

## Math Transitions

### Introduction

This report is the result of a request by a local math PLC. The tables may provide an indication of the degree of alignment between high school and community college math curricula.

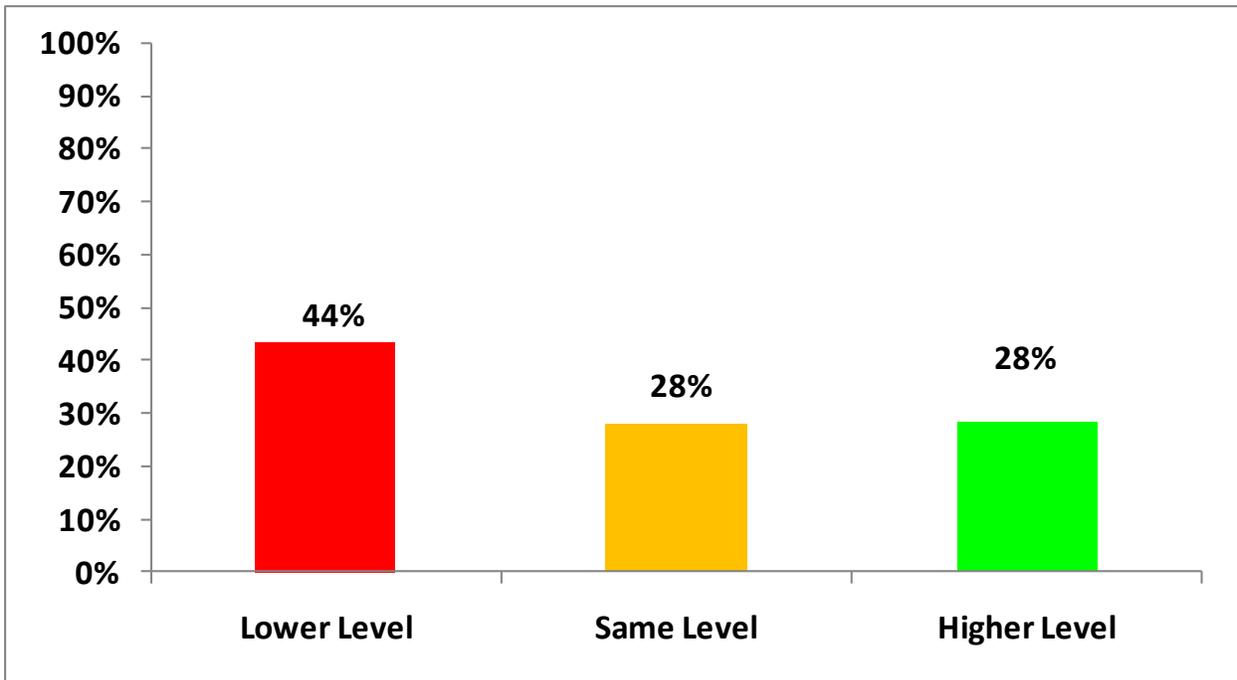
- Charts and Tables 1 and 2 present an overall view of math transitions from a local high school district to a local community college district.
- Data were available from 1998–99 through 2009–10 for the high school districts, and data from summer 1999 through spring 2009 were used for the community college. Concurrent enrollments, in which the student enrolls in a community college course while still a high school student, were not used.
- Tables should be read row wise by selecting a high school math level and reading across that row to see what percent of those students took a given level of math in community college as their next math course (Table 1) and their success rate in that course (Table 2).
- Success is defined as earning a grade of C or better.
- Please note that the categories have been assigned by research staff and will need to be verified by local faculty. Tables 3 and 4 are provided for this purpose.

