



Las Positas College

**Program Review Discipline Data Packet**

Fall 2014 to Fall 2018

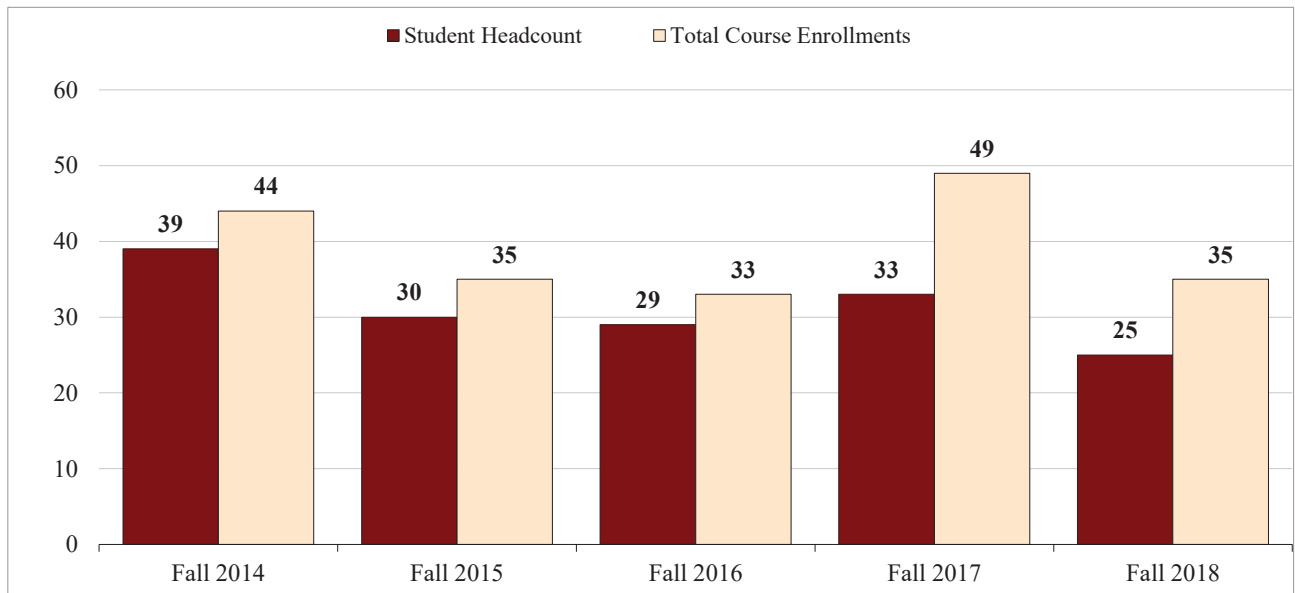
Discipline:

**Horticulture (HORT)**

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## Headcount & Enrollment

| Horticulture ( HORT )    |           |           |           |           |           |
|--------------------------|-----------|-----------|-----------|-----------|-----------|
|                          | Term      |           |           |           |           |
|                          | Fall 2014 | Fall 2015 | Fall 2016 | Fall 2017 | Fall 2018 |
| Student Headcount        | 39        | 30        | 29        | 33        | 25        |
| Total Course Enrollments | 44        | 35        | 33        | 49        | 35        |



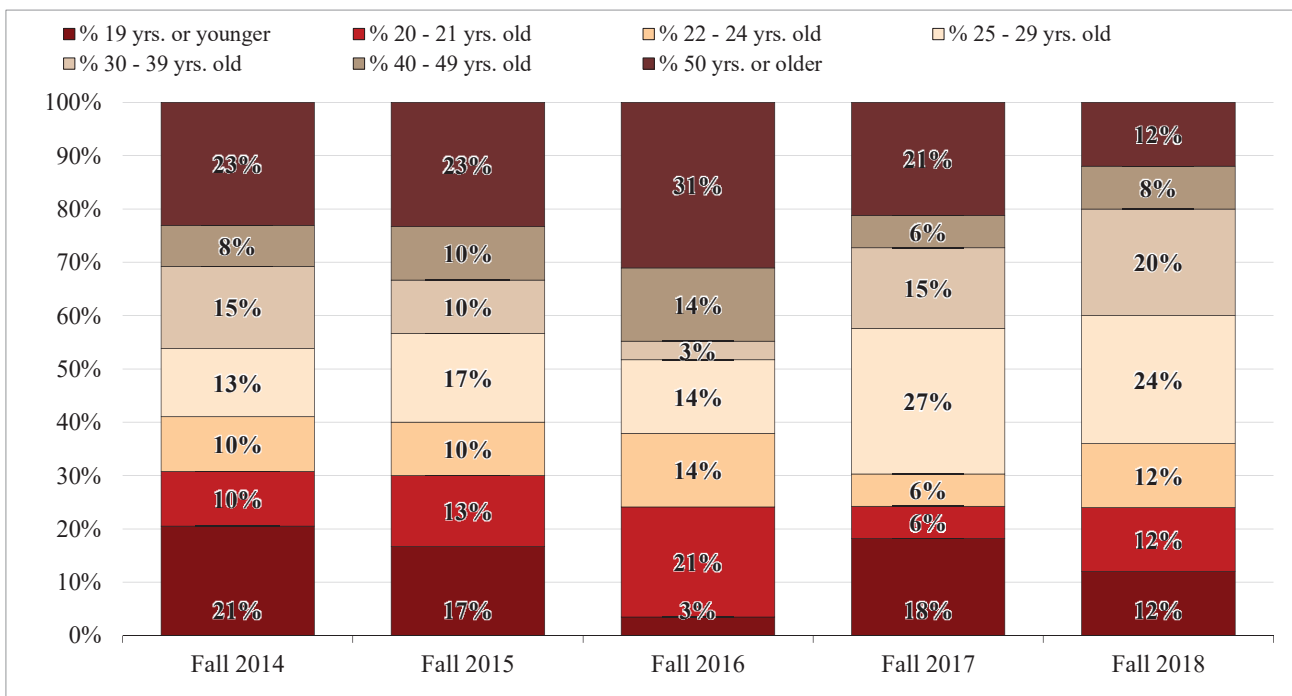
### Definitions:

