|  |
| --- |
| Math 112 and 114 GPA 2004 - 2018, Decomposed by SAT and HS GPA |
|  | Math 112 | Math 114 |
| Pell Results |
| Avg. GPA, non-Pell | 2.140 | 2.222 |
| Avg. GPA Pell | 1.926 | 2.081 |
| Pell – non-Pell | -.214 | -.140 |
| % of Difference explained by SAT Math, SAT Verbal, HS GPA | 63.0% | 67.1% |
| First Generation Results |
| Avg. GPA, non-First Generation | 2.158 | 2.230 |
| Avg. GPA First Generation | 1.977 | 2.119 |
| First Generation – non-First Generation | -.181 | -.111 |
| % of Difference explained by SAT Math, SAT Verbal, HS GPA | 51.7% | 52.7% |
| Students of Color |
| Avg. GPA, non-SOC | 2.159 | 2.241 |
| Avg. GPA SCO | 1.897 | 2.040 |
| SOC – non-SOC | -.262 | -.201 |
| % of Difference explained by SAT Math, SAT Verbal, HS GPA | 82.9% | 75.6% |
| N | 11,179 | 8,798 |

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| Math 112 and 114 Withdrawal Rates 2004 - 2018, Decomposed by SAT and HS GPA |
|  | Math 112 | Math 114 |
| Pell Results |
| Avg. % Withdraw, non-Pell | 8.39 | 16.07 |
| Avg. % Withdraw Pell | 10.00 | 17.46 |
| Pell – non-Pell | 1.60 | 1.39 |
| % of Difference explained by SAT Math, SAT Verbal, HS GPA | 82.6% | 65.7% |
|  |
| Avg. % Withdraw, non-First Generation | 8.36 | 16.28 |
| Avg. % Withdraw First Generation | 9.43 | 16.50 |
| First Generation – non-First Generation | 1.07 | 0.22 |
| % of Difference explained by SAT Math, SAT Verbal, HS GPA | 90.5% | \* |
|  |
| Avg. % Withdraw, non-SOC | 8.59 | 15.46 |
| Avg. % Withdraw SOC | 9.22 | 19.16 |
| SOC – non-SOC | .64 | 3.70 |
| % of Difference explained by SAT Math, SAT Verbal, HS GPA | \* | 72.34% |
| N | 12,251 | 10,518 |

\* The difference between students completely disappears after controlling for SAT Math, SAT Verbal, and High School GPA

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| Math 112 and 114 D or F Rates 2004 - 2018, Decomposed by SAT and HS GPA |
|  | Math 112 | Math 114 |
| Pell Results |
| Avg. % D or F, non-Pell | 26.34 | 21.00 |
| Avg. % D or F Pell | 33.34 | 25.64 |
| Pell – non-Pell | 7.00 | 4.63 |
| % of Difference explained by SAT Math, SAT Verbal, HS GPA | 53.1% | 47.1% |
|  |
| Avg. % D or F, non-First Generation | 25.93 | 20.87 |
| Avg. % D or F First Generation | 31.34 | 24.07 |
| First Generation – non-First Generation | 5.41 | 3.19 |
| % of Difference explained by SAT Math, SAT Verbal, HS GPA | 45.0% | 31.3% |
|  |
| Avg. % D or F, non-SOC | 25.68 | 20.27 |
| Avg. % D or F SOC | 34.34 | 27.32 |
| SOC – non-SOC | 8.66 | 7.04 |
| % of Difference explained by SAT Math, SAT Verbal, HS GPA | 70.0% | 51.5% |
| N | 11,179 | 8,798 |