### Summary

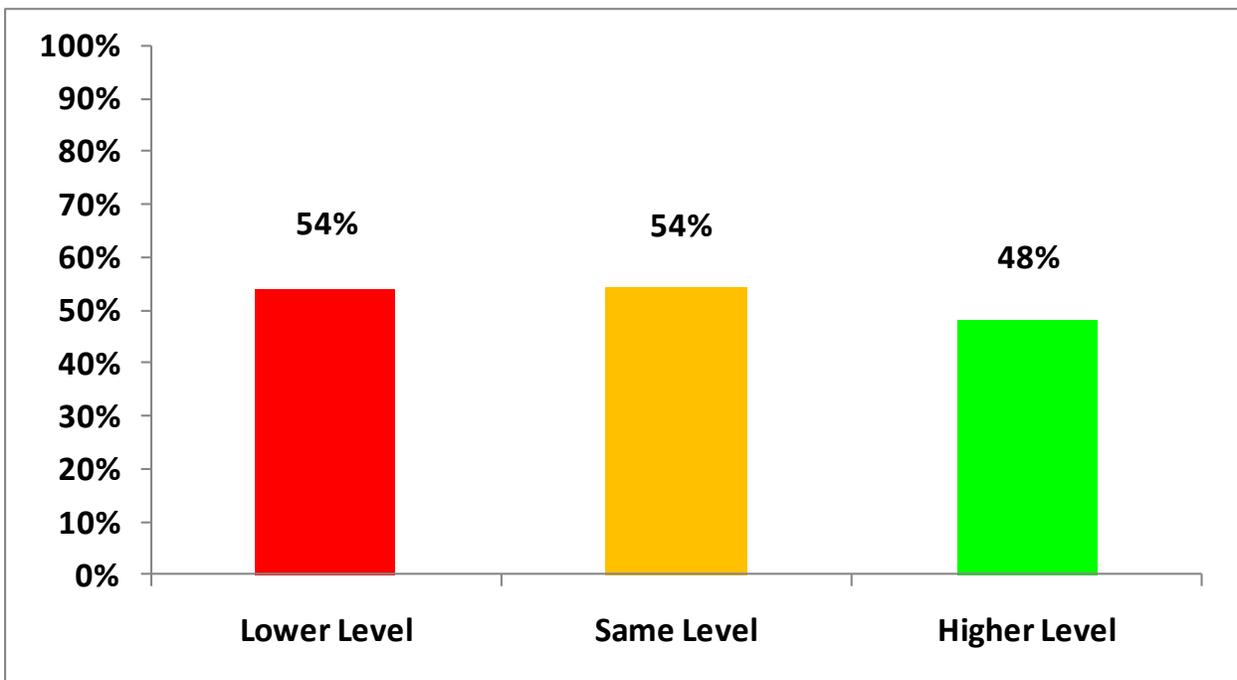
- **Overall**, compared with the highest level math course attempted in high school:
  - 44% of the cohorts' first attempted CC math courses were of a lower level,
  - 28% of the cohorts' first attempted CC math courses were of an equal level, and
  - 28% of the cohorts' first attempted CC math courses were of a higher level.
- In their first CC math course attempt, 52% of students were successful.

Note: Percentages may not sum to 100% due to rounding.

**Chart 1. Math Transition From High School to Community College-Overall**



**Chart 2. Success Rates for Math Transition-Overall**



**Table 1. Math Transition From High School to Community College-Overall**

|   |                    | First math class attempted in community college |         |         |     |         |               |          |      |         | Total |       |
|---|--------------------|---|---------|---------|-----|---------|---------------|----------|------|---------|-------|-------|
|   |                    | Basic Math                                      | Pre-Alg | Beg Alg | Geo | Int Alg | Stats/ Finite | Pre-Calc | Calc | Lin Alg | %     | Count |
| Highest level of math successfully completed in high school | Basic Math         | 25%   | 25%     | 30%     | -   | 17%     | 2%            | 0%       | *    | *       | 100%  | 1452  |
|   | Pre-Alg            | 50%   | 33%     | *       | -   | -       | -             | -        | -    | -       | 100%  | 24    |
|   | Beg Alg            | 21%   | 26%     | 32%     | -   | 17%     | 2%            | 0%       | *    | -       | 100%  | 1764  |
|   | Geo                | 12%   | 20%     | 37%     | 0%  | 22%     | 6%            | 2%       | 1%   | 0%      | 100%  | 2380  |
|   | Int Alg            | 4%  | 9%      | 30%     | *   | 37%     | 16%           | 3%       | 1%   | *       | 100%  | 2720  |
|   | Stats/ Finite      | *   | *       | 16%     | -   | 50%     | 22%           | 7%       | *    | *       | 100%  | 174   |
|   | Pre-Calc           | 1%  | 1%      | 8%      | *   | 27%     | 39%           | 17%      | 6%   | 1%      | 100%  | 1355  |
|   | Calc               | -   | -       | *       | *   | 6%      | 35%           | 20%      | 23%  | 15%     | 100%  | 212   |
|   | %                  | 12%   | 15%     | 28%     | 0%  | 25%     | 13%           | 4%       | 2%   | 1%      |       |       |
|   | <b>Total Count</b> | 1163  | 1548    | 2853    | 9   | 2545    | 1295          | 445      | 170  | 53      |       | 10081 |

\* between 1 and 4 students; dashes (-) indicate zero students

Note: Percentages may not sum to 100% due to rounding.