**Student Headcount** is the unduplicated count of students enrolled in all courses within the discipline.

**Total Course Enrollments** is the sum of all course enrollments (filled seats) within the discipline.

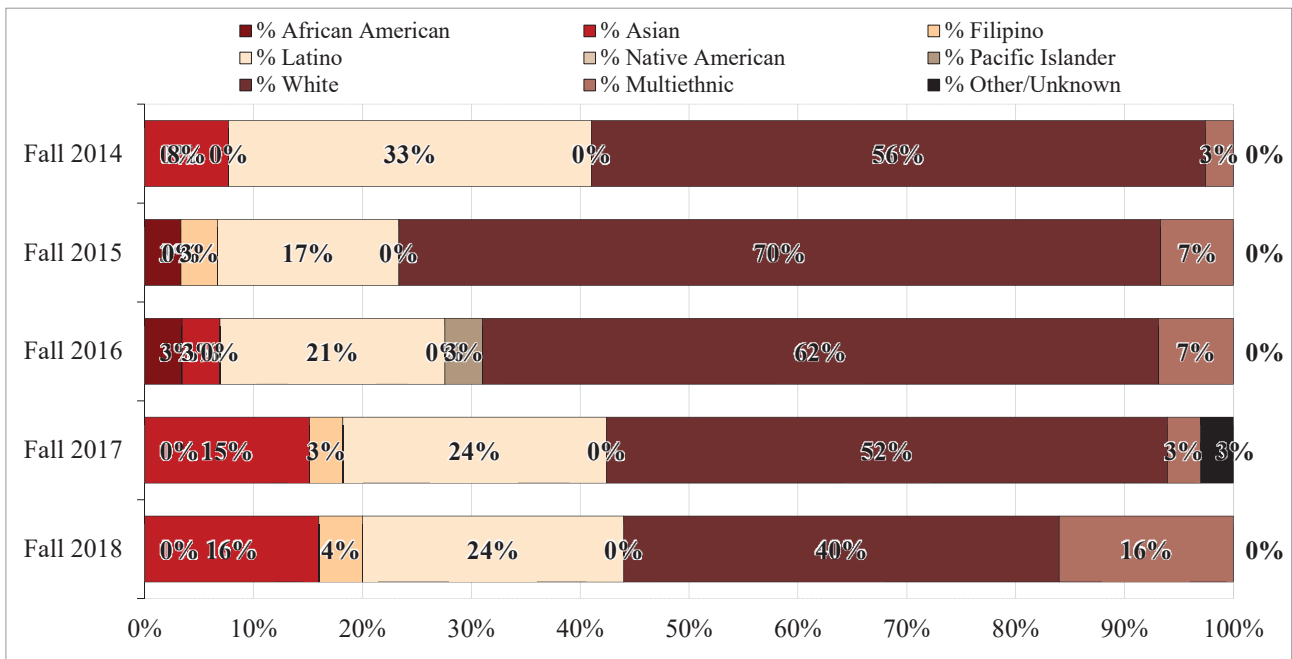
## Student Demographics: Gender & Age

| Horticulture ( HORT ) |           |           |           |           |           |
|-----------------------|-----------|-----------|-----------|-----------|-----------|
|                       | Term      |           |           |           |           |
|                       | Fall 2014 | Fall 2015 | Fall 2016 | Fall 2017 | Fall 2018 |
| Female                | 15        | 16        | 13        | 17        | 12        |
| Male                  | 23        | 13        | 15        | 15        | 13        |
| 19 yrs. or younger    | 8         | 5         | 1         | 6         | 3         |
| 20-21 yrs. old        | 4         | 4         | 6         | 2         | 3         |
| 22-24 yrs. old        | 4         | 3         | 4         | 2         | 3         |
| 25-29 yrs. old        | 5         | 5         | 4         | 9         | 6         |
| 30-39 yrs. old        | 6         | 3         | 1         | 5         | 5         |
| 40-49 yrs. old        | 3         | 3         | 4         | 2         | 2         |
| 50 yrs. or older      | 9         | 7         | 9         | 7         | 3         |
| % Female              | 39%       | 55%       | 46%       | 53%       | 48%       |
| % Male                | 61%       | 45%       | 54%       | 47%       | 52%       |
| % 19 yrs. or younger  | 21%       | 17%       | 3%        | 18%       | 12%       |
| % 20 - 21 yrs. old    | 10%       | 13%       | 21%       | 6%        | 12%       |
| % 22 - 24 yrs. old    | 10%       | 10%       | 14%       | 6%        | 12%       |
| % 25 - 29 yrs. old    | 13%       | 17%       | 14%       | 27%       | 24%       |
| % 30 - 39 yrs. old    | 15%       | 10%       | 3%        | 15%       | 20%       |
| % 40 - 49 yrs. old    | 8%        | 10%       | 14%       | 6%        | 8%        |
| % 50 yrs. or older    | 23%       | 23%       | 31%       | 21%       | 12%       |



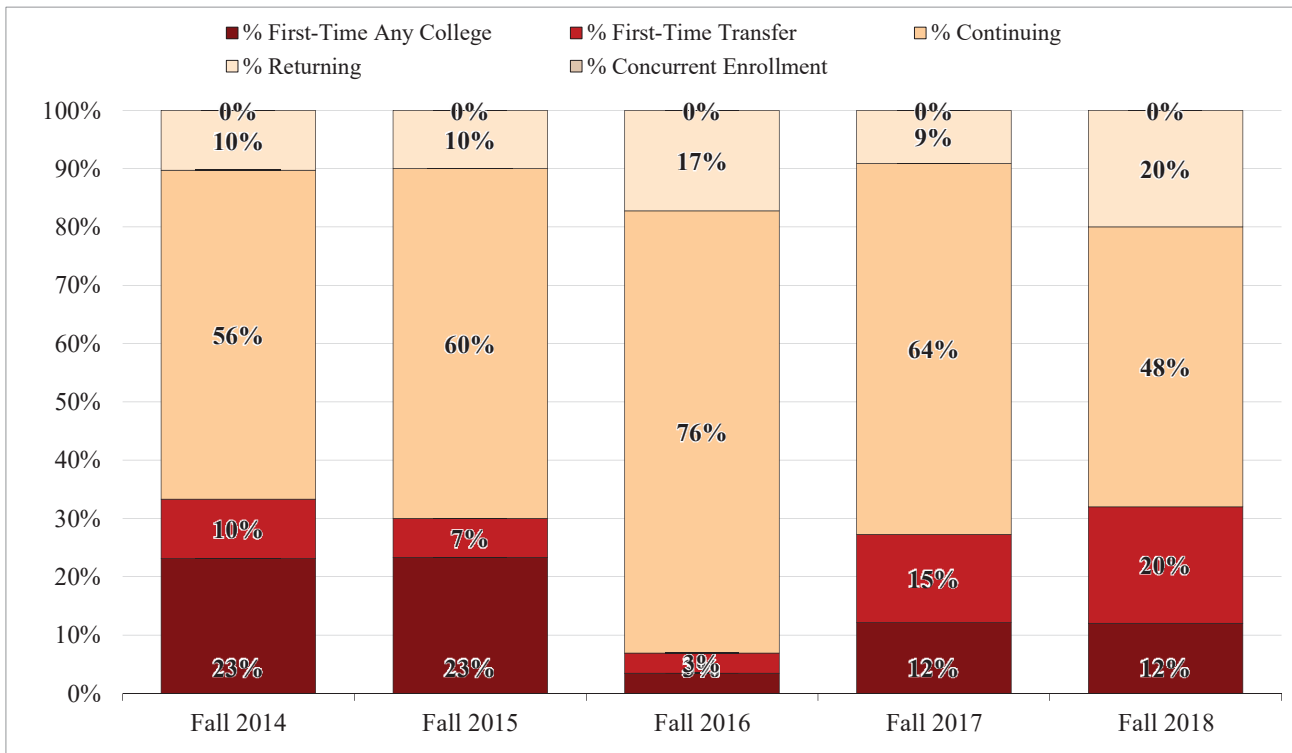
### Student Demographic: Race-Ethnicity

| Horticulture ( HORT ) |           |           |           |           |           |
|-----------------------|-----------|-----------|-----------|-----------|-----------|
|                       | Term      |           |           |           |           |
|                       | Fall 2014 | Fall 2015 | Fall 2016 | Fall 2017 | Fall 2018 |
| African American      | 0         | 1         | 1         | 0         | 0         |
| Asian                 | 3         | 0         | 1         | 5         | 4         |
| Filipino              | 0         | 1         | 0         | 1         | 1         |
| Latino                | 13        | 5         | 6         | 8         | 6         |
| Native American       | 0         | 0         | 0         | 0         | 0         |
| Pacific Islander      | 0         | 0         | 1         | 0         | 0         |
| White                 | 22        | 21        | 18        | 17        | 10        |
| Multiethnic           | 1         | 2         | 2         | 1         | 4         |
| Other/Unknown         | 0         | 0         | 0         | 1         | 0         |
| % African American    | 0%        | 3%        | 3%        | 0%        | 0%        |
| % Asian               | 8%        | 0%        | 3%        | 15%       | 16%       |
| % Filipino            | 0%        | 3%        | 0%        | 3%        | 4%        |
| % Latino              | 33%       | 17%       | 21%       | 24%       | 24%       |
| % Native American     | 0%        | 0%        | 0%        | 0%        | 0%        |
| % Pacific Islander    | 0%        | 0%        | 3%        | 0%        | 0%        |
| % White               | 56%       | 70%       | 62%       | 52%       | 40%       |
| % Multiethnic         | 3%        | 7%        | 7%        | 3%        | 16%       |
| % Other/Unknown       | 0%        | 0%        | 0%        | 3%        | 0%        |



