







## Course Success Rates by Division 2004-05

## Methodology

The computation of Pass (i.e. course "success") uses the grades captured in the end of term enrollment file.

As noted below, the pass rate for each course does not include students who dropped the class before receiving a grade of W .

## Definitions

The following definitions were used in the calculations.
Pass: includes grades of $A, B, C$ or $P$ Did Not Pass: $\quad$ D, F,NP or I Withdrew: W
(Plus / Minus grades were included)

Row percents are based on the total grades for the class (including W's) at the end of the term. Students who drop the class before the $3^{\text {rd }}$ week are not counted.

Cross-listed courses are reported in the division in which they are listed.

NOTE: This report does not include a test of statistical significance between groups. Caution should be used when drawing conclusions about cell figures less than 50 (approximate).



|  |  | 2005 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Financial Aid |  | No Aid Awarded |  | Total HC |  |
|  |  | HC | Percent | HC | Percent | HC | Percent |
| Asian | Asian | 61 | 23\% | 210 | 77\% | 271 | 100\% |
|  | Asian Indian | 143 | 6\% | 2,275 | 94\% | 2,418 | 100\% |
|  | Cambodian | 45 | 42\% | 62 | 58\% | 107 | 100\% |
|  | Chinese | 631 | 12\% | 4,674 | 88\% | 5,305 | 100\% |
|  | Japanese | 37 | 4\% | 794 | 96\% | 831 | 100\% |
|  | Korean | 126 | 11\% | 1,061 | 89\% | 1,187 | 100\% |
|  | Laotian | 13 | 28\% | 33 | 72\% | 46 | 100\% |
|  | Vietnamese | 1,436 | 49\% | 1,524 | 51\% | 2,960 | 100\% |
|  | Other Asian | 142 | 19\% | 593 | 81\% | 735 | 100\% |
| Black | Black, Non-Hispanic | 529 | 31\% | 1,181 | 69\% | 1,710 | 100\% |
| Filipino | Filipino | 365 | 18\% | 1,693 | 82\% | 2,058 | 100\% |
| Hispanic | Central American | 79 | 24\% | 257 | 76\% | 336 | 100\% |
|  | Hispanic | 74 | 16\% | 401 | 84\% | 475 | 100\% |
|  | Mexican | 719 | 23\% | 2,347 | 77\% | 3,066 | 100\% |
|  | Other Hispanic | 101 | 24\% | 325 | 76\% | 426 | 100\% |
|  | Puerto Rican | 15 | 34\% | 29 | 66\% | 44 | 100\% |
|  | South American | 54 | 15\% | 310 | 85\% | 364 | 100\% |
| Native Ameri | Native American | 57 | 31\% | 124 | 69\% | 181 | 100\% |
| Other | Middle Eastern | 61 | 24\% | 193 | 76\% | 254 | 100\% |
|  | Other Non-White | 87 | 22\% | 305 | 78\% | 392 | 100\% |
| Pacific Islander | Guamanian | 6 | 17\% | 30 | 83\% | 36 | 100\% |
|  | Hawaiian | 8 | 16\% | 41 | 84\% | 49 | 100\% |
|  | Other Pacific Islander | 21 | 17\% | 105 | 83\% | 126 | 100\% |
|  | Pacific Islander | 12 | 32\% | 26 | 68\% | 38 | 100\% |
|  | Samoan | 5 | 21\% | 19 | 79\% | 24 | 100\% |
| White | White, Non-Hispanic | 1,383 | 14\% | 8,581 | 86\% | 9,964 | 100\% |
| Decline to St | *Decine to state | 720 | 11\% | 5,605 | 89\% | 6,325 | 100\% |

Figure 24


Percent Successful to Summer 2003

| Course | EWRT100A | EWRT100B | EWRT001A | EWRT001B EWRT>001B |  |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Asian/PI/Filipino | 81.2 | 78.9 | 84.5 | 83.7 | 89.0 |
| Black | 64.5 | 65.2 | 79.6 | 77.8 | 87.0 |
| Hispanic | 77.6 | 80.2 | 74.3 | 82.8 | 82.4 |
| White | 79.3 | 79.6 | 85.8 | 86.9 | 86.4 |

Total Number Successful to Summer 2003

| Course | EWRT100A | EWRT100B | EWRT001A | EWRT001B ミWRT>001B |  |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Asian/PI/Filipino | 160 | 677 | 984 | 499 | 544 |
| Black | 20 | 43 | 43 | 21 | 20 |
| Hispanic | 59 | 210 | 205 | 96 | 84 |
| White | 46 | 257 | 520 | 233 | 266 |
| Native Am | 1 | 7 | 8 | 2 | 16 |

Total Grades to Summer 2003

| Course | EWRT100A | EWRT100B | EWRT001A | EWRT001B EWRT>001B |  |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Asian/PI/Filipino | 197 | 858 | 1,164 | 596 | 611 |
| Black | 31 | 66 | 54 | 27 | 23 |
| Hispanic | 76 | 262 | 276 | 116 | 102 |
| White | 58 | 323 | 606 | 268 | 308 |
| Native Am | 2 | 10 | 11 | 3 | 16 |

Note: Native American numbers are too small to provide meaningful success rates.

Source: Brio query of Tracking RDB for 1999-2000 cohort of new students. See Brio in Basic Skills folder of State of College on the IR\&P server.

Figure 26


| Course | Percent Successful to Summer 2002 <br> MATH200 | MATH101 | MATH105 |
| :--- | ---: | ---: | ---: | ---: | MATH >105 | MATH | 67.7 | 53.9 | 61.8 | 70.8 |
| :--- | :--- | :--- | :--- | :--- |
| Asian/PI/Filipino | 36.6 | 48.7 | 44.9 | 63.9 |
| Black | 56.5 | 48.8 | 49.2 | 52.4 |
| Hispanic | 68.7 | 57.2 | 59.8 | 68.2 |
| White |  |  |  |  |

Total Number Successful to Summer 2002.

| Course | MATH200 | MATH101 | MATH105 | MATH >105 |
| :--- | ---: | ---: | ---: | ---: |
| Asian/PI/Filipino | 128 | 242 | 499 | 3,507 |
| Black | 26 | 38 | 48 | 99 |
| Hispanic | 143 | 181 | 178 | 277 |
| White | 134 | 261 | 343 | 978 |
| Native Am | 5 | 10 | 6 | 11 |

Total Grades to Summer 2002.

| Course | MATH200 | MATH101 | MATH105 | MATH >105 |
| :--- | ---: | ---: | ---: | ---: |
| Asian/PI/Filipino | 189 | 449 | 807 | 4,950 |
| Black | 71 | 78 | 107 | 155 |
| Hispanic | 253 | 371 | 362 | 529 |
| White | 195 | 456 | 574 | 1,435 |
| Native Am | 9 | 17 | 14 | 18 |

Note: Native American numbers are too small to provide meaningful success rates.
Math>105 is college level and is defined as Math 1A-1D, 2A, 2B, 10, 11, 12, 22, 23, 44, 49A, 49B, 51.
Source: Brio query of Tracking RDB for 2000-01 cohort of new students. See Brio in Basic Skills folder of State of College on the IR\&P server.

# Improving Student Learning and Success: De Anza Basic Math 

## De Anza College <br> Math Course Enrollments and Success Rates <br> by Course Type and Ethnicity, Fall 2002

| Ethnicity | Enrollment <br> MATH 200-101-105 |  | Enrollment <br> All Other Math Courses |  | Success Rate <br> MATH 200-101-105 |  | Success Rate <br> All Other Math Courses |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | \# | \% | \# | \% | \# | \% | \# | \% |
| Asian | 481 | 20 | 1,435 | 47 | 300 | 62\% | 998 | 68\% |
| Black | 126 | 5 | 63 | 2 | 52 | 40\% | 36 | 55\% |
| Filipino | 197 | 8 | 110 | 4 | 106 | 54\% | 57 | 51\% |
| Hispanic | 479 | 20 | 201 | 7 | 247 | 51\% | 94 | 46\% |
| Native American | 14 | 1 | 6 | 0 | 7 | 50\% | 3 | 43\% |
| Other | 54 | 2 | 76 | 2 | 29 | 54\% | 45 | 58\% |
| Pacific Islander | 34 | 1 | 34 | 1 | 22 | 65\% | 23 | 66\% |
| White | 608 | 25 | 526 | 17 | 386 | 63\% | 368 | 68\% |
| *Unrecorded | 399 | 17 | 590 | 19 | 253 | 62\% | 433 | 70\% |
| Total | 2,392 | 100 | 3,041 | 100 | 1,402 | 58\% | 2,057 | 66\% |

