## Course Success Rates and Enrollment - Math

Statistics, Liberal Arts, Teacher Prep Math Courses: Math-010A, -025, -045


## Course Success Rates and Enrollment - Math

## STEM Math Courses: Math-001A, -015, -064, -065



## What is a Throughput Rate? Tracking from a Cohort Point


*Throughput is calculated only for students that have not fulfilled the first transfer level course within a subject. I.E., students cleared to enroll directly into ENG-001B, MATH-010B, and MATH-001B or higher are not included

## Math Throughput to Transfer Level Coursework

| WHC Lemoore Throughput From First Fall Math Attempt |  |  |  |  |  |  |  |  |  | Almost Finalized <br> First Year Implementation |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 2015/FA |  | 2016/FA |  | 2017/FA |  | 2018/FA |  | 2019/FA |  |
| First Math Pathway | Concurrent Support Flag | Undup. Headcount | Throughput Rate | Undup. Headcount | Throughput Rate | Undup. Headcount | Throughput Rate | Undup. Headcount | Throughput, Rate | Undup. I Headcount | Throughput Rate |
| Overall |  | 652 | 18.1\% | 660 | 16.8\% | 631 | 19.0\% | 694 | 27.8\% | 1 531 | 51.8\% |
| SLAMTP | Standalone | 102 | 65.7\% | 60 | 83.3\% | 101 | 67.3\% | 224 | 63.8\% | 1251 | 65.7\% |
|  | Enrolled in Support |  |  |  |  |  |  |  |  | 130 | 54.6\% |
| STEM | Standalone | 35 | 57.1\% | 30 | 46.7\% | 17 | 58.8\% | 28 | 67.9\% | 129 | 72.4\% |
|  | Enrolled in Support |  |  |  |  |  |  |  |  | 15 | 33.3\% |
| Post AB705 Algebra | Standalone |  |  |  |  |  |  |  |  | 106 | 12.3\% |
| Pre-AB705 Below T.. | Standalone | 515 | 6.0\% | 570 | 8.2\% | 513 | 8.2\% | 442 | 7.0\% |  |  |

- Throughput rate tripled in four years
- Need to look at the various possible pathways for students in post-AB 705 algebra


## WHC Lemoore Throughput From First Fall English Attempt: DSPS




- Number of DSPS attempting English has remained stable
- Throughput rate has doubled
- Additional work is needed to look at throughput by disability type

WHC Lemoore Throughput From First Fall English Attempt: Gender


| DI Flag (Overall as Reference) | Undup. Headcount |
| :--- | :--- | :--- |
| $\left.\begin{array}{l\|l}\text { DI Not Evaluated } & \\ \text { No } & 9 \\ \text { No } & \end{array}\right)$ |  |

- Increase for all students, but equity gaps by gender remain.
- There appear to be fewer males attempting English.

WHC Lemoore Throughput From First Fall English Attempt


\footnotetext{
DI Flag
DI Not Evaluated


- Slight closing of equity gaps by race from '18 to ' 19

WHC Lemoore Throughput From First Fall Math Attempt: DSPS


DI Flag (Overall as Reference) Undup. Headcount|  |
| :--- |
| 26 |

- Large increase in throughput for DSPS students, but equity gap remains virtually unchanged

WHC Lemoore Throughput From First Fall Math Attempt: Gender


- Persistent gender gap of approximately $4 \%$ in spite of overall increased throughput

| Student Term | Report Ethnicity | Reference Group | n-size |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2017/FA | Filipino |  | 15 |  | 31.7\% | 53.3\% |  |
|  | Asian |  | 12 |  | 28.4\% | 50.0\% |  |
|  | Unknown/Declined to .. |  | 6 |  | 11.7\% | 33.3\% |  |
|  | White Non-Hispanic | Yes | 134 |  | 0.0\% | 21.6\% |  |
|  | Two or More Races |  | 20 | -1.6\% |  | 20.0\% |  |
|  | Hispanic |  | 417 | -4.9\% |  | 16.8\% |  |
|  | African-American |  | 23 | -17.3\% |  | 4.3\% |  |
|  | Pacific Islander |  | 1 | -21.6\% |  | 0.0\% |  |
|  | American Indian/ Alas.. |  | 3 | -21.6\% |  | 0.0\% |  |
| 2018/FA | Asian |  | 12 |  | 27.0\% | 58.3\% |  |
|  | Filipino |  | 11 |  | 23.2\% | 54.5\% |  |
|  | White Non-Hispanic | Yes | 134 |  | 0.0\% | 31.3\% |  |
|  | Two or More Races |  | 14 | -2.8\% |  | 28.6\% |  |
|  | Hispanic |  | 489 | -5.0\% |  | 26.4\% |  |
|  | American Indian/ Alas.. |  | 5 | -11.3\% |  | 20.0\% |  |
|  | African-American |  | 27 | -16.5\% |  | 14.8\% |  |
|  | Unknown/Declined to .. |  | 1 | -31.3\% |  | 0.0\% |  |
|  | Pacific Islander |  | 1 | -31.3\% |  | 0.0\% |  |
| 2019/FA | Pacific Islander |  | 4 |  | 47.7\% |  | 100.0\% |
|  | American Indian/ Alas.. |  | 3 |  | 14.4\% | 66.7\% |  |
|  | Filipino |  | 15 |  | 1.1\% | 53.3\% |  |
|  | Hispanic |  | 373 |  | 0.0\% | 52.3\% |  |
|  | White Non-Hispanic | Yes | 88 |  | 0.0\% | 52.3\% |  |
|  | Two or More Races |  | 13 | -6.1\% |  | 46.2\% |  |
|  | African-American |  | 22 | -11.4\% |  | 40.9\% |  |
|  | Asian |  | 5 | -12.3\% |  | 40.0\% |  |
|  | Unknown/Declined to .. |  | 8 | -14.8\% |  | 37.5\% |  |
|  |  |  |  | $\begin{array}{rrr} -40.0 \% & -20.0 \% & 0.0 \% \\ & \text { Percenta } \end{array}$ | \% 20.0\% $40.0 \% \quad 60.0 \%$ tage Point Gap | $\begin{gathered} 0.0 \% \quad 20.0 \% \quad 40.0 \% \quad 60.0 \% \quad 80.0 \% \\ \text { Throughput Rate } \end{gathered}$ | $100.0 \% 120.0 \%$ |


| DI Flag | Undup. Headcount |  |
| :--- | :--- | :--- |
| DI Not Evaluated | $\square$ | 200 |
| $\square$ | 1 |  |

- Fewer and smaller equity gaps
- Hispanic/Latinx students at parity with White students


## Next Steps and what do you want to see?

- AB 705
- Equity in access -
- Are the students entering math and English representative of our student population as a whole?
- Are they representative of our service area?
- Disaggregation by High School GPA Cuts


## Questions?

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Once you go here, you can go ahywhere"