## Student Enrollment Status

| Horticulture ( HORT )    |           |           |           |           |           |
|--------------------------|-----------|-----------|-----------|-----------|-----------|
|                          | Term      |           |           |           |           |
|                          | Fall 2014 | Fall 2015 | Fall 2016 | Fall 2017 | Fall 2018 |
| First-Time Any College   | 9         | 7         | 1         | 4         | 3         |
| First-Time Transfer      | 4         | 2         | 1         | 5         | 5         |
| Continuing               | 22        | 18        | 22        | 21        | 12        |
| Returning                | 4         | 3         | 5         | 3         | 5         |
| Concurrent Enrollment    | 0         | 0         | 0         | 0         | 0         |
| % First-Time Any College | 23%       | 23%       | 3%        | 12%       | 12%       |
| % First-Time Transfer    | 10%       | 7%        | 3%        | 15%       | 20%       |
| % Continuing             | 56%       | 60%       | 76%       | 64%       | 48%       |
| % Returning              | 10%       | 10%       | 17%       | 9%        | 20%       |
| % Concurrent Enrollment  | 0%        | 0%        | 0%        | 0%        | 0%        |



### Definitions:

**First-Time Any College:** Students enrolled in college for the first time.

**First-Time Transfer:** Students transferring to LPC in the current semester from another community college or university.

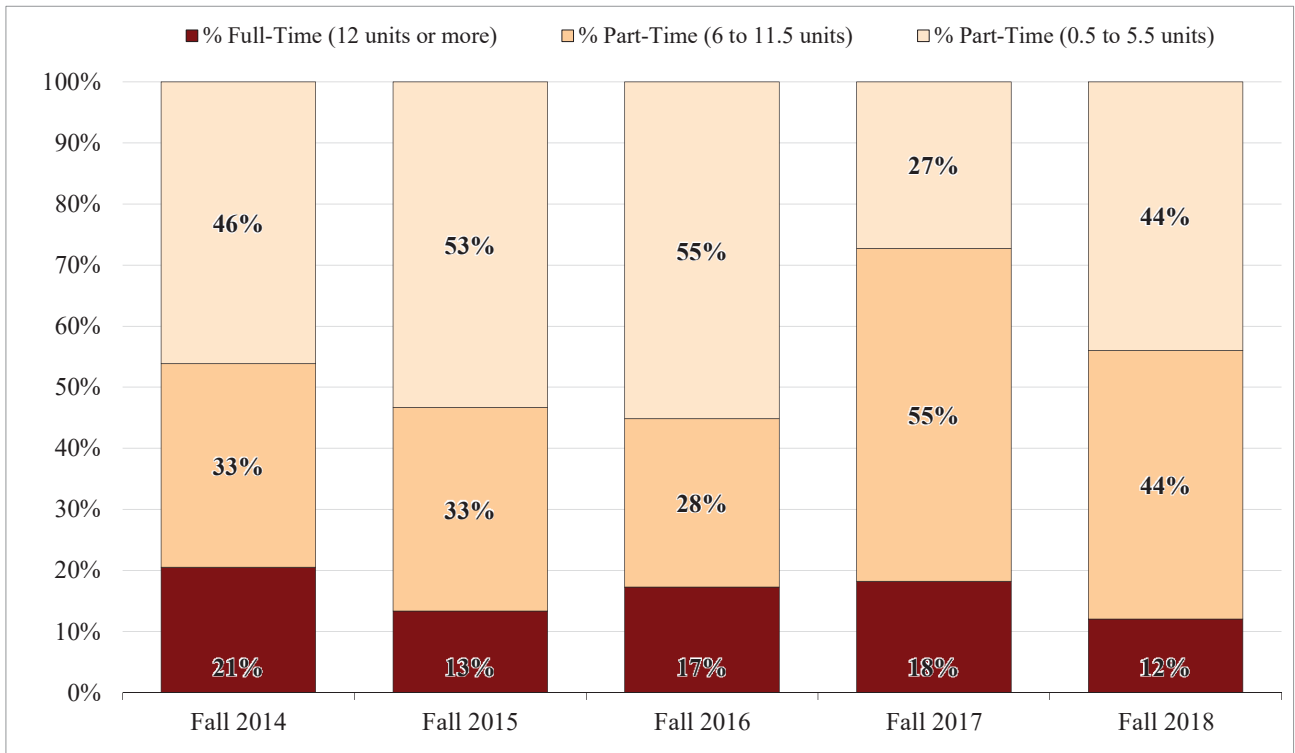
**Continuing:** Students enrolled in the current semester and were enrolled in the previous primary term. Primary terms are Fall and Spring.

