

# Some Data from the RP Group/MMAP Paper

Data from fall 2015, fall 2016, fall 2017, and fall 2018: first-time enrollment in the English or mathematics discipline in the California community college system and it is at the transfer-level

## English first enrollment in English is at transfer-level

Table 4. Number and Percentage of Successful Completions of Transfer-Level English<sup>1</sup>

| Term      | Successful Completions | Total Enrollment | Success Rate | Additional Successful Completions from Prior Fall |
|-----------|------------------------|------------------|--------------|---|
| Fall 2015 | 53,156                 | 72,796           | 73%          | -   |
| Fall 2016 | 59,219                 | 81,054           | 73%          | 6,063   |
| Fall 2017 | 69,738                 | 96,208           | 72%          | 10,519  |
| Fall 2018 | 88,641                 | 125,542          | 71%          | 18,903  |

Note: "Success" is defined as receiving grades of A, B, C, Credit, and Pass.

The year-over-year increase in the number of unsuccessful attempts rose by 10,458 students from fall 2017 to fall 2018, an increase of 125%, while the increase of successful completions rose 80% over the same timeframe.

Table 4.1. Number and Percentage of Unsuccessful Attempts of Transfer-Level English

| Term      | Unsuccessful Attempts | Total Enrollment | Unsuccessful Rate | Additional Unsuccessful Attempts from Prior Fall |
|-----------|-----------------------|------------------|-------------------|--|
| Fall 2015 | 19,640                | 72,796           | 27%               | -  |
| Fall 2016 | 21,835                | 81,054           | 27%               | 2,195  |
| Fall 2017 | 26,479                | 96,208           | 28%               | 4,635  |
| Fall 2018 | 36,901                | 125,542          | 29%               | 10,422   |

Note: "Unsuccessful" is defined as not receiving a grade of A, B, C, Credit, nor Pass

## Mathematics – SLAM first enrollment in mathematics is at transfer-level

Table 5. Number and Percentage of Successful Completions of Transfer-Level SLAM<sup>2</sup>

| Term      | Successful Completions | Total Enrollment | Success Rate | Additional Successful Completions from Prior Fall |
|-----------|------------------------|------------------|--------------|---|
| Fall 2015 | 10,901                 | 15,994           | 68%          | -   |
| Fall 2016 | 12,454                 | 18,347           | 68%          | 1,553   |
| Fall 2017 | 15,017                 | 23,049           | 65%          | 2,563   |
| Fall 2018 | 20,569                 | 33,003           | 62%          | 5,552   |

Note: Success is defined as receiving grades of A, B, C, Credit, and Pass. "SLAM" refers to statistics and liberal arts math.

For SLAM courses, success rates have decreased six percentage points from fall 2015 to fall 2018. The year-over-year increase in the number of unsuccessful attempts rose by 4,402 students from fall 2017 to fall 2018, an increase of 105%, while the increase of successful completions rose 117% over the same timeframe.

Table 5.1. Number and Percentage of Unsuccessful Attempts of Transfer-Level SLAM

| Term      | Unsuccessful Attempts | Total Enrollment | Unsuccessful Rate | Additional Unsuccessful Attempts from Prior Fall |
|-----------|-----------------------|------------------|-------------------|--|
| Fall 2015 | 5,093                 | 15,994           | 32%               | -  |
| Fall 2016 | 5,893                 | 18,347           | 32%               | 800  |
| Fall 2017 | 8,032                 | 23,049           | 35%               | 2,139  |
| Fall 2018 | 12,434                | 33,003           | 38%               | 4,402  |

Note: "Unsuccessful" is defined as not receiving a grade of A, B, C, Credit, nor Pass. "SLAM" refers to statistics and liberal arts math.

## Mathematics – B-STEM first enrollment in mathematics is at transfer-level

Table 6. Number and Percentage of Successful Completions of Transfer-Level B-STEM Math<sup>3</sup>

| Term      | Successful Completions | Total Enrollment | Success Rate | Additional Successful Completions from Prior Fall |
|-----------|------------------------|------------------|--------------|---|
| Fall 2015 | 16,085                 | 25,149           | 64%          | --  |
| Fall 2016 | 16,835                 | 26,464           | 64%          | 750   |
| Fall 2017 | 17,949                 | 29,113           | 62%          | 1,111*  |
| Fall 2018 | 20,207                 | 34,577           | 58%          | 2,261**   |

Note: "Success" is defined as receiving grades of A, B, C, Credit, and Pass. "B-STEM" refers to business, science, technology, engineering, and mathematics fields of study.