**Table 2. Success Rates for Math Transition-Overall**

|   |               | First math class attempted in community college |         |         |     |         |               |          |      |         | Total |
|---|---------------|---|---------|---------|-----|---------|---------------|----------|------|---------|-------|
|   |               | Basic Math                                      | Pre-Alg | Beg Alg | Geo | Int Alg | Stats/ Finite | Pre-Calc | Calc | Lin Alg |       |
| Highest level of math successfully completed in high school | Basic Math    | 43%   | 41%     | 33%     | -   | 37%     | 66%           | 43%      | *    | *       | 39%   |
|   | Pre-Alg       | 25%   | 25%     | *       | -   | -       | -             | -        | -    | -       | 33%   |
|   | Beg Alg       | 40%   | 51%     | 35%     | -   | 46%     | 60%           | 83%      | *    | -       | 43%   |
|   | Geo           | 51%   | 55%     | 40%     | 20% | 46%     | 64%           | 64%      | 67%  | 40%     | 47%   |
|   | Int Alg       | 61%   | 68%     | 59%     | *   | 56%     | 61%           | 57%      | 61%  | *       | 59%   |
|   | Stats/ Finite | *   | *       | 63%     | -   | 66%     | 85%           | 85%      | *    | *       | 70%   |
|   | Pre-Calc      | 44%   | 80%     | 72%     | *   | 73%     | 72%           | 62%      | 60%  | 56%     | 69%   |
|   | Calc          | -   | -       | *       | *   | 58%     | 72%           | 77%      | 69%  | 84%     | 74%   |
|   | <b>Total</b>  | 45%   | 53%     | 45%     | 33% | 54%     | 67%           | 63%      | 62%  | 75%     | 52%   |

\* between 1 and 4 students; dashes (-) indicate zero students

**Red** = transitioned down at least one level from high school to community college

**Yellow** = stayed at same level in community college as in high school

**Green** = transitioned up at least one level from high school to community college

**Table 4. Math Rankings for High School Math Courses**

| Math Ranking | CBEDS | Course Title          | N   |
|--------------|-------|-----------------------|-----|
| Basic Math   | 2400  | ALGEBRA A (SEM2)      | *   |
| Basic Math   | 2400  | ALGEBRA B (SEM2)      | *   |
| Basic Math   | 2400  | DIPLOMA MATH          | 66  |
| Basic Math   | 2400  | GEN MATH              | *   |
| Basic Math   | 2400  | LV MATH IA            | 11  |
| Basic Math   | 2400  | LV MATH IB            | 19  |
| Basic Math   | 2400  | MAT                   | *   |
| Basic Math   | 2400  | MATH                  | 42  |
| Basic Math   | 2400  | MATH 9                | *   |
| Basic Math   | 2400  | MATH PROF             | *   |
| Basic Math   | 2400  | MATH SUPPORT          | 23  |
| Basic Math   | 2400  | MATH(GENRL)           | *   |
| Basic Math   | 2400  | TECH PREP MATH        | 296 |
| Basic Math   | 2400  | TECH PREP MATH1       | 48  |
| Basic Math   | 2400  | WICAT MATH            | 9   |
| Basic Math   | 2401  | BUSINESS MATH         | *   |
| Basic Math   | 2401  | CHEMISTRY P PLUS      | *   |
| Basic Math   | 2401  | ESNTL MATH            | 6   |
| Basic Math   | 2401  | MATH 4 LIV I          | 127 |
| Basic Math   | 2401  | MATH 4 LIV II         | 134 |
| Basic Math   | 2401  | MATH FOR LVNG I       | 7   |
| Basic Math   | 2401  | MATH FR LVNG I        | *   |
| Basic Math   | 2401  | MATH FR LVNG II       | *   |
| Basic Math   | 2402  | ALG                   | *   |
| Basic Math   | 2402  | ALG SPT A             | *   |
| Basic Math   | 2402  | CAH                   | *   |
| Basic Math   | 2402  | CAHSEE MATHSPTB       | *   |
| Basic Math   | 2402  | CAHSEE SUPPORT        | 6   |
| Basic Math   | 2402  | CAHSEEMATHPREPA       | *   |
| Basic Math   | 2402  | CAHSEEMATHPREPB       | *   |
| Basic Math   | 2402  | DIPLOMA MATH          | 8   |
| Basic Math   | 2402  | DIPLOMA MATH (KAPLAN) | 6   |
| Basic Math   | 2402  | GEOM ST 1B            | 11  |
| Basic Math   | 2402  | HSE                   | 106 |
| Basic Math   | 2402  | HSEEMATH A            | 26  |
| Basic Math   | 2402  | HSEEMATH B            | 28  |
| Basic Math   | 2402  | L.C. MATH             | *   |
| Basic Math   | 2402  | MATH PRFCNCY          | *   |
| Basic Math   | 2402  | MATH REVIEW           | 72  |
| Basic Math   | 2402  | MATH SUPPORT          | *   |
| Basic Math   | 2420  | MATH A                | 37  |
| Basic Math   | 2420  | MATH A EP             | 7   |