**Returning:** Students enrolled at LPC after an absence of one or more primary terms from the District.

**Concurrent Enrollment:** A special admit student currently enrolled in K-12.

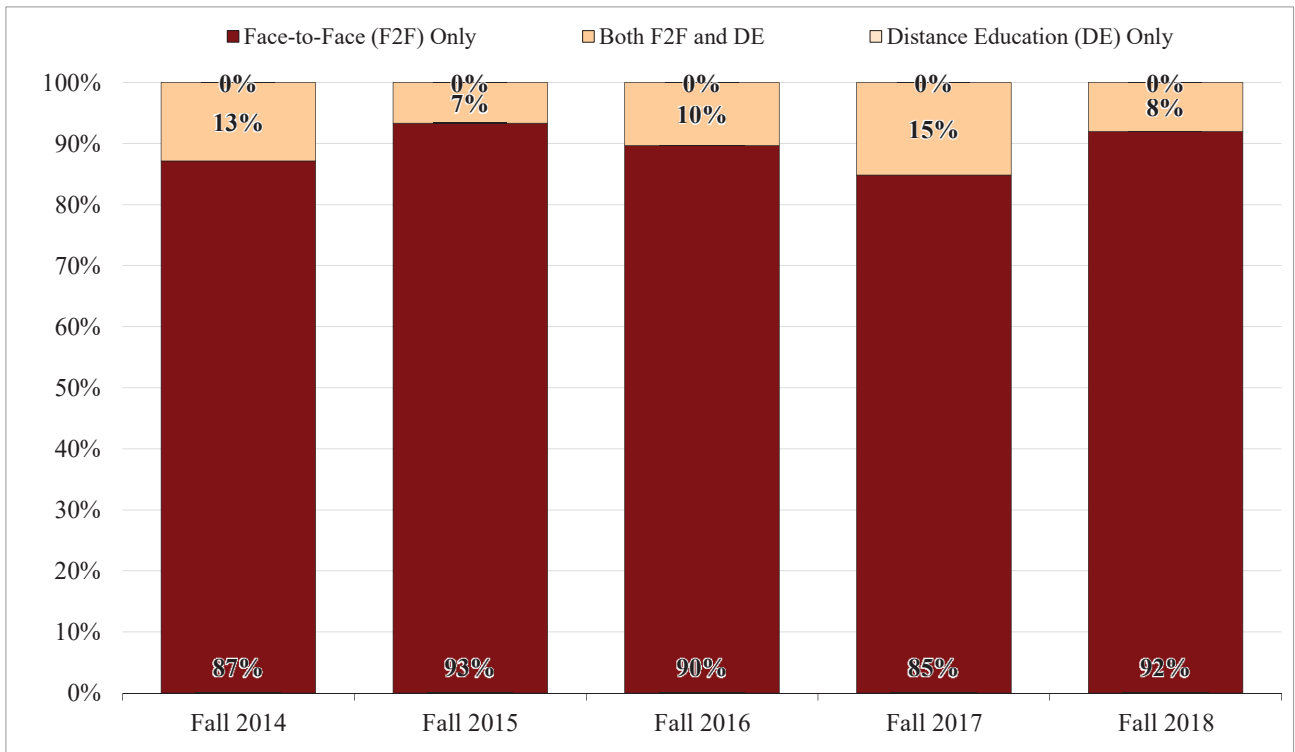
### Student Unit Load

| Horticulture ( HORT )          |           |           |           |           |           |
|--------------------------------|-----------|-----------|-----------|-----------|-----------|
|                                | Term      |           |           |           |           |
|                                | Fall 2014 | Fall 2015 | Fall 2016 | Fall 2017 | Fall 2018 |
| Full-Time (12 units or more)   | 8         | 4         | 5         | 6         | 3         |
| Part-Time (6 to 11.5 units)    | 13        | 10        | 8         | 18        | 11        |
| Part-Time (0.5 to 5.5 units)   | 18        | 16        | 16        | 9         | 11        |
| % Full-Time (12 units or more) | 21%       | 13%       | 17%       | 18%       | 12%       |
| % Part-Time (6 to 11.5 units)  | 33%       | 33%       | 28%       | 55%       | 44%       |
| % Part-Time (0.5 to 5.5 units) | 46%       | 53%       | 55%       | 27%       | 44%       |



## Students Using Distance Education

| Horticulture ( HORT )                               |           |           |           |           |           |
|-----------------------------------------------------|-----------|-----------|-----------|-----------|-----------|
| <i>(Categories reflect college-wide coursework)</i> | Term      |           |           |           |           |
|                                                     | Fall 2014 | Fall 2015 | Fall 2016 | Fall 2017 | Fall 2018 |
| Face-to-Face (F2F) Only                             | 34        | 28        | 26        | 28        | 23        |
| Both F2F and DE                                     | 5         | 2         | 3         | 5         | 2         |
| Distance Education (DE) Only                        | 0         | 0         | 0         | 0         | 0         |
| % Face-to-Face (F2F) Only                           | 87%       | 93%       | 90%       | 85%       | 92%       |
| % Both F2F and DE                                   | 13%       | 7%        | 10%       | 15%       | 8%        |
| % Distance Education (DE) Only                      | 0%        | 0%        | 0%        | 0%        | 0%        |

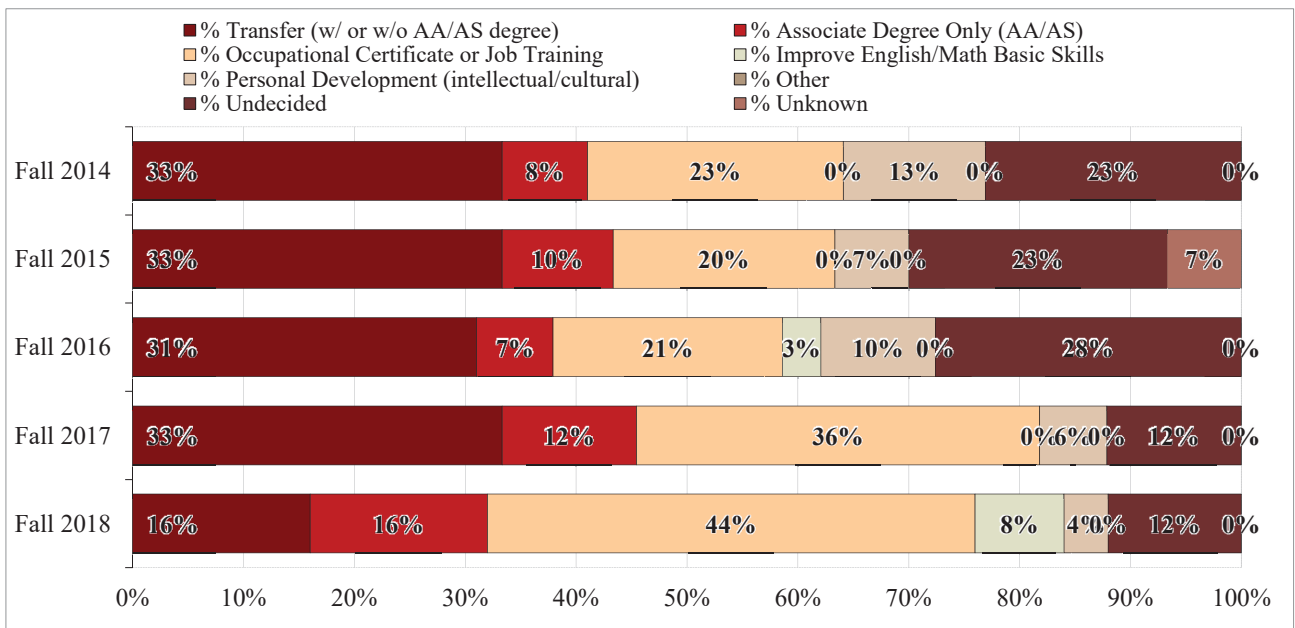


### Definitions:

**Distance Education (DE)** includes enrollments in course sections that begin with 'DE', 'HD', 'LD' and 'LO'.

## Student Educational Goal

| Horticulture ( HORT )                          |           |           |           |           |           |
|------------------------------------------------|-----------|-----------|-----------|-----------|-----------|
|                                                | Term      |           |           |           |           |
|                                                | Fall 2014 | Fall 2015 | Fall 2016 | Fall 2017 | Fall 2018 |
| Transfer (w/ or w/o AA/AS degree)              | 13        | 10        | 9         | 11        | 4         |
| Associate Degree Only (AA/AS)                  | 3         | 3         | 2         | 4         | 4         |
| Occupational Certificate or Job Training       | 9         | 6         | 6         | 12        | 11        |
| Improve English/Math Basic Skills              | 0         | 0         | 1         | 0         | 2         |
| Personal Development (intellectual/cultural)   | 5         | 2         | 3         | 2         | 1         |
| Other                                          | 0         | 0         | 0         | 0         | 0         |
| Undecided                                      | 9         | 7         | 8         | 4         | 3         |
| Unknown                                        | 0         | 2         | 0         | 0         | 0         |
| % Transfer (w/ or w/o AA/AS degree)            | 33%       | 33%       | 31%       | 33%       | 16%       |
| % Associate Degree Only (AA/AS)                | 8%        | 10%       | 7%        | 12%       | 16%       |
| % Occupational Certificate or Job Training     | 23%       | 20%       | 21%       | 36%       | 44%       |
| % Improve English/Math Basic Skills            | 0%        | 0%        | 3%        | 0%        | 8%        |
| % Personal Development (intellectual/cultural) | 13%       | 7%        | 10%       | 6%        | 4%        |
| % Other                                        | 0%        | 0%        | 0%        | 0%        | 0%        |
| % Undecided                                    | 23%       | 23%       | 28%       | 12%       | 12%       |
| % Unknown                                      | 0%        | 7%        | 0%        | 0%        | 0%        |



### Definitions:

**Transfer:** Students who want to transfer to a 4-year university. Includes students enrolled in 4-year institutions completing requirements at LPC.

