State of Agriculture, Nutrition, and Culinary Arts Pathway at Bakersfield College

The Agriculture, Nutrition, and Culinary Arts Pathway team focused on getting students to declare their appropriate major, to take 15 or more units their first semester, to complete 30 units their first year, to take transfer-level math and English their first year and graduate and/or complete their program of study with least possible units.

**Five Year Trend, Disaggregated by Demographics**

The chart below is indicative of growth and clarification of major (reviewing student education plans to ensure they are in the correct pathway). The first-time student headcount grew by 148% in the last 5 years.

The following chart shows the greatest growth in our Hispanic/Latinx student population, which is reflective of BC’s overall student population.
The work of our Outreach Office has had an impact on the growth of our 19 and younger student population, as indicated below.

### First-Time Student Headcount for Agriculture, Nutrition, and Culinary Arts Pathway, by Age Group

**Momentum Points**

As indicated, this pathway focused on getting our pathway students take 15 or more units in their first term. Since Fall 2015, which had 10% of Agriculture, Nutrition, and Culinary Arts students taking 15 or more units, to 13% in the Fall of 2018. This is good progress, especially since this cohort includes many students that work fulltime and/or are parents.

### First-Time Agriculture, Nutrition, and Culinary Arts Students Attempting 15+ Units in Their First Term
The focus to get students to take 30 or more units in their first year proved fruitful, as well. The percent of students in this cohort increased from 8% in Fall of 2014 to 10% in the Fall of 2017. Again an increase that was impacted by students working fulltime and/or parents, with limited opportunity to take more units.

The following chart shows that First-Time Agriculture, Nutrition, and Culinary Arts students completing transfer level English and math in their first year remained same. This can be attributed to the fact that many students in this pathway are focused on Certificates of Completion, which may not require college level English or math.
**Actions Taken to Advance the Momentum Points**

The Agriculture, Nutrition, and Culinary Arts Pathway completion coaching community is a great team with passion for this cohort. The team met monthly, continuously reviewed the metrics, followed the Communication Plan, collaborated with the Career Education department on appropriate Career Awareness Days and brought occasional student success stories to the meetings. In addition, representatives from the coaching community met with the industry partners and program advisory committees.

**Looking Ahead at the Next 3 Years**

The Agriculture, Nutrition, and Culinary Arts Pathway is in support of yearlong (if not two years) course scheduling. The team feels strongly that yearlong scheduling would have a positive impact on student progression, retention and completion. This Pathway Team plans on doing more discipline specific career days in collaboration with the Career Education department.