| Math Ranking      | CBEDS | Course Title       | N   |
|-------------------|-------|--------------------|-----|
| Basic Math        | 2420  | MATH A SHL         | *   |
| Basic Math        | 2421  | DIPLOMA MATH PLUS  | *   |
| Basic Math        | 2421  | MATH B             | 32  |
| Basic Math        | 2421  | MATH B SHL         | 8   |
| Basic Math        | 2421  | US HISTORY P PLUS  | *   |
| Basic Math        | 2488  | CAHSEEPREP         | *   |
| Basic Math        | 2488  | HSEEPREPEA         | *   |
| Basic Math        | 2488  | HSEEPREPEB         | *   |
| Basic Math        | 2488  | HSEEPREPMA         | *   |
| Basic Math        | 2488  | HSEEPREPMB         | *   |
| Basic Math        | 2498  | AP MATH A          | *   |
| Basic Math        | 2498  | AP MATH B          | *   |
| Basic Math        | 2498  | CAHSEE MTH         | 7   |
| Basic Math        | 2498  | CAHSEE REV MATH    | 27  |
| Basic Math        | 2498  | INT MATH A         | 38  |
| Basic Math        | 2498  | INT MATH B         | 125 |
| Basic Math        | 2498  | INTEGRTD MATH A    | 10  |
| Basic Math        | 2498  | INTEGRTD MATH B    | 36  |
| Basic Math        | 2498  | MASTDIBSLA         | *   |
| Basic Math        | 2498  | MASTDIBSLB         | *   |
| Basic Math        | 2498  | PRBLM SLVG STRATEG | *   |
| Basic Math        | 6098  | NUMERICS(MATH)     | *   |
| Basic Math        | 6098  | SI MATH            | *   |
| Pre-Algebra       | 2424  | ALGEBRA-PRE        | 9   |
| Pre-Algebra       | 2424  | PEP/PRE ALG B 8    | *   |
| Pre-Algebra       | 2424  | PRE-ALGEBRA        | 14  |
| Beginning Algebra | 2403  | ALG                | 94  |
| Beginning Algebra | 2403  | ALG 1A             | *   |
| Beginning Algebra | 2403  | ALG 1A P           | 14  |
| Beginning Algebra | 2403  | ALG 1B P           | 32  |
| Beginning Algebra | 2403  | ALG 1P             | 65  |
| Beginning Algebra | 2403  | ALG 1P (SEM2)      | *   |
| Beginning Algebra | 2403  | ALG A/B            | *   |
| Beginning Algebra | 2403  | ALG I EP           | *   |
| Beginning Algebra | 2403  | ALG I SHL P        | 13  |
| Beginning Algebra | 2403  | ALG IP             | 247 |
| Beginning Algebra | 2403  | ALG IP (SEM2)      | *   |
| Beginning Algebra | 2403  | ALGEBRA 1          | 34  |
| Beginning Algebra | 2403  | ALGEBRA 1 B P      | *   |
| Beginning Algebra | 2403  | ALGEBRA A          | 143 |
| Beginning Algebra | 2403  | ALGEBRA A SHEL     | *   |
| Beginning Algebra | 2403  | ALGEBRA B          | 58  |
| Beginning Algebra | 2403  | ALGEBRA B SHEL     | *   |