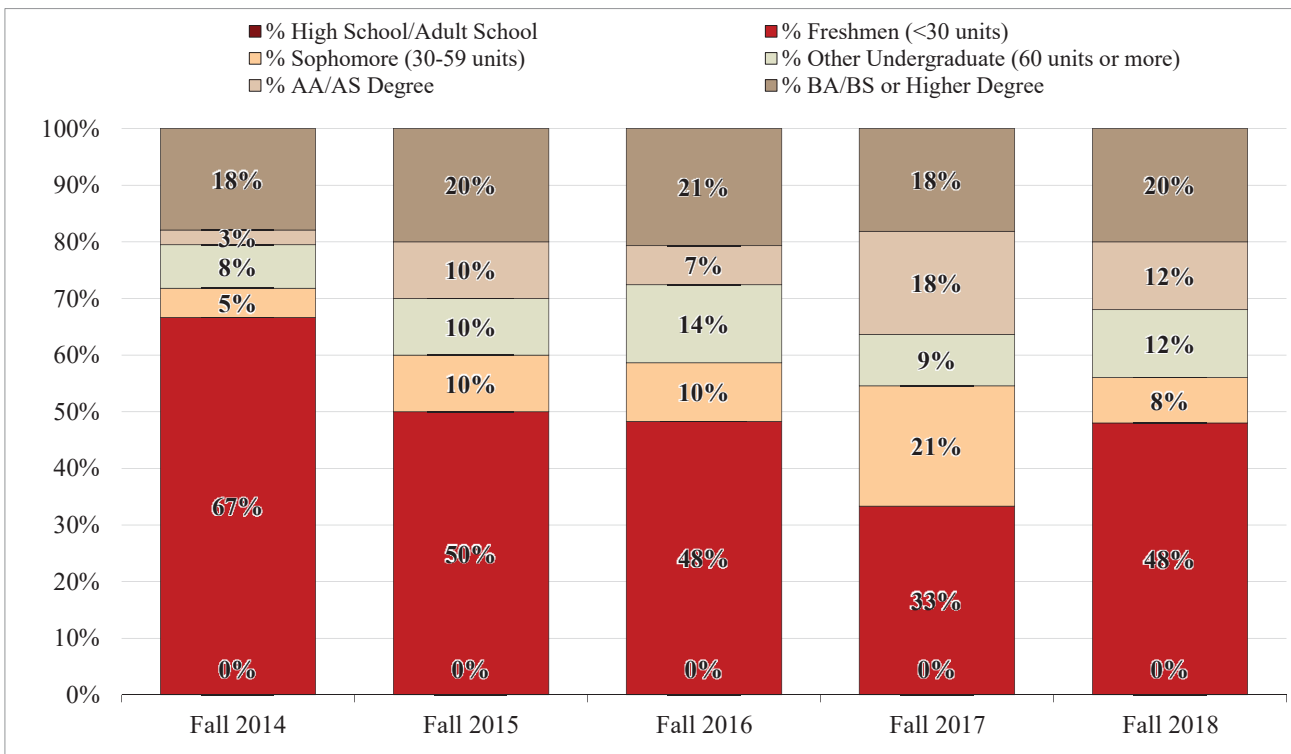
**Occupational Certificate/Job Training:** Acquire job skills, explore career interests, earn a certificate, or maintain a certificate/license.

**Personal Development:** Students taking courses for intellectual and/or cultural development.

**Other:** Students completing diploma/GED requirements or moving from non-credit to credit courses. Data from admission application.

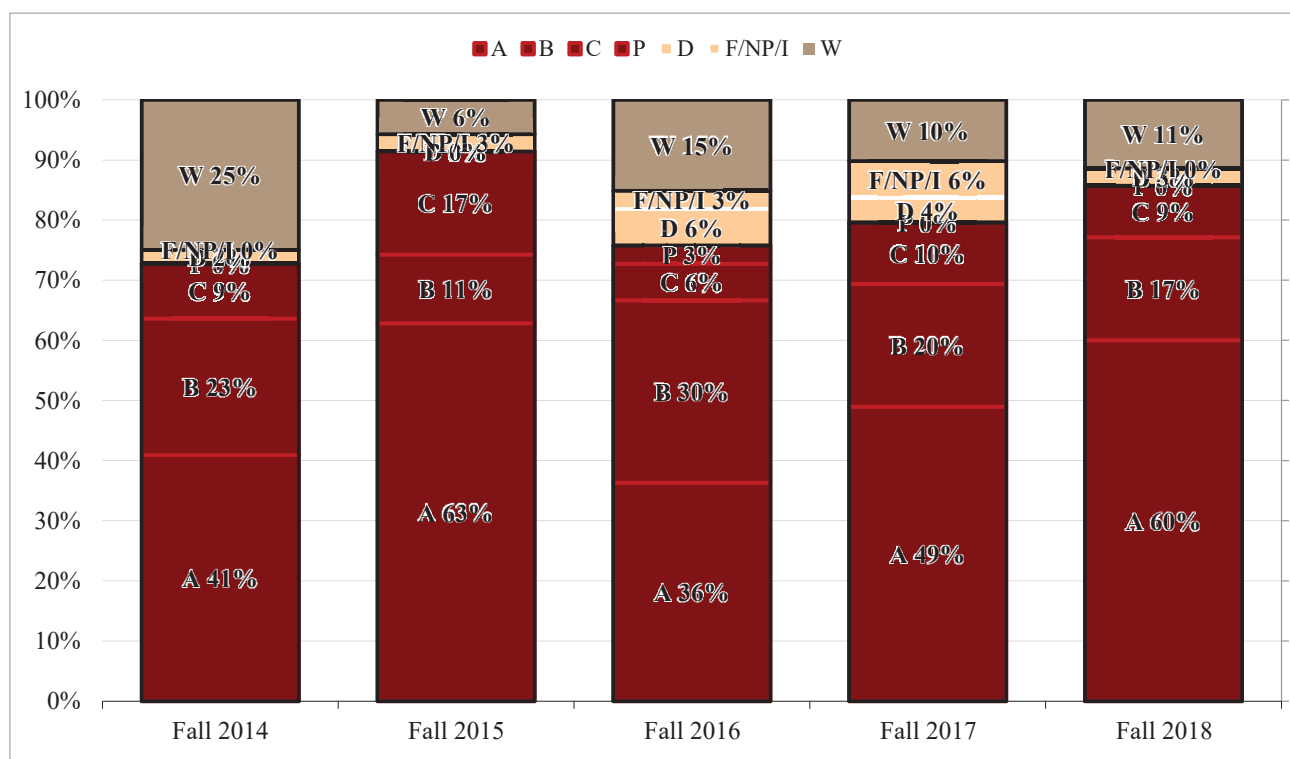
### Highest Educational Level of Students

|                                          | Horticulture ( HORT ) |           |           |           |           |
|------------------------------------------|-----------------------|-----------|-----------|-----------|-----------|
|                                          | Term                  |           |           |           |           |
|                                          | Fall 2014             | Fall 2015 | Fall 2016 | Fall 2017 | Fall 2018 |
| High School/Adult School                 | 0                     | 0         | 0         | 0         | 0         |
| Freshmen (<30 units)                     | 26                    | 15        | 14        | 11        | 12        |
| Sophomore (30-59 units)                  | 2                     | 3         | 3         | 7         | 2         |
| Other Undergraduate (60 units or more)   | 3                     | 3         | 4         | 3         | 3         |
| AA/AS Degree                             | 1                     | 3         | 2         | 6         | 3         |
| BA/BS or Higher Degree                   | 7                     | 6         | 6         | 6         | 5         |
| % High School/Adult School               | 0%                    | 0%        | 0%        | 0%        | 0%        |
| % Freshmen (<30 units)                   | 67%                   | 50%       | 48%       | 33%       | 48%       |
| % Sophomore (30-59 units)                | 5%                    | 10%       | 10%       | 21%       | 8%        |
| % Other Undergraduate (60 units or more) | 8%                    | 10%       | 14%       | 9%        | 12%       |
| % AA/AS Degree                           | 3%                    | 10%       | 7%        | 18%       | 12%       |
| % BA/BS or Higher Degree                 | 18%                   | 20%       | 21%       | 18%       | 20%       |



