



## **Tracking Undergraduate Navitas Students at UMass Boston, Spring 2017**

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The Office of Institutional Research, Assessment, and Planning (OIRAP) has been working with Kristof Zaba, the Executive Director of Navitas at UMass Boston, to provide tracking of student success for undergraduate Navitas students. The tracking can be complicated because Navitas students are admitted in both spring and fall and because, although the majority of the students are classified as freshmen, some Navitas students are transfers by UMass Boston standards. They also may be classified as either full or part-time. Navitas has requested tracking on a semester by semester basis, thereby tracking multiple cohorts through multiple semesters. This report provides a comparison of the progress of Navitas students, non-Navitas International students, and all other freshmen entering with the cohort.

The Navitas students listed include transfers, full-time, and part-time freshmen. Therefore, the retention rates will not match those reported for the official cohort. Appendix A provides a breakdown for each cohort, including retention rate, mean grade point average, mean for returning credits earned, and mean for credit load (Tables A-1 through A-11). While there are no distinct trends among the retention rates depicted in these tables, other measures of student success show some differences among student types.

### **Grade Point Average**

During the Spring 2017 semester, cumulative grade point averages for returning Navitas students ( $N = 445$ ,  $M = 2.94$ ) were not significantly different (at  $\alpha < .05$ ) than both returning non-Navitas international students ( $N = 851$ ,  $M = 2.95$ ) and other returning domestic students ( $N = 9,134$ ,  $M = 2.98$ ).

### **Credit Accumulation**

During the Spring 2017 semester, all Navitas students ( $N = 490$ ,  $M = 14.1$ ) maintained a higher credit load when compared with non-Navitas students, either international ( $N = 919$ ,  $M = 13.4$ ) or domestic ( $N = 9832$ ,  $M = 12.1$ ).

### **Gender**

While more than 50 percent of the UMB student body are made up of female students, international students consist primarily of male students, with only 34.5% of Navitas students and 39.9% of non-Navitas international students identified as female during the Spring 2017 semester.

## National Origin

The 490 Navitas students hailed from 47 different countries. The 919 non-Navitas international students hailed from 77 different countries. The top five countries that the respective student types consider their national origin are depicted in Table 1. Since 2011, the proportion of Navitas that have hailed from China has increased. From Fall 2011 to Spring 2016, 12.5% of Navitas students that started were from China, while 44.4% of Navitas students that started in Spring 2017 were from China.

Table 1  
*National Origin between International Student Types Enrolled in Spring 2017 Semester*

| <b>Navitas<br/>(N =490)</b> |       | <b>Non-Navitas<br/>(N = 919)</b> |       |
|