For B-STEM courses, success rates have decreased six percentage points from fall 2015 to fall 2018. The year-over-year increase in the number of unsuccessful attempts rose by 3,206 students from fall 2017 to fall 2018, an increase of 108%, while the increase of successful completions rose 103% over the same timeframe.

Table 6.1. Number and Percentage of Unsuccessful Attempts of Transfer-Level B-STEM Math

| Term      | Unsuccessful Attempts | Total Enrollment | Unsuccessful Rate | Additional Unsuccessful Attempts from Prior Fall |
|-----------|-----------------------|------------------|-------------------|--|
| Fall 2015 | 9,064                 | 25,149           | 36%               | --   |
| Fall 2016 | 9,629                 | 26,464           | 36%               | 565  |
| Fall 2017 | 11,164                | 29,113           | 38%               | 1,535  |
| Fall 2018 | 14,370                | 34,577           | 42%               | 3,206  |

Note: "Success" is defined as receiving grades of A, B, C, Credit, and Pass. "B-STEM" refers to business, science, technology, engineering, and mathematics fields of study.

\*Error – should be 1,114

\*\*Error – Should be 2,258

## English (success)

| English          |           |            |           |            |           |            |           |            |
|------------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|
|                  | Fall 2015 |            | Fall 2016 |            | Fall 2017 |            | Fall 2018 |            |
|                  | #         | %          | #         | %          | #         | %          | #         | %          |
| <b>Ethnicity</b> |           |            |           |            |           |            |           |            |
| Asian            | 7,742     | 81%        | 8,546     | 81%        | 10,117    | 81%        | 12,897    | 81%        |
| African-American | 1,832     | <b>62%</b> | 2,231     | <b>63%</b> | 2,543     | 61%        | 3,295     | <b>59%</b> |
| Latinx           | 18,958    | <b>68%</b> | 22,697    | 68%        | 28,772    | 68%        | 39,341    | <b>66%</b> |
| Native American  | 227       | 64%        | 213       | 67%        | 278       | <b>72%</b> | 301       | <b>64%</b> |
| Pacific Islander | 166       | 60%        | 202       | 63%        | 266       | 63%        | 292       | 59%        |
| Two or More      | 2,726     | 72%        | 3,106     | 73%        | 3,366     | 72%        | 4,082     | 72%        |
| White            | 18,977    | 77%        | 20,013    | 78%        | 21,286    | 78%        | 24,422    | 77%        |
| Unknown          | 2,528     | 76%        | 2,227     | 76%        | 3,110     | 76%        | 4,011     | <b>70%</b> |
| <b>Gender</b>    |           |            |           |            |           |            |           |            |
| Female           | 28,263    | 76%        | 31,205    | 76%        | 37,684    | 75%        | 48,114    | 73%        |
| Male             | 24,082    | 70%        | 26,906    | 70%        | 31,984    | 69%        | 39,156    | 68%        |
| Other/Unknown    | 811       | 71%        | 1,108     | 72%        | 1,070     | 70%        | 1,371     | 68%        |
| <b>DSPS</b>      |           |            |           |            |           |            |           |            |
| DSPS             | 337       | 67%        | 292       | <b>69%</b> | 417       | 65%        | 646       | <b>60%</b> |
| Not DSPS         | 52,819    | 73%        | 58,927    | 73%        | 69,321    | 73%        | 87,995    | 71%        |