| Math Ranking      | CBEDS | Course Title       | N   |
|-------------------|-------|--------------------|-----|
| Beginning Algebra | 2403  | ALGEBRA I          | 115 |
| Beginning Algebra | 2403  | ALGEBRA I - 9      | 182 |
| Beginning Algebra | 2403  | ALGEBRA I P        | 13  |
| Beginning Algebra | 2403  | ALGEBRA L          | 124 |
| Beginning Algebra | 2403  | L.C. MATH          | *   |
| Beginning Algebra | 2403  | RSP ALGEBRA I      | *   |
| Beginning Algebra | 2403  | SEI ALG 1P         | *   |
| Beginning Algebra | 2403  | SEI ALG I P        | 13  |
| Beginning Algebra | 2403  | SEI ALGEBRA A      | 9   |
| Beginning Algebra | 2403  | SEI ALGEBRA B      | *   |
| Beginning Algebra | 2418  | ALGEBRA B IND STUD | *   |
| Beginning Algebra | 2418  | IS ALG I           | 8   |
| Beginning Algebra | 2418  | IS LV MTH IA       | *   |
| Beginning Algebra | 2418  | IS LV MTH IB       | *   |
| Beginning Algebra | 2418  | IS MATH            | 28  |
| Beginning Algebra | 2418  | IS MATH A          | *   |
| Beginning Algebra | 2418  | IS MATH B          | *   |
| Beginning Algebra | 2425  | INT. MATH 1        | *   |
| Beginning Algebra | 2425  | INTEG MATH         | 13  |
| Beginning Algebra | 2425  | INTEG MATH I       | 17  |
| Beginning Algebra | 2428  | ALG                | 9   |
| Beginning Algebra | 2428  | ALG STD 1A         | *   |
| Beginning Algebra | 2428  | ALG STD 1B         | 6   |
| Beginning Algebra | 2428  | ALGEBRA A          | 98  |
| Beginning Algebra | 2428  | ALGEBRA A - 9      | 22  |
| Beginning Algebra | 2428  | ALGEBRA I - 9      | *   |
| Beginning Algebra | 2428  | ALGEBRA I P(A)     | *   |
| Beginning Algebra | 2428  | ALS                | *   |
| Beginning Algebra | 2429  | ALG                | 38  |
| Beginning Algebra | 2429  | ALG B P (SEM1)     | *   |
| Beginning Algebra | 2429  | ALG STD 2A         | *   |
| Beginning Algebra | 2429  | ALG STD 2B         | 11  |
| Beginning Algebra | 2429  | ALGEBRA B          | 254 |
| Beginning Algebra | 2429  | ALGEBRA B - 9      | 40  |
| Beginning Algebra | 2429  | ALGEBRA B P        | 7   |
| Beginning Algebra | 2429  | ALGSTND 2 A ALT    | *   |
| Beginning Algebra | 2429  | ALGSTND 2 B ALT    | *   |
| Beginning Algebra | 2429  | ALST2BALT          | *   |
| Beginning Algebra | 2498  | ALGEBRA I REV      | *   |
| Beginning Algebra | 6098  | SI ALGEBRA I       | *   |
| Geometry          | 2405  | FNCTNL GMTRY       | 148 |
| Geometry          | 2405  | GEO                | 432 |
| Geometry          | 2405  | GEOM HP            | 20  |