## Student Performance: Grade Distribution

| Horticulture ( HORT )           |            |            |            |            |            |
|---------------------------------|------------|------------|------------|------------|------------|
|                                 | Term       |            |            |            |            |
|                                 | Fall 2014  | Fall 2015  | Fall 2016  | Fall 2017  | Fall 2018  |
| <b>Total Course Enrollments</b> | <b>44</b>  | <b>35</b>  | <b>33</b>  | <b>49</b>  | <b>35</b>  |
| <b>Course Success Rates</b>     | <b>73%</b> | <b>91%</b> | <b>76%</b> | <b>80%</b> | <b>86%</b> |
| A                               | 41%        | 63%        | 36%        | 49%        | 60%        |
| B                               | 23%        | 11%        | 30%        | 20%        | 17%        |
| C                               | 9%         | 17%        | 6%         | 10%        | 9%         |
| P                               | 0%         | 0%         | 3%         | 0%         | 0%         |
| <b>Course Non-Success Rate</b>  | <b>2%</b>  | <b>3%</b>  | <b>9%</b>  | <b>10%</b> | <b>3%</b>  |
| D                               | 2%         | 0%         | 6%         | 4%         | 3%         |
| F/NP/I                          | 0%         | 3%         | 3%         | 6%         | 0%         |
| <b>Withdrawals (W)</b>          | <b>25%</b> | <b>6%</b>  | <b>15%</b> | <b>10%</b> | <b>11%</b> |



### Definitions:

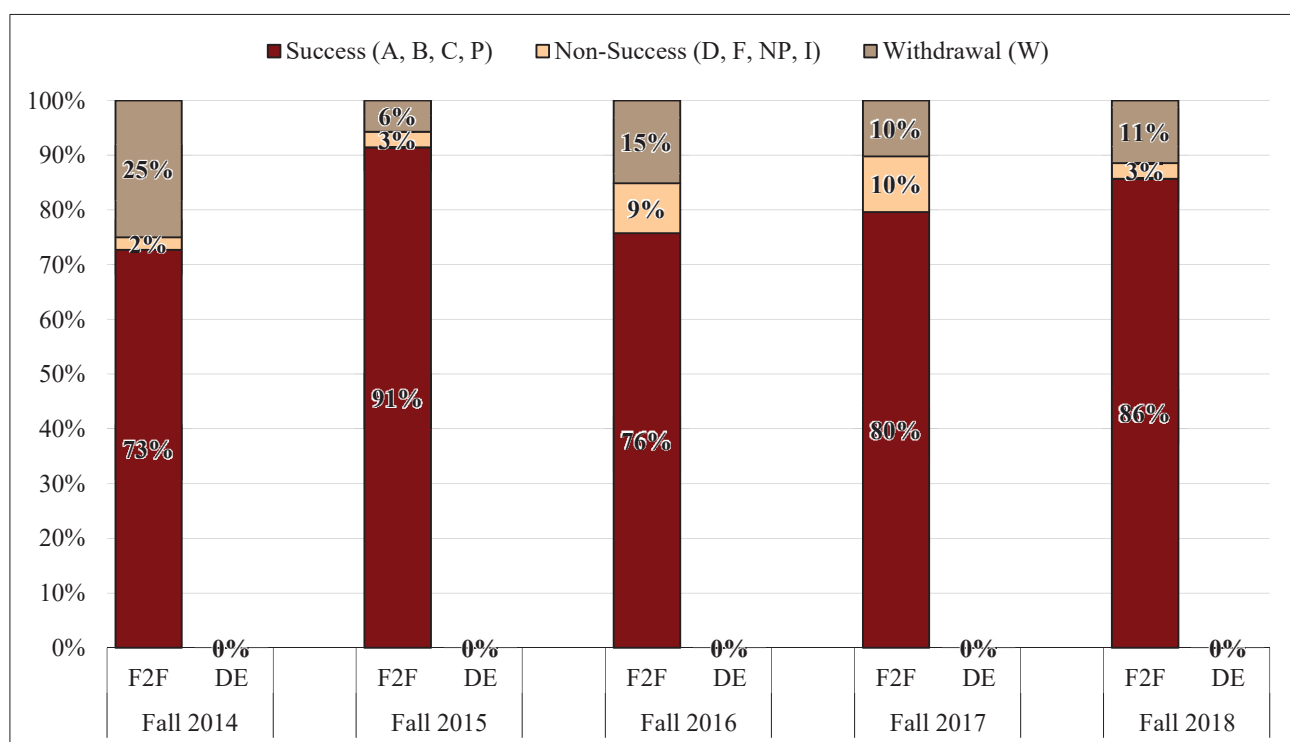
**Course Success Rate** is the percentage of students receiving a passing grade ('A', 'B', 'C', or 'P') relative to all students receiving a grade.

**Course Non-Success Rate** is the percentage of students receiving a grade of ('D', 'F', 'NP or 'T') relative to all students receiving a grade.

**Withdrawals** is the percentage of students receiving a grade notation of 'W' relative to all students receiving a grade.

## Student Performance: Distance Education

| Horticulture ( HORT )                   |           |           |           |           |           |
|-----------------------------------------|-----------|-----------|-----------|-----------|-----------|
|                                         | Term      |           |           |           |           |
|                                         | Fall 2014 | Fall 2015 | Fall 2016 | Fall 2017 | Fall 2018 |
| <b>Total Course Enrollments</b>         | <b>44</b> | <b>35</b> | <b>33</b> | <b>49</b> | <b>35</b> |
| <b>Face-to-Face (F2F) Sections</b>      | <b>44</b> | <b>35</b> | <b>33</b> | <b>49</b> | <b>35</b> |
| Success Rates                           | 73%       | 91%       | 76%       | 80%       | 86%       |
| Non-Success Rates                       | 2%        | 3%        | 9%        | 10%       | 3%        |
| Withdrawals                             | 25%       | 6%        | 15%       | 10%       | 11%       |
| <b>Distance Education (DE) Sections</b> | <b>—</b>  | <b>—</b>  | <b>—</b>  | <b>—</b>  | <b>—</b>  |
| Success Rates                           | —         | —         | —         | —         | —         |
| Non-Success Rates                       | —         | —         | —         | —         | —         |
| Withdrawals                             | —         | —         | —         | —         | —         |



### Definitions:

**Course Success Rate** is the percentage of students receiving a passing grade ('A', 'B', 'C', or 'P') relative to all students receiving a grade.