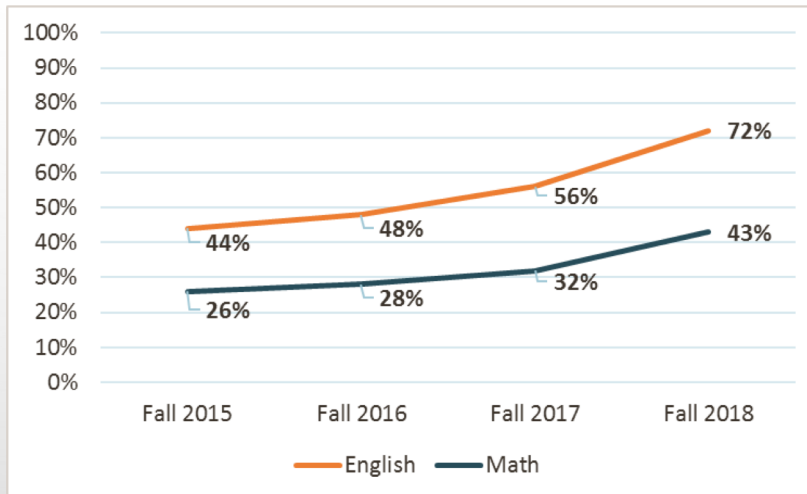
## Mathematics – SLAM (success)

| SLAM             |           |            |           |            |           |     |           |            |
|------------------|-----------|------------|-----------|------------|-----------|-----|-----------|------------|
|                  | Fall 2015 |            | Fall 2016 |            | Fall 2017 |     | Fall 2018 |            |
|                  | #         | %          | #         | %          | #         | %   | #         | %          |
| <b>Ethnicity</b> |           |            |           |            |           |     |           |            |
| Asian            | 2,221     | 77%        | 2,390     | 78%        | 2,741     | 78% | 3,484     | 75%        |
| African-American | 363       | <b>55%</b> | 379       | 54%        | 424       | 47% | 654       | <b>49%</b> |
| Latinx           | 3,412     | <b>60%</b> | 4,257     | 60%        | 5,480     | 57% | 8,307     | <b>55%</b> |
| Native American  | 35        | <b>59%</b> | 29        | 58%        | 37        | 52% | 53        | <b>54%</b> |
| Pacific Islander | 32        | 53%        | 36        | <b>59%</b> | 60        | 59% | 78        | <b>53%</b> |
| Two or More      | 535       | 67%        | 609       | <b>68%</b> | 773       | 67% | 1,003     | <b>63%</b> |
| White            | 3,744     | 73%        | 4,209     | 74%        | 4,772     | 72% | 6,055     | 70%        |
| Unknown          | 559       | <b>74%</b> | 548       | 72%        | 730       | 69% | 935       | <b>65%</b> |
| <b>Gender</b>    |           |            |           |            |           |     |           |            |
| Female           | 6,673     | <b>71%</b> | 7,518     | 70%        | 9,268     | 67% | 12,711    | <b>64%</b> |
| Male             | 4,062     | 64%        | 4,728     | <b>65%</b> | 5,489     | 62% | 7,505     | <b>59%</b> |
| Other/Unknown    | 166       | 64%        | 208       | 66%        | 260       | 68% | 347       | 66%        |
| <b>DSPS</b>      |           |            |           |            |           |     |           |            |
| DSPS             | 46        | <b>61%</b> | 50        | 67%        | 71        | 58% | 95        | <b>48%</b> |
| Not DSPS         | 10,855    | 68%        | 12,404    | 68%        | 14,946    | 65% | 20,474    | 62%        |