| Math Ranking | CBEDS | Course Title              | N   |
|--------------|-------|---------------------------|-----|
| Geometry     | 2405  | GEOM SHL P                | *   |
| Geometry     | 2405  | GEOMETRY 9                | *   |
| Geometry     | 2405  | GEOMETRY E                | *   |
| Geometry     | 2405  | GEOMETRY P                | 427 |
| Geometry     | 2405  | GEOMETRY YL               | *   |
| Geometry     | 2405  | GMTRY FNCTNL              | 19  |
| Geometry     | 2405  | GMTRY PLANE               | 74  |
| Geometry     | 2405  | GMTRY PLANE E             | *   |
| Geometry     | 2405  | PLANE GEOMETRY            | *   |
| Geometry     | 2405  | PLANE GMTRY               | 308 |
| Geometry     | 2405  | PLANE GMTRY 9             | 132 |
| Geometry     | 2405  | PLANE GMTRY H             | 31  |
| Geometry     | 2405  | SEI GEOM P                | 11  |
| Geometry     | 2406  | GEOMETRY                  | *   |
| Geometry     | 2413  | FNCTNL GMTRY              | 15  |
| Geometry     | 2413  | GEOM 1A                   | *   |
| Geometry     | 2413  | GEOM A P                  | 20  |
| Geometry     | 2413  | GEOM B P                  | 59  |
| Geometry     | 2413  | GEOM H A P                | *   |
| Geometry     | 2413  | GEOM H B P                | 7   |
| Geometry     | 2413  | GEOM HP                   | *   |
| Geometry     | 2413  | GEOM L B P                | *   |
| Geometry     | 2413  | GEOM ST 2A                | 6   |
| Geometry     | 2413  | GEOM ST 2B                | *   |
| Geometry     | 2413  | GEOM STDS 2A P            | *   |
| Geometry     | 2413  | GEOM STDS 2B P            | 6   |
| Geometry     | 2413  | GEOMETRY                  | 344 |
| Geometry     | 2413  | GEOMETRY A                | *   |
| Geometry     | 2413  | GEOMETRY A P              | *   |
| Geometry     | 2413  | GEOMETRY B P              | *   |
| Geometry     | 2413  | GEOMETRY H B P            | *   |
| Geometry     | 2413  | GEOMETRY L B P            | *   |
| Geometry     | 2413  | GEOMETRY P                | 111 |
| Geometry     | 2413  | GEOMETRY P-CLOSED SECTION | *   |
| Geometry     | 2413  | GEOMIB B P                | *   |
| Geometry     | 2413  | GEOSTD2A P                | 22  |
| Geometry     | 2413  | GEOSTD2B P                | 54  |
| Geometry     | 2413  | GEOSTDS 2A                | *   |
| Geometry     | 2413  | LOGIC(GEOM)               | *   |
| Geometry     | 2413  | PLANE GMTRY               | *   |
| Geometry     | 2413  | SEI GEOMP                 | *   |
| Geometry     | 2426  | INT. MATH 2               | *   |
| Geometry     | 2426  | INTEG MATH II             | 20  |

| Math Ranking           | CBEDS | Course Title     | N   |
|------------------------|-------|------------------|-----|
| Geometry               | 2498  | GEOM ST 1A       | 12  |
| Geometry               | 2498  | GEOM STD         | *   |
| Geometry               | 2498  | GEOM STDS 1A     | *   |
| Geometry               | 2498  | GEOSTD 1A        | 10  |
| Geometry               | 2498  | GEOSTD 1B        | 27  |
| Geometry               | 2498  | GEOSTD1BL        | *   |
| Intermediate Algebra   | 2404  | ALG              | 349 |
| Intermediate Algebra   | 2404  | ALG 2A           | *   |
| Intermediate Algebra   | 2404  | ALG 2A P         | 56  |
| Intermediate Algebra   | 2404  | ALG 2B P         | 194 |
| Intermediate Algebra   | 2404  | ALG II HP        | 24  |
| Intermediate Algebra   | 2404  | ALG II P         | 414 |
| Intermediate Algebra   | 2404  | ALG II SHL P     | *   |
| Intermediate Algebra   | 2404  | ALG IIHP         | 15  |
| Intermediate Algebra   | 2404  | ALG2 H A P       | 7   |
| Intermediate Algebra   | 2404  | ALG2 H B P       | 31  |
| Intermediate Algebra   | 2404  | ALG2ALP          | *   |
| Intermediate Algebra   | 2404  | ALG2BLP          | *   |
| Intermediate Algebra   | 2404  | ALG2IB B P       | *   |
| Intermediate Algebra   | 2404  | ALG2MYP AP       | *   |
| Intermediate Algebra   | 2404  | ALGEBRA 11 P EHS | *   |
| Intermediate Algebra   | 2404  | ALGEBRA 2        | 561 |
| Intermediate Algebra   | 2404  | ALGEBRA 2 A P    | 8   |
| Intermediate Algebra   | 2404  | ALGEBRA 2 B P    | 24  |
| Intermediate Algebra   | 2404  | ALGEBRA 2 H B P  | 11  |
| Intermediate Algebra   | 2404  | ALGEBRA 2A       | *   |
| Intermediate Algebra   | 2404  | ALGEBRA II       | 873 |
| Intermediate Algebra   | 2404  | ALGEBRA II - A   | *   |
| Intermediate Algebra   | 2404  | ALGEBRA II A     | 95  |
| Intermediate Algebra   | 2404  | ALGEBRA II B     | *   |
| Intermediate Algebra   | 2404  | ALGEBRA II E     | 30  |
| Intermediate Algebra   | 2404  | Q2 ALG II P      | *   |
| Intermediate Algebra   | 2404  | SEI ALG II P     | *   |
| Intermediate Algebra   | 2404  | SEI ALG IIP      | *   |
| Intermediate Algebra   | 2460  | MATHSTDIBSL B P  | *   |
| Statistics/Finite Math | 2410  | STA              | 13  |
| Statistics/Finite Math | 2410  | STAT A P         | *   |
| Statistics/Finite Math | 2410  | STAT B P         | 11  |
| Statistics/Finite Math | 2410  | STATISTICS       | 31  |
| Statistics/Finite Math | 2410  | STATISTICS A P   | *   |
| Statistics/Finite Math | 2410  | STATISTICS B P   | 7   |
| Statistics/Finite Math | 2483  | AP STATISTICS    | 65  |
| Statistics/Finite Math | 2483  | AP STATISTICS A  | 17  |

