



Math 180 Placement Study - Updated  
(March 2024)

| Math Placement 13x and 15x - Math 180 Success - Fall 2023 |            |            |                |            |           |            |           |
|-----------------------------------------------------------|------------|------------|----------------|------------|-----------|------------|-----------|
|                                                           | Successful |            | Not Successful |            | Withdrawn |            | Total     |
|                                                           | #          | %          | #              | %          | #         | %          |           |
| Asian                                                     | 5          | 71%        | 1              | 14%        | 1         | 14%        | 7         |
| African American/Black                                    | 3          | 60%        | 1              | 20%        | 1         | 20%        | 5         |
| Hispanic/Latinx                                           | 12         | 60%        | 5              | 25%        | 3         | 15%        | 20        |
| Middle Eastern                                            | 14         | 74%        | 3              | 16%        | 2         | 11%        | 19        |
| Native American                                           | 0          | 0%         | 0              | 0%         | 0         | 0%         | 0         |
| Pacific Islander                                          | 0          | 0%         | 0              | 0%         | 0         | 0%         | 0         |
| Two or more                                               | 3          | 60%        | 2              | 40%        | 0         | 0%         | 5         |
| White                                                     | 9          | 82%        | 1              | 9%         | 1         | 9%         | 11        |
| Other/Unknown                                             | 0          | 0%         | 0              | 0%         | 0         | 0%         | 0         |
| <b>Total</b>                                              | <b>46</b>  | <b>69%</b> | <b>13</b>      | <b>19%</b> | <b>8</b>  | <b>12%</b> | <b>67</b> |
| Female                                                    | 12         | 63%        | 4              | 21%        | 3         | 16%        | 19        |
| Male                                                      | 33         | 72%        | 8              | 17%        | 5         | 11%        | 46        |
| Unknown                                                   | 1          | 50%        | 1              | 50%        | 0         | 0%         | 2         |
| <b>Total</b>                                              | <b>46</b>  | <b>69%</b> | <b>13</b>      | <b>19%</b> | <b>8</b>  | <b>12%</b> | <b>67</b> |