## Mathematics – B-STEM (success)

| B-STEM Math      |           |            |           |     |           |            |           |            |
|------------------|-----------|------------|-----------|-----|-----------|------------|-----------|------------|
|                  | Fall 2015 |            | Fall 2016 |     | Fall 2017 |            | Fall 2018 |            |
|                  | #         | %          | #         | %   | #         | %          | #         | %          |
| <b>Ethnicity</b> |           |            |           |     |           |            |           |            |
| Asian            | 5,144     | 73%        | 5,264     | 74% | 5,379     | 73%        | 6,071     | 73%        |
| African-American | 300       | <b>51%</b> | 315       | 48% | 316       | 44%        | 415       | <b>44%</b> |
| Latinx           | 3,968     | <b>54%</b> | 4,333     | 53% | 4,870     | 50%        | 5,855     | <b>47%</b> |
| Native American  | 31        | 52%        | 29        | 47% | 45        | <b>54%</b> | 31        | <b>36%</b> |
| Pacific Islander | 36        | <b>56%</b> | 36        | 44% | 51        | 54%        | 48        | <b>46%</b> |
| Two or More      | 692       | 61%        | 810       | 60% | 854       | 62%        | 1,021     | 60%        |
| White            | 4,818     | 66%        | 5,146     | 66% | 5,368     | 66%        | 5,737     | 63%        |
| Unknown          | 1,096     | <b>71%</b> | 902       | 69% | 1,063     | 67%        | 1,029     | <b>61%</b> |
| <b>Gender</b>    |           |            |           |     |           |            |           |            |
| Female           | 6,272     | <b>67%</b> | 6,382     | 66% | 7,023     | 63%        | 8,047     | <b>59%</b> |
| Male             | 9,578     | <b>63%</b> | 10,141    | 62% | 10,640    | 61%        | 11,798    | <b>58%</b> |
| Other/Unknown    | 235       | 59%        | 312       | 63% | 283       | 62%        | 362       | 62%        |
| <b>DSPS</b>      |           |            |           |     |           |            |           |            |
| DSPS             | 64        | 47%        | 58        | 54% | 82        | <b>56%</b> | 102       | <b>49%</b> |
| Not DSPS         | 16,021    | 64%        | 16,777    | 64% | 17,864    | 62%        | 20,105    | 58%        |

Chart 1. Percentage of Students Who Enrolled Directly in Transfer-Level English and Math



English: Fall 2015 = 166,116; F16 = 168,516; F17 = 172,046; F18 = 174,205  
 Math: Fall 2015 = 163,309; F16 = 165,420; F17 = 167,320; F18 = 160,335

Chart 2. Volume of Successful Completions and Non-Successes with Year to Year Changes in Volume for Both in Transfer Level English

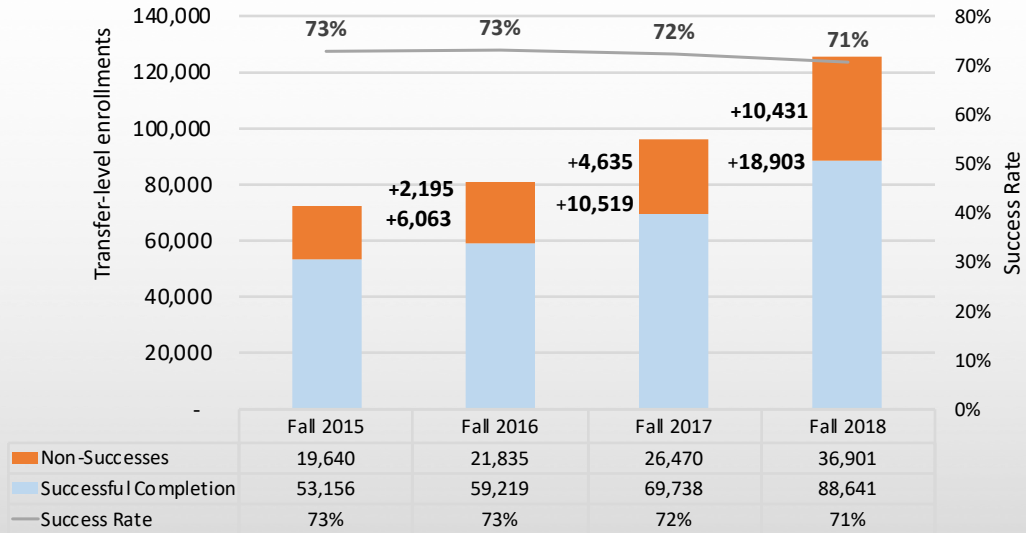


Chart 3. Volume of Successful Completions and Non-Successes with Year to Year Changes in Volume for Both in Transfer Level SLAM

