

To: Jerry Rosenberg, Dean of PSME and Yvette Alva-Campbell, Director of STEM Success Program

From: Lisa Ly, Research Analyst

Date: October 10, 2016

Subject: First Basic Skills Term & MPS Students' English Basic Skills Completion Rate

**Background**

The Transformation Grant provides basic skills funding for FY 2016-17 through 2018-19 (three-year period). As part of the planning process for FY 2016-17, analyses are conducted to help inform scheduling and to better understand students' enrollment behaviors. This report is an excerpt of the full report<sup>1</sup>, and highlights two areas that may be of particular interest regarding student enrollment behaviors:

*Question: How long do students take to enroll in their first basic skills course?*

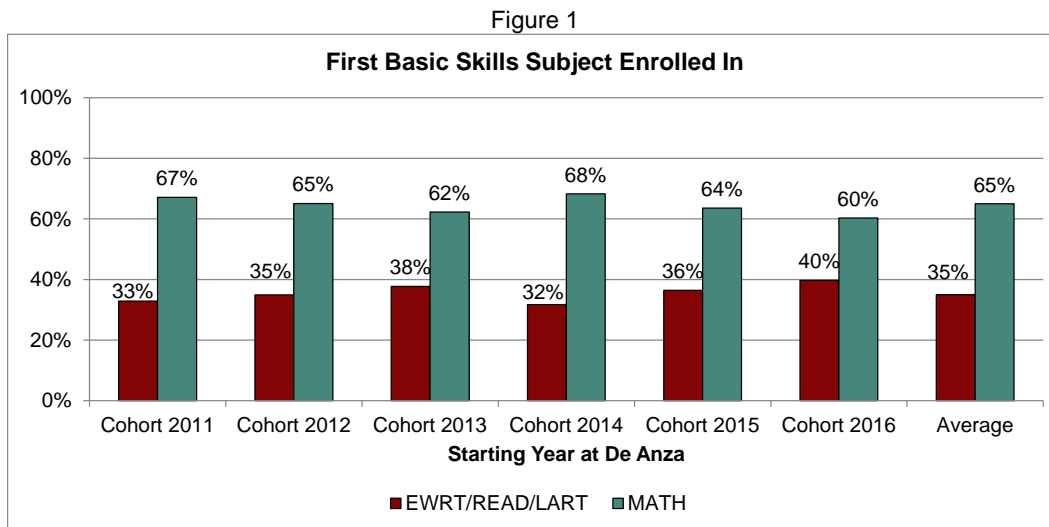
*Question: How long does it take MPS students to complete their English basic skills sequence?*

**First Basic Skills Term vs. First Term at De Anza: 2010-11 to 2015-16**

The first enrollment term is used to assign students to a cohort. Students in these six cohorts, 2011 through 2016, are then tracked to obtain their first basic skills enrollment. Basic skills reflect Math 210, 212, 217, 114 and EWRT/READ/LART 200 and 211.

**First Basic Skills Subject Enrolled In**

- On average, the first basic skills subject that most students enrolled in is math (65%).