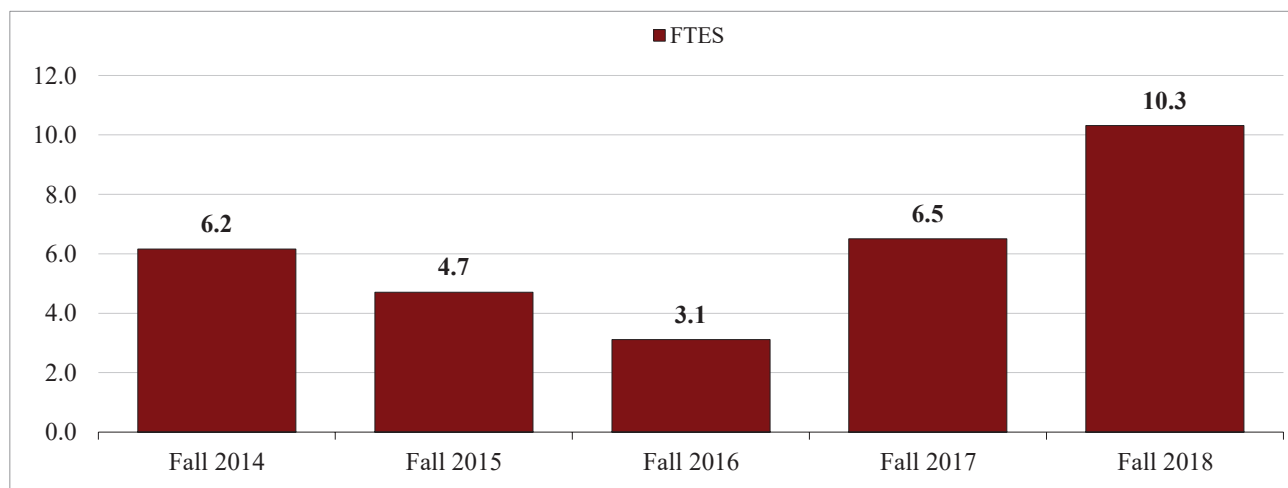
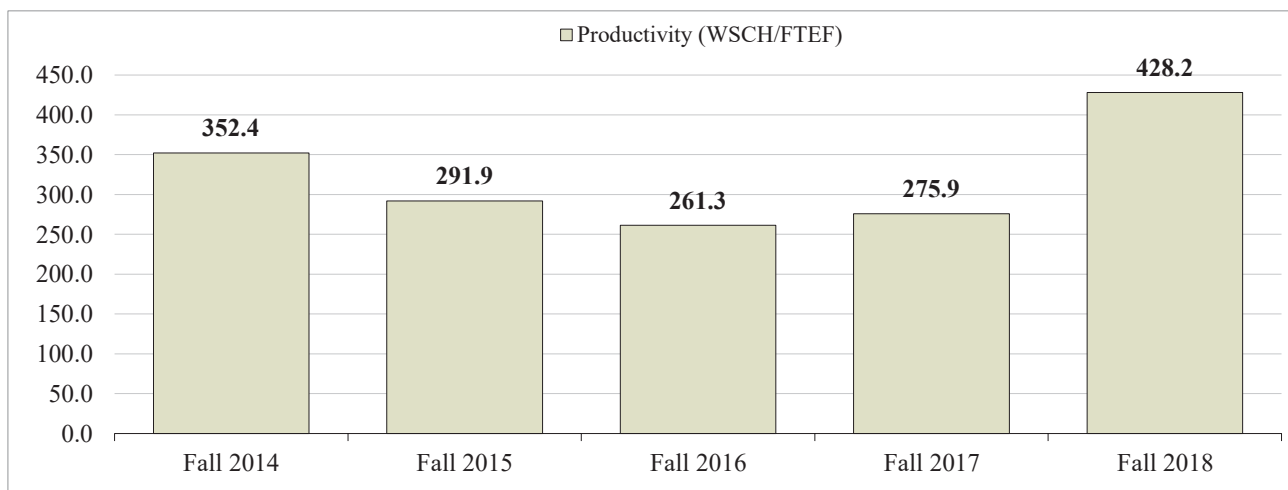
**Course Non-Success Rate** is the percentage of students receiving a grade of ('D', 'F', 'NP' or 'I') relative to all students receiving a grade.

**Withdrawals** is the percentage of students receiving a grade notation of 'W' relative to all students receiving a grade.

**Distance Education (DE)** includes enrollments in course sections that begin with 'DE', 'HD', 'LD' and 'LO'.

## Enrollment Management: Part 1

|                          | Horticulture ( HORT ) |           |           |           |           |
|--------------------------|-----------------------|-----------|-----------|-----------|-----------|
|                          | Term                  |           |           |           |           |
|                          | Fall 2014             | Fall 2015 | Fall 2016 | Fall 2017 | Fall 2018 |
| WSCH                     | 185                   | 141       | 98        | 200       | 310       |
| FTEF                     | 6.2                   | 4.7       | 3.1       | 6.5       | 10.3      |
| FTEF                     | 0.5                   | 0.5       | 0.4       | 0.7       | 0.7       |
| Productivity (WSCH/FTEF) | 352.4                 | 291.9     | 261.3     | 275.9     | 428.2     |



### Definitions:

**WSCH** is the total Weekly Student Contact Hours resulting from all enrollment within the discipline.

**FTEF** is the total Full Time Equivalent Student value resulting from all enrollment within the discipline.

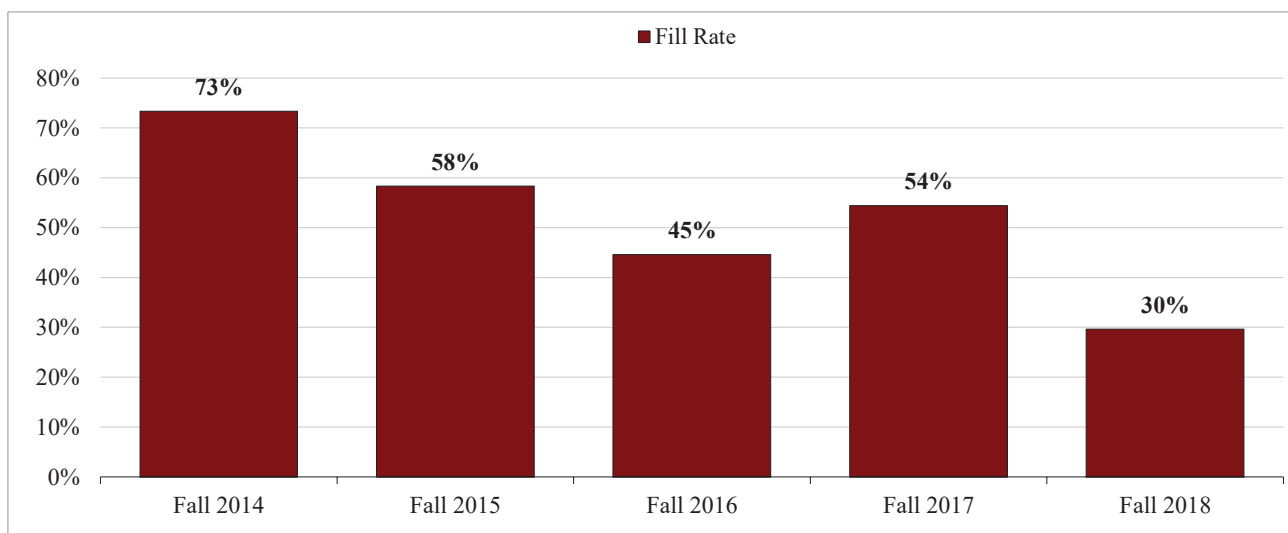
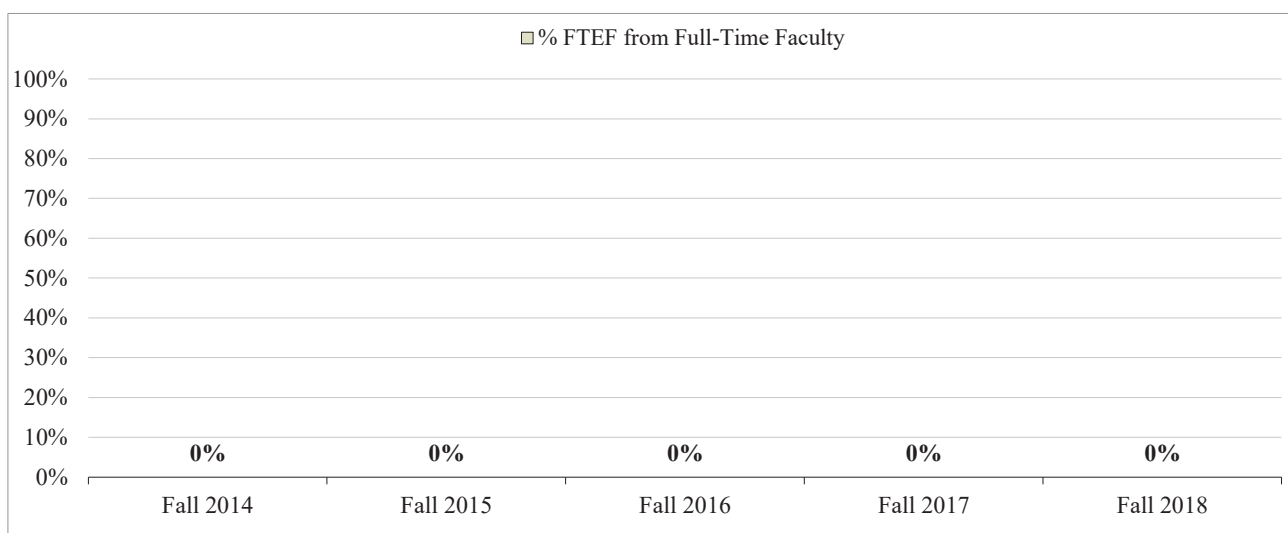
**FTEF** is the Full Time Equivalent Faculty associated with the discipline's course offerings for that semester.