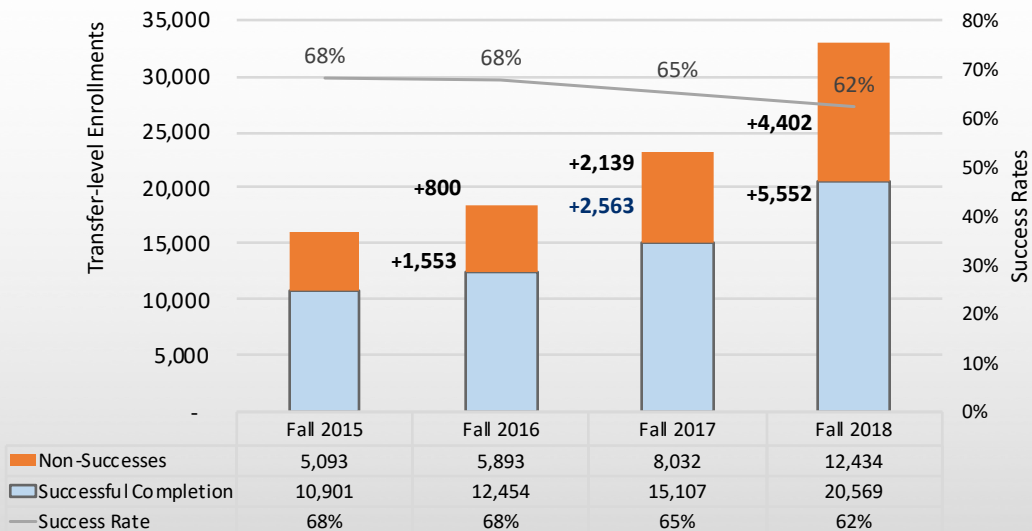


Chart 4. Volume of Successful Completions and Non-Successes with Year to Year Changes in Volume for Both in Transfer Level B-STEM

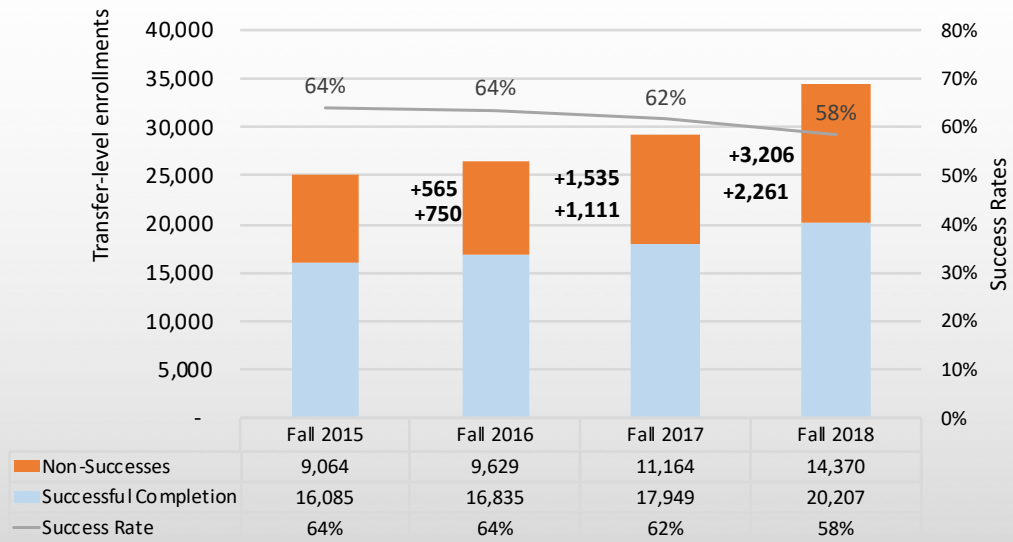


Chart 5. Term-to-Term Number of **Additional** Successful Completions of Transfer-Level **English**, Disaggregated by Ethnicity