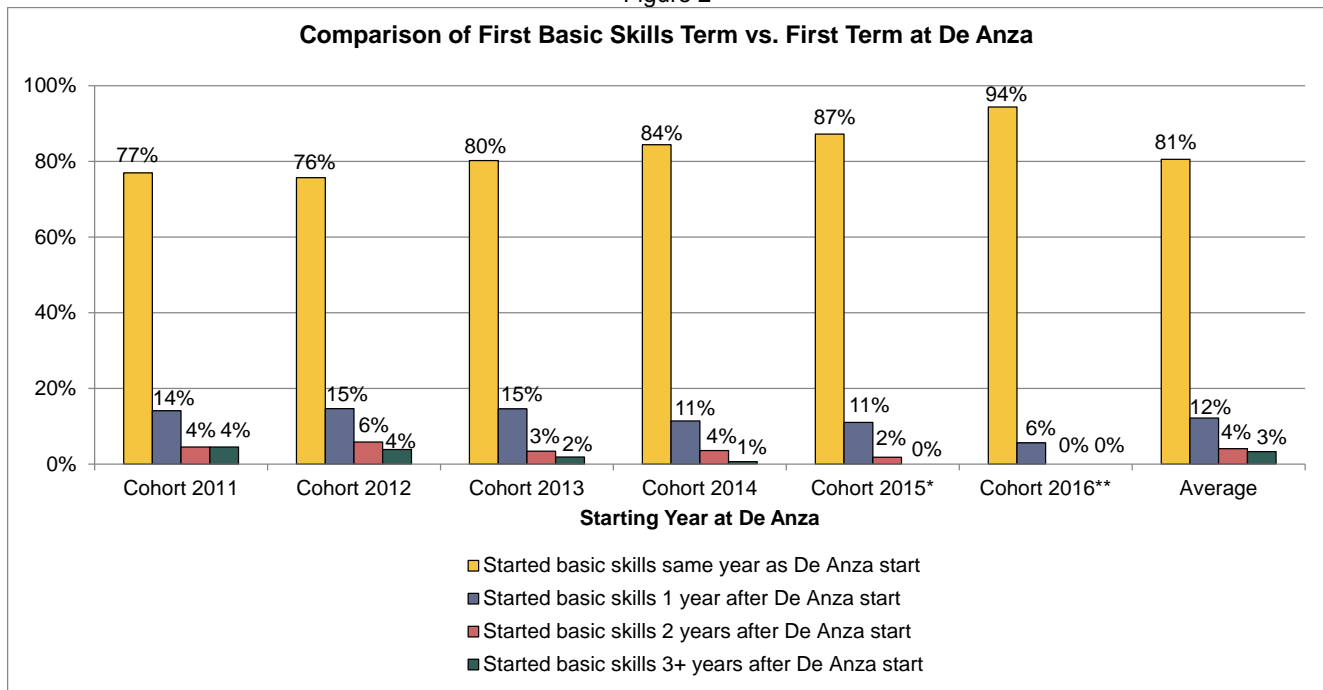
Data omits students who enrolled in basic skills English and Math courses in the same term.

**First Basic Skills Term vs. First Term at De Anza**

<sup>1</sup> 2016-17 Transformation Grant Planning Analyses Report - [https://www.deanza.edu/ir/deanza-research-projects/2016-17/2016-17%20Transformation%20Grant%20Planning%20Analyses\\_09.26.16.pdf](https://www.deanza.edu/ir/deanza-research-projects/2016-17/2016-17%20Transformation%20Grant%20Planning%20Analyses_09.26.16.pdf)

- 81% of students enrolled in their first basic skills course in the *same year* as starting at De Anza.
- 12% of students enrolled in their first basic skills course *one year after* starting at De Anza.
- 7% of students enrolled in their first basic skills course *two or more years after* starting at De Anza.

Figure 2



\*Cohort 2015: starting basic skills three years or more after starting at De Anza is not applicable.

\*\*Cohort 2016: Starting basic skills two or more years after starting at De Anza is not applicable.

### English Basic Skills Completion Rate of MPS Students: 2011-12 to 2015-16

Table 1 compares the English basic skills completion rate and time to completion by MPS math levels. The first MPS term was used to assign students to a MPS cohort.