| Math Ranking           | CBEDS | Course Title       | N   |
|------------------------|-------|--------------------|-----|
| Statistics/Finite Math | 2483  | AP STATISTICS B    | *   |
| Statistics/Finite Math | 2483  | STA                | 7   |
| Statistics/Finite Math | 2483  | STAT AP AP         | *   |
| Statistics/Finite Math | 2483  | STAT AP BP         | 9   |
| Statistics/Finite Math | 2483  | STATS AP B P       | *   |
| Pre-Calculus           | 2407  | F                  | *   |
| Pre-Calculus           | 2407  | TRG                | 48  |
| Pre-Calculus           | 2407  | TRGPCALHAP         | 12  |
| Pre-Calculus           | 2407  | TRGPCALHBP         | 37  |
| Pre-Calculus           | 2407  | TRGPCALIBB         | *   |
| Pre-Calculus           | 2407  | TRGPRECAL A P      | 7   |
| Pre-Calculus           | 2407  | TRGPRECAL B P      | 10  |
| Pre-Calculus           | 2407  | TRGPRECAL H A P    | *   |
| Pre-Calculus           | 2407  | TRGPRECAL H B P    | 16  |
| Pre-Calculus           | 2407  | TRI                | 99  |
| Pre-Calculus           | 2407  | TRIG               | 257 |
| Pre-Calculus           | 2407  | TRIG/MATH ANAL HP  | 20  |
| Pre-Calculus           | 2407  | TRIG/MATH ANAL P   | 90  |
| Pre-Calculus           | 2407  | TRIG/MATH ANALY    | 369 |
| Pre-Calculus           | 2407  | TRIG/MATH ANALYSIS | 24  |
| Pre-Calculus           | 2407  | TRIGPCALAP         | 26  |
| Pre-Calculus           | 2407  | TRIGPCALBP         | 68  |
| Pre-Calculus           | 2407  | TRP                | *   |
| Pre-Calculus           | 2408  | ALGEBRA II         | *   |
| Pre-Calculus           | 2414  | MATH ANAL E        | 29  |
| Pre-Calculus           | 2414  | MATH ANALYS E      | 33  |
| Pre-Calculus           | 2414  | MATH ANALYSIS      | 126 |
| Pre-Calculus           | 2414  | PRE-CALCULUS       | 20  |
| Pre-Calculus           | 2414  | PRE-CALCULUS HP    | 10  |
| Pre-Calculus           | 2414  | PRE-CALCULUS P     | 36  |
| Calculus               | 2415  | CALCULUS P         | 11  |
| Calculus               | 2415  | HONCALCULUSAB      | 17  |
| Calculus               | 2415  | HONCALCULUSBC      | 12  |
| Calculus               | 2480  | AP CALCULUS        | 21  |
| Calculus               | 2480  | AP CALCULUS AB     | 44  |
| Calculus               | 2480  | AP CALCULUS AB1    | *   |
| Calculus               | 2480  | AP CALCULUS AB2    | *   |
| Calculus               | 2480  | AP CALCULUS BC     | 13  |
| Calculus               | 2480  | CAL                | 29  |
| Calculus               | 2480  | CALC AB AP A P     | *   |
| Calculus               | 2480  | CALC AB AP B P     | 8   |
| Calculus               | 2480  | CALCABAPAP         | 6   |
| Calculus               | 2480  | CALCABAPBP         | 16  |