| Math 180 Retention and Success by Race/Ethnicity and Gender - Fall 2023 |            |            |           |            |            |                |            |                |            |           |            |            |
|-------------------------------------------------------------------------|------------|------------|-----------|------------|------------|----------------|------------|----------------|------------|-----------|------------|------------|
| Cohort Math 180                                                         | Retention  |            |           |            |            | Course Success |            |                |            |           |            |            |
|                                                                         | Retained   |            | Withdrew  |            | Total      | Successful     |            | Not Successful |            | Withdrew  |            | Total      |
|                                                                         | #          | %          | #         | %          | #          | #              | %          | #              | %          | #         | %          | #          |
| Asian                                                                   | 7          | 88%        | 1         | 13%        | 8          | 6              | 75%        | 1              | 13%        | 1         | 13%        | 8          |
| African American/Black                                                  | 4          | 80%        | 1         | 20%        | 5          | 3              | 60%        | 1              | 20%        | 1         | 20%        | 5          |
| Hispanic/Latinx                                                         | 25         | 86%        | 4         | 14%        | 29         | 17             | 59%        | 8              | 28%        | 4         | 14%        | 29         |
| Middle Eastern                                                          | 19         | 91%        | 2         | 10%        | 21         | 14             | 67%        | 5              | 24%        | 2         | 10%        | 21         |
| Native American                                                         | --         | --         | --        | --         | --         | --             | --         | --             | --         | --        | --         | --         |
| Pacific Islander                                                        | --         | --         | --        | --         | --         | --             | --         | --             | --         | --        | --         | --         |
| Two or more                                                             | 6          | 86%        | 1         | 14%        | 7          | 4              | 57%        | 2              | 29%        | 1         | 14%        | 7          |
| White                                                                   | 17         | 94%        | 1         | 6%         | 18         | 14             | 78%        | 3              | 17%        | 1         | 6%         | 18         |
| Other/Unknown                                                           | --         | --         | --        | --         | --         | --             | --         | --             | --         | --        | --         | --         |
| <b>Total</b>                                                            | <b>78</b>  | <b>89%</b> | <b>10</b> | <b>11%</b> | <b>88</b>  | <b>58</b>      | <b>66%</b> | <b>20</b>      | <b>23%</b> | <b>10</b> | <b>11%</b> | <b>88</b>  |
| Female                                                                  | 22         | 88%        | 3         | 12%        | 25         | 15             | 60%        | 7              | 28%        | 3         | 12%        | 25         |
| Male                                                                    | 54         | 89%        | 7         | 12%        | 61         | 42             | 69%        | 12             | 20%        | 7         | 12%        | 61         |
| Unknown                                                                 | 2          | 100%       | 0         | 0%         | 2          | 1              | 50%        | 1              | 50%        | 0         | 0%         | 2          |
| <b>Total</b>                                                            | <b>78</b>  | <b>89%</b> | <b>10</b> | <b>11%</b> | <b>88</b>  | <b>58</b>      | <b>66%</b> | <b>20</b>      | <b>23%</b> | <b>10</b> | <b>11%</b> | <b>88</b>  |
| <b>All Other Math 180 Students</b>                                      | <b>#</b>   | <b>%</b>   | <b>#</b>  | <b>%</b>   | <b>#</b>   | <b>#</b>       | <b>%</b>   | <b>#</b>       | <b>%</b>   | <b>#</b>  | <b>%</b>   | <b>#</b>   |
| Asian                                                                   | 10         | 83%        | 2         | 17%        | 12         | 5              | 42%        | 5              | 42%        | 2         | 17%        | 12         |
| African American/Black                                                  | 5          | 83%        | 1         | 17%        | 6          | 1              | 17%        | 4              | 67%        | 1         | 17%        | 6          |
| Hispanic/Latinx                                                         | 44         | 71%        | 18        | 29%        | 62         | 27             | 44%        | 17             | 27%        | 18        | 29%        | 62         |
| Middle Eastern                                                          | 32         | 84%        | 6         | 16%        | 38         | 25             | 66%        | 7              | 18%        | 6         | 16%        | 38         |
| Native American                                                         | --         | --         | --        | --         | --         | --             | --         | --             | --         | --        | --         | --         |
| Pacific Islander                                                        | --         | --         | --        | --         | --         | --             | --         | --             | --         | --        | --         | --         |
| Two or more                                                             | 8          | 80%        | 2         | 20%        | 10         | 5              | 50%        | 3              | 30%        | 2         | 20%        | 10         |
| White                                                                   | 37         | 86%        | 6         | 14%        | 43         | 30             | 70%        | 7              | 16%        | 6         | 14%        | 43         |
| Other/Unknown                                                           | 5          | 100%       | 0         | 0%         | 5          | 2              | 40%        | 3              | 60%        | 0         | 0%         | 5          |
| <b>Total</b>                                                            | <b>141</b> | <b>80%</b> | <b>35</b> | <b>20%</b> | <b>176</b> | <b>95</b>      | <b>54%</b> | <b>46</b>      | <b>26%</b> | <b>35</b> | <b>20%</b> | <b>176</b> |
| Female                                                                  | 57         | 80%        | 14        | 20%        | 71         | 39             | 55%        | 18             | 25%        | 14        | 20%        | 71         |
| Male                                                                    | 83         | 81%        | 20        | 19%        | 103        | 56             | 54%        | 27             | 26%        | 20        | 19%        | 103        |
| Unknown                                                                 | 1          | 50%        | 1         | 50%        | 2          | 0              | 0%         | 1              | 50%        | 1         | 50%        | 2          |
| <b>Total</b>                                                            | <b>141</b> | <b>80%</b> | <b>35</b> | <b>20%</b> | <b>176</b> | <b>95</b>      | <b>54%</b> | <b>46</b>      | <b>26%</b> | <b>35</b> | <b>20%</b> | <b>176</b> |