- On average, 60% of MPS students are also enrolled in English basic skills.
  - 52% completed their English basic skills *prior* to enrolling in MPS.
  - 48% completed their English basic skills *during or after* enrolling in MPS—with the majority completing within the same year as starting MPS.
- Consistent with the analysis completed during the grant application process, students who start at a higher basic skills level complete the basic skills sequence at higher rate than those who start at a lower basic skills level.
  - MPS students who started at EWRT/READ 211 completed EWRT 1A at a higher rate than those who started at EWRT/READ 200, 71% vs. 55%.
  - The English basic skills completion rate is higher for MPS students who started at a higher math level.
    - *Math 210 MPS (starting level):* 41% completed English basic skills
    - *Math 212 MPS (starting level):* 63% completed English basic skills
    - *Math 114 MPS (starting level):* 75% completed English basic skills
    - *Math 10 MPS (starting level):* 85% completed English basic skills

Table 1: English Basic Skills Completion of MPS Students

MPS Cohort		English Basic Skills* Enrollment		Comparison of English Basic Skills Completion Term vs. MPS Start Term												
				Average of 2011-12 to 2015-16												
Starting Level	Students	Starting Level	Students	Percent (MPS in English Basic Skills)	Completed Prior to MPS Start		Completed Same Year as MPS Start		Completed 1 Year after MPS Start		Completed 2 Years after MPS Start		Completed 3+ Years after MPS Start		Total	
					Students	Percent	Students	Percent	Students	Percent	Students	Percent	Students	Percent	Students	Percent
Math 210	328	EWRT READ 200	98	30%	16	47%	9	26%	7	21%	2	6%	0	0%	34	35%
		EWRT READ 211	94	29%	18	40%	18	40%	5	11%	3	7%	1	2%	45	48%
		<b>Subtotal</b>	<b>192</b>	<b>59%</b>	<b>34</b>	<b>43%</b>	<b>27</b>	<b>34%</b>	<b>12</b>	<b>15%</b>	<b>5</b>	<b>6%</b>	<b>1</b>	<b>1%</b>	<b>79</b>	<b>41%</b>
Math 212	633	EWRT READ 200	108	17%	29	51%	20	35%	5	9%	2	4%	1	2%	57	53%
		EWRT READ 211	282	45%	71	38%	100	53%	12	6%	2	1%	3	2%	188	67%
		<b>Subtotal</b>	<b>390</b>	<b>62%</b>	<b>100</b>	<b>41%</b>	<b>120</b>	<b>49%</b>	<b>17</b>	<b>7%</b>	<b>4</b>	<b>2%</b>	<b>4</b>	<b>2%</b>	<b>245</b>	<b>63%</b>
Math 114	391	EWRT READ 200	79	20%	27	47%	16	28%	11	19%	3	5%	0	0%	57	72%
		EWRT READ 211	180	46%	66	48%	60	43%	11	8%	1	1%	0	0%	138	77%
		<b>Subtotal</b>	<b>259</b>	<b>66%</b>	<b>93</b>	<b>48%</b>	<b>76</b>	<b>39%</b>	<b>22</b>	<b>11%</b>	<b>4</b>	<b>2%</b>	<b>0</b>	<b>0%</b>	<b>195</b>	<b>75%</b>
Math 10	463	EWRT READ 200	58	13%	20	51%	15	38%	3	8%	0	0%	1	3%	39	67%
		EWRT READ 211	193	42%	125	76%	34	21%	4	2%	0	0%	1	1%	164	85%
		<b>Subtotal</b>	<b>251</b>	<b>54%</b>	<b>145</b>	<b>71%</b>	<b>49</b>	<b>24%</b>	<b>7</b>	<b>3%</b>	<b>0</b>	<b>0%</b>	<b>2</b>	<b>1%</b>	<b>203</b>	<b>81%</b>
Average	454	EWRT READ 200	86	19%	23	49%	15	32%	7	14%	2	4%	1	1%	47	55%
		EWRT READ 211	187	41%	70	52%	53	40%	8	6%	2	1%	1	1%	134	71%
		<b>Subtotal</b>	<b>273</b>	<b>60%</b>	<b>93</b>	<b>52%</b>	<b>68</b>	<b>38%</b>	<b>15</b>	<b>8%</b>	<b>3</b>	<b>2%</b>	<b>2</b>	<b>1%</b>	<b>181</b>	<b>66%</b>

\*English basic skills enrollment reflect courses in EWRT, READ, and LART departments.