

# De Anza College Office of Institutional Research and Planning

**To:** IMPACT-AAPI Team

**From:** Mallory Newell, De Anza Researcher

**Date:** 1/30/2017

**Subject:** Student outcomes of IMPACT-AAPI funded courses – 2015-16

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De Anza College was awarded a Title 3 grant from the federal government, which we are currently in our fifth and final year. The tables below track the success rates of students enrolled in grant funded sections in 2015-16.

The tables include success, persistence, and progression rates disaggregated by Asian ethnic groups as defined in the grant. Data included in this analysis is to be used to respond to Objectives 1, 2 and 3 within the grant.

## **Objective 1: Course Success**

AAPI students from lower achieving AAPI groups who participate in grant-sponsored learning communities will have course success rates in those classes at least five percentage points higher than the 2009 baselines of course success rates.

## **Objective 2: English Readiness and Success**

During the five-year project, students from targeted AAPI groups who participate in grant-sponsored English learning communities will progress to successful completion of college-level English at rates of 25% higher than the fall 2009-Winter 2010 baselines.

## **Objective 3: Math Readiness and Success**

During the five-year project, students from targeted AAPI groups who participate in grant sponsored math learning communities or MPS sections will progress to successful completion of college-level math at rates 25% higher than the baselines.

## Objective 1

**Table 1. Success Rates in AAPI funded courses – 2015-16 – Objective 1**

				Success		Non Success		Withdraw		Total	
				Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Fall 2015	COUN	D080Y	07D	35	100%					35	100%
	EWRT	D001A	6YD	28	93%	2	7%			30	100%
	EWRT	D200.	02D	16	67%	3	13%	5	21%	24	100%
	ICS	D021.	01D	30	100%					30	100%
	READ	D200.	02D	16	67%	4	17%	4	17%	24	100%
Winter 2016	BIOL	D011.	01D	13	87%	2	13%			15	100%
	EWRT	D001A	14D	24	96%	1	4%			25	100%
	EWRT	D001A	1YD	13	87%	2	13%			15	100%
	SPCH	D001.	07D	24	100%					24	100%
Spring 2016	EWRT	D001A	1YD	22	65%	5	15%	7	21%	34	100%
	EWRT	D002.	01D	22	88%	3	12%			25	100%
	HUMA	D010.	06D	23	68%	9	26%	2	6%	34	100%
	MATH	D010.	06D	22	88%	3	12%			25	100%
	READ	D070.	01D	25	100%					25	100%
Total				313	86%	34	9%	18	5%	365	100%

- Overall, students in grant funded courses exhibited a success rate of 86%.

### Fall 2015

- Students in grant funded COUN80Y exhibited success rates of 100%.
- Students in grant funded sections of EWRT1A exhibited success rates of 93%.
- Students in grant funded EWRT200 exhibited success rates of 100%.
- Students in grant funded sections of ICS21 exhibited success rates of 100%.
- Students in grant funded READ200 exhibited success rates of 67%.

### Winter 2016

- Students in grant funded sections of EWRT1A exhibited success rates of 96% and 87%.
- Students in grant funded BIOL11 exhibited success rates of 87%.
- Students in grant funded sections of SPCH001 exhibited success rates of 100%.

### Spring 2016

- Students in grant funded sections of EWRT1A exhibited success rates of 65%.
- Students in grant funded sections of EWRT2 exhibited success rates of 88%.
- Students in grant funded sections of HUMA10 exhibited success rates of 68%.
- Students in grant funded sections of MATH10 exhibited success rates of 88%.

- Students in grant funded sections of READ70 exhibited success rates of 100%.

*Course Success by Ethnic Group – Objective 1*

**Table 2. Success Rates in AAPI funded courses of Targeted Ethnic Groups – 2015-16**

	Success		Non Success		Withdraw		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Cambodian	2	100%					2	100%
Filipino	72	92%	4	5%	2	3%	78	100%
Laotian	6	100%					6	100%
Pacific Islander	8	100%					8	100%
Samoan	7	100%					7	100%
Vietnamese	32	97%			1	3%	33	100%
Other Asian	64	84%	8	11%	4	5%	76	100%
Non AAPI	122	79%	22	22%	11	7%	155	100%
<b>Total</b>	<b>313</b>	<b>86%</b>	<b>34</b>	<b>9%</b>	<b>18</b>	<b>5%</b>	<b>365</b>	<b>100%</b>

Objective 1 states that AAPI students from lower achieving AAPI groups who participate in grant-sponsored learning communities will have course success rates in those classes at least five percentage points higher than the 2009 baseline of course success rates.

