fall 2015		
	Section Count	Percent of Total (%)
AVID	64	2.9%
Non-AVID	2,109	97.1%
Total	2,173	100%

Table 3.2 Persistence to the Next Major Semester by AVID Status

Fall 2015				
	AVID Sections		Non-AVID Sections	
	Student Count	Percent of Total (%)	Student Count	Percent of Total (%)
Did Not Persist	313	17.4%	614	12.8%
Persisted	1,489	82.6%	4,201	87.2%
Total	1,802	100%	4,815	100%

Table 3.3 Success Rate by AVID Status

Fall 2015		
	AVID Sections	Non-AVID Sections
Success Rate	76.5%	74.0%
Retention Rate	91.2%	88.8%

Conclusion

The analysis of students enrolled in AVID sections revealed that they generally had higher Success and Retention rates across the three semesters than those students enrolled in non-AVID sections of the same courses. Interestingly, the data also showed that more students in non-AVID sections persisted to the next major semester than those students in AVID sections.

Further examination of data is necessary in order to determine whether the success metrics revealed in this report may necessitate adjustments to the AVID curriculum and/or program strategies. The college should continue to monitor this population.