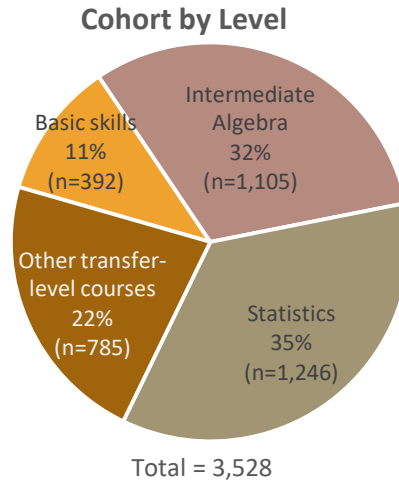
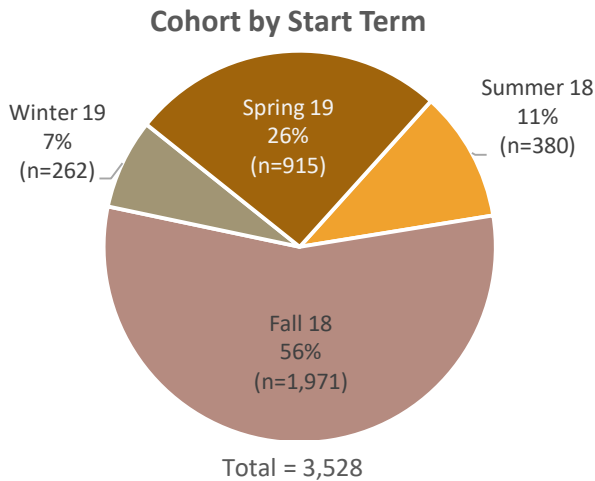


# Transfer-level Math Throughput

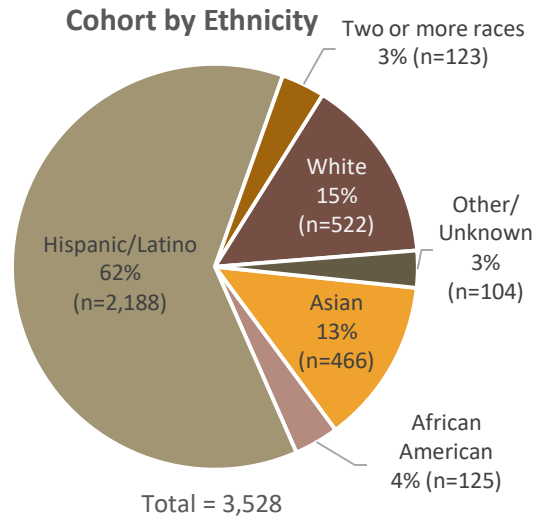
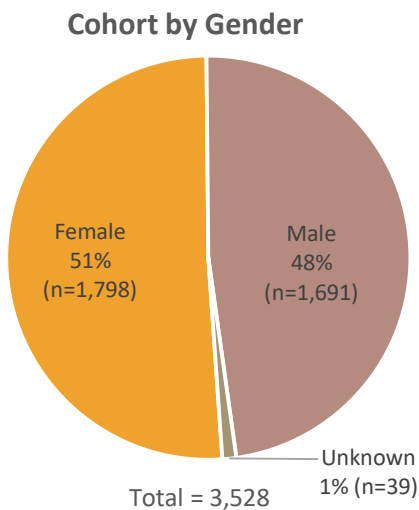
## 2018-19

### I. Math First-Time Cohort

There are 3,528 students who first attempted a math course at Citrus College in 2018-19 academic year (summer 18 through spring 19). More than half of them started in fall 19 and about a quarter started in spring 19. Fifty-seven percent of them attempted transfer level courses (e.g., Statistics or higher). About a third attempted Intermediate Algebra, which is one-level below transfer. Eleven percent attempted basic skills courses (e.g., Pre-statistics or Elementary Algebra).



Demographics of the 2018-19 cohort mirror the collegewide picture, with 51% female and 62% Hispanic/Latino students.

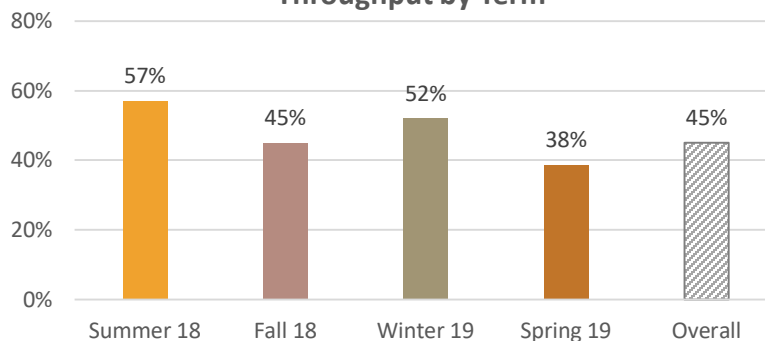


### II. One-year Throughput

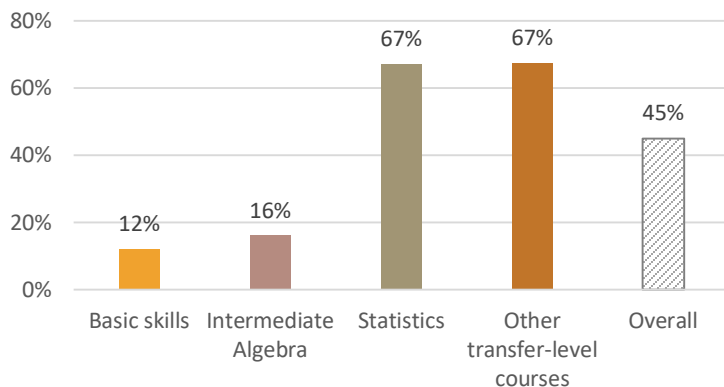
Throughput is defined as the percent of students who first attempted any math course in 2018-19 and successfully completed any transfer-level math course in the same year. The overall one-year throughput rate for the entire cohort is 45%. Throughput rate by term, course level and demographics are showed on page two.

Students who first attempted a math course in summer and winter intersessions achieved higher throughput rate compared to those started in primary semesters. Students who started in spring 19 have lowest throughput rate because they do not have as much time as those who started in prior semesters to complete transfer-level math courses.

**Throughput by Term**



**Throughput by Level**



Students who first attempted basic skills or Intermediate Algebra have low throughput rates. Less than 20% of them were able to complete a transfer level course by the end of 2018-19. Students who started at transfer level were much more likely to complete the transfer-level course. About two thirds of the students who attempted statistics or other transfer level courses successfully completed transfer level math in one year or less.

Female students have higher throughput rate compared to male students. Asian and White students have above-average throughput rate while African American Hispanic/Latino students have below-average throughput rate.

**Throughput by Gender and Ethnicity**