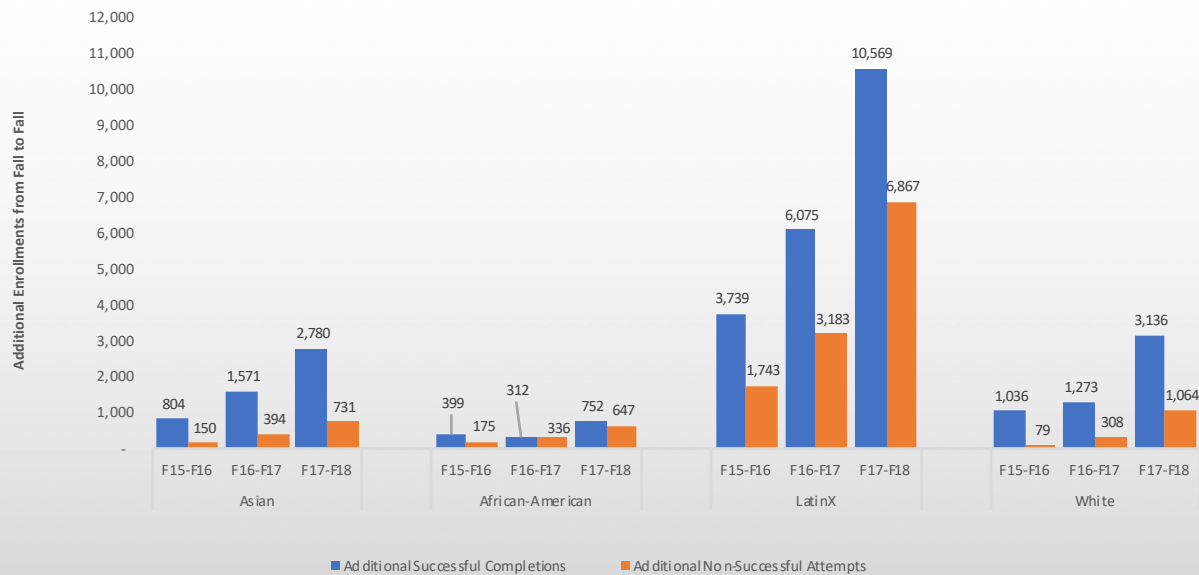


Chart 6. Term-to-Term Number of **Additional** Successful Completions of Transfer-Level **SLAM**, Disaggregated by Ethnicity

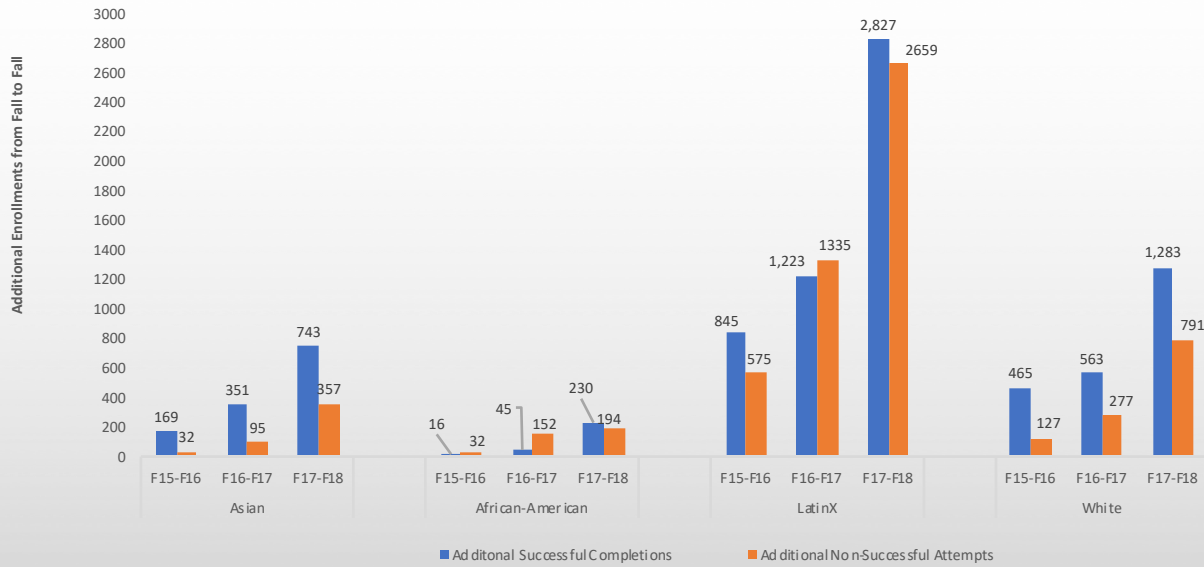


Chart 7. Term-to-Term Number of **Additional** Successful Completions of Transfer-Level **B-STEM Math**, Disaggregated by Ethnicity