- The baseline for Cambodian students is 69% and the current rate is 100% for the 2 students.
- The baseline for Filipino students is 71% and the current rate is 92%.
- The baseline for Laotian students is 52% and the current rate is 100% for the 6 students.
- The baseline for Hawaiian students is 66% but there are no Hawaiian students in the cohort.
- The baseline for Samoan students is 61% and the current rate is 100% for the 7 students.
- The baseline for Other Pacific Islander students is 64% and there are no Other Pacific Islander students in the cohort.
- There is no baseline for Vietnamese students the current rate is 97%.

## Objective 2

### *English Readiness and Success Rates*

Objective 2 in the grant states that during the five-year project, students from targeted AAPI groups who participate in grant-sponsored English learning communities or use digital modules or have CSLs will progress to successful completion of college-level English at rates 25% higher than the Fall 2009-Winter 2010 baselines, based on persistence and progression rates from one-level below to college-level.

Students who passed LART211 starting in winter 2011 were tracked through spring 2016 to determine if they enrolled or passed EWRT1A at any time during this period. It should be noted that students may choose to take EWRT1A at a later date.

Progression rates represent those students who successfully complete LART211 and successfully complete EWRT1A. Persistence rates are those students who successfully complete LART211 and enrolled in EWRT1A, regardless of whether they passed EWRT1A.

**Table 3. English Readiness and Success Rates in AAPI Funded Courses – EWRT211**

	Passed LART211	Enrolled in EWRT1A	% Enrolled in EWRT1A (Persistence Rate)	Passed EWRT1A	% Passed EWRT1A (Progression Rate)
Filipino	27	25	93%	22	81%
SE Asian	40	36	90%	33	83%
Pacific Islander	10	9	90%	8	80%
Other Asian	18	17	94%	15	83%
Non AAPI	48	46	96%	42	88%
<b>Total</b>	<b>143</b>	<b>133</b>	<b>93%</b>	<b>120</b>	<b>84%</b>

- The baseline persistence and progression rate to college level English for Filipino students is 34%, their current persistence rate is 93% and their current progression rate is 81%.
- The baseline for South East Asians is 35% and their current persistence rate is 90% and their current progression rate is 83%.
- The baseline for Pacific Islanders is 42% and their current persistence rate is 90% and their success rate is 80%.

### Objective 3

#### *Math Readiness and Success Rates*

Objective 3 in the grant states that during the five-year project, students from targeted AAPI groups who participate in grant-sponsored math learning communities or MPS sections or use digital modules will progress to successful completion of college-level math at rates 25% higher than the Fall 2009-Winter 2010 baselines, based on persistence and progression rates from one-level below to college-level.

Students who passed Math114 starting in winter 2011 were tracked through spring 2015 to determine if they enrolled or passed MATH10 at any time during this period. It should be noted that students may choose to take MATH10 at a later date, so this one snapshot is not inclusive of all students who will be captured over the 5-year period of the grant.

Progression rates represent those students who successfully complete MATH114 and successfully complete MATH10. Persistence rates are those students who successfully complete MATH114 and enrolled in MATH10, regardless of whether they passed MATH10.

**Table 4. Math Readiness and Success Rates in AAPI Funded Courses**

	Passed MATH114	Enrolled in MATH10	% Enrolled in MATH10 (Persistence Rate)	Passed MATH10	% Passed MATH10 (Progression Rate)
Filipino	7	5	71%	5	71%
Laotian	1	1	100%	1	100%
Pacific Islander	1	1	100%	1	100%
Samoan	1	1	100%	1	100%
Vietnamese	2	2	100%	2	100%
Other Asian	4	5	125%	4	100%
Non AAPI	8	7	88%	6	75%
<b>Total</b>	<b>24</b>	<b>22</b>	<b>92%</b>	<b>20</b>	<b>83%</b>

- The baseline persistence and progression rate to college level math for Filipino students is 35%, their current persistence rate is 71% and their current progression rate is 71%.
- There is no baseline persistence and progression rate to college level math for Laotian students their current persistence rate is 100% and their current progression rate is 100%.
- The baseline persistence and progression rate to college level math for Pacific Islander students is 35%, their current persistence rate is 100% and their current success rate is 100%.

- There is no baseline persistence and progression rate to college level math for Samoan students, their current persistence rate is 100% and their current progression rate is 100%.
- There is no baseline persistence and progression rate to college level math for Vietnamese students, their current persistence rate is 100% and their current progression rate is 100%.