**Productivity** is the ratio of WSCH to FTEF and a standard measure of discipline efficiency.

**Note:** Enrollment Management data includes all credit courses accounted for during the respective academic terms; data accessed on 5/15/18.

## Enrollment Management: Part 2

| Horticulture ( HORT )         |           |           |           |           |           |
|-------------------------------|-----------|-----------|-----------|-----------|-----------|
|                               | Term      |           |           |           |           |
|                               | Fall 2014 | Fall 2015 | Fall 2016 | Fall 2017 | Fall 2018 |
| FTEF from Full-Time Faculty   | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| % FTEF from Full-Time Faculty | 0%        | 0%        | 0%        | 0%        | 0%        |
| Enrollments                   | 44        | 35        | 33        | 49        | 35        |
| Capacity (seats available)    | 60        | 60        | 74        | 90        | 118       |
| Fill Rate                     | 73%       | 58%       | 45%       | 54%       | 30%       |



### Definitions:

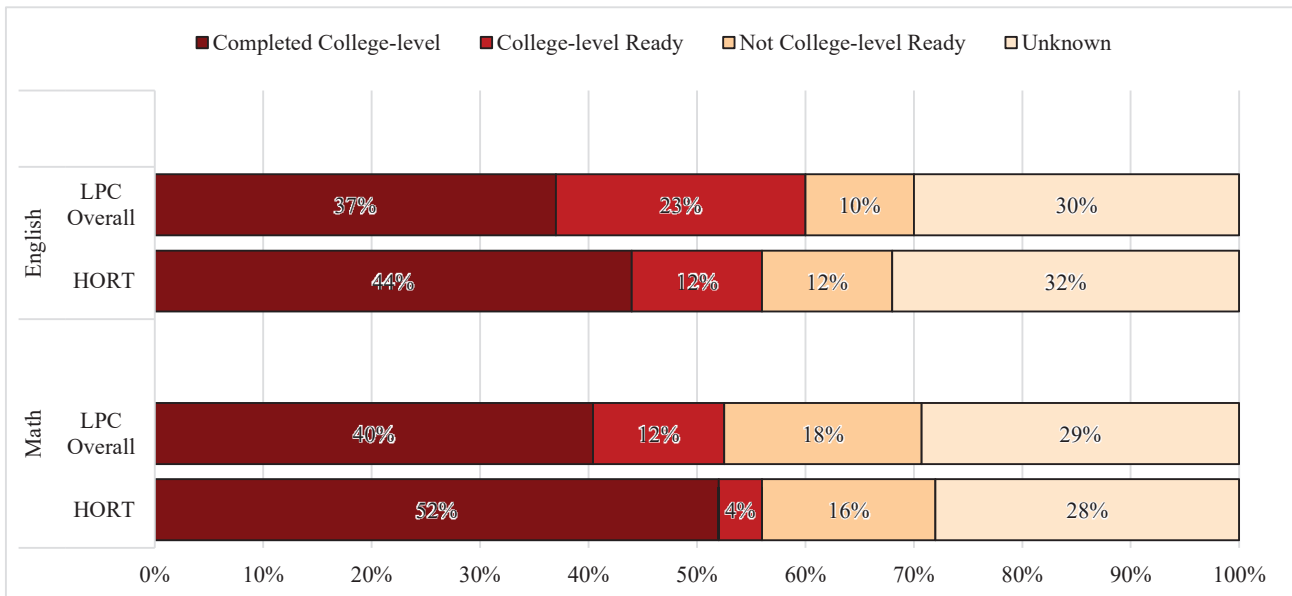
**Fill Rate** is number of enrollments over the total capacity (seats available).

**% FTEF from Full-time Faculty** is the FTEF generated by full-time faculty as load (i.e., excluding overload) divided by the total FTEF.

**Note:** Enrollment Management data includes all credit courses accounted for during the respective academic terms; data accessed on 5/15/18.

## College Readiness: English & Math Proficiency

| Fall 2018               |      |     |             |     |
|-------------------------|------|-----|-------------|-----|
|                         | HORT |     | LPC Overall |     |
|                         | Num  | Pct | Num         | Pct |
| <b>College English</b>  |      |     |             |     |
| Completed College-level | 11   | 44% | 4,858       | 52% |
| College-level Ready     | 3    | 11% | 2,005       | 22% |
| Not College-level Ready | 3    | 12% | 675         | 7%  |
| Unknown                 | 8    | 31% | 1,776       | 19% |
| <b>College Math</b>     |      |     |             |     |
| Completed College-level | 13   | 52% | 4,134       | 44% |
| College-level Ready     | 1    | 4%  | 1,812       | 19% |
| Not College-level Ready | 4    | 16% | 1,583       | 17% |
| Unknown                 | 7    | 28% | 1,785       | 19% |



### Definitions:

#### College English

**Completed College-level** is defined as successfully completed ENG 1A or higher, or has earned at least an Associates degree.

**College-level Ready** is defined as anyone who is eligible for ENG 1A but has not successfully completed the course.

**Not College-level Ready** is defined as anyone who is not eligible for ENG 1A but has not successfully completed the course.

**Unknown** is defined as anyone with no previous English enrollments within the sequence and no previous English assessment.

#### College Math

**Completed College-level** is defined as successfully completed Math 55 or higher or assessed into Transfer-level Math, or has earned at least an Associates degree.

**College-level Ready** is defined as anyone who is eligible for MATH 55 but has not yet successfully complete the course.

**Not College-level Ready** is defined as anyone who is not eligible for MATH 55 but has not yet successfully complete the course.

**Unknown** is defined as anyone with no previous Math enrollments within the sequence and no previous Math assessment.