| Math Ranking | CBEDS | Course Title    | N     |
|--------------|-------|-----------------|-------|
| Calculus     | 2480  | CALCIBSL B      | *     |
| Calculus     | 2480  | CALCULU AP      | 6     |
| Calculus     | 2480  | CALCULUS AP     | 11    |
| Calculus     | 2480  | MATHIBSLAP      | *     |
| Calculus     | 2480  | MATHIBSLBP      | *     |
| Calculus     | 2481  | AP CALCULUS BC  | *     |
| Calculus     | 2481  | AP CALCULUS BC1 | *     |
| Calculus     | 2481  | CAL             | *     |
| Calculus     | 2481  | CALCBCAPBP      | *     |
| Total        |       |                 | 10081 |

\* between 1 and 4 students

**Table 4. Math Ranking for Community College Math Courses**

| Math Rank              | Course ID  | Course Title                                    | N     |
|------------------------|------------|---|-------|
| Basic Math             | MATH-942   | Arithmetic                                      | 1106  |
| Basic Math             | MATH-942A  | Vocational Arithmetic: Whole Numbers            | 25    |
| Basic Math             | MATH-942B  | Vocational Arithmetic: Fractions and Decimals   | *     |
| Basic Math             | MATH-943X2 | Review Arithmetic Topics                        | 31    |
| Pre-Algebra            | MATH-952   | Prealgebra                                      | 1531  |
| Pre-Algebra            | MATH-952A  | Prealgebra: Integers                            | 14    |
| Pre-Algebra            | MATH-952C  | Prealgebra: Exponents and Linear Equations      | *     |
| Pre-Algebra            | MATH-952D  | Prealgebra: Decimals Percent and Ratios         | *     |
| Pre-Algebra            | MATH-953X2 | Review of Selected Prealgebra Topics            | *     |
| Beginning Algebra      | MATH-090   | Elementary Algebra                              | 2845  |
| Beginning Algebra      | MATH-090A  | Elementary Algebra Part A                       | *     |
| Beginning Algebra      | MATH-090B  | Elementary Algebra Part B                       | *     |
| Geometry               | MATH-093   | Plane Geometry                                  | 9     |
| Intermediate Algebra   | MATH-095   | Intermediate Algebra                            | 2532  |
| Intermediate Algebra   | MATH-095A  | Intermediate Algebra Part A                     | 8     |
| Intermediate Algebra   | MATH-095B  | Intermediate Algebra Part B                     | *     |
| Statistics/Finite Math | MATH-102   | College Algebra                                 | 959   |
| Statistics/Finite Math | MATH-108   | Introduction to Probability and Statistics      | 200   |
| Statistics/Finite Math | MATH-115   | Ideas of Mathematics                            | 119   |
| Statistics/Finite Math | PSYCH-108  | Statistics                                      | 17    |
| Pre-Algebra            | MATH 103   | Plane Trigonometry                              | *     |
| Pre-Calculus           | MATH 151   | Precalculus                                     | *     |
| Pre-Calculus           | MATH-103   | Plane Trigonometry                              | 196   |
| Pre-Calculus           | MATH-151   | Precalculus                                     | 247   |
| Calculus               | MATH-250   | Single Variable Calculus I                      | 158   |
| Calculus               | MATH-252   | Multivariable Calculus                          | 12    |
| Linear Algebra         | MATH-251   | Single Variable Calculus II                     | 47    |
| Linear Algebra         | MATH-265   | Linear Algebra                                  | *     |
| Linear Algebra         | MATH-266   | Introduction to Ordinary Differential Equations | *     |
| Total                  |            |   | 10081 |

\* between 1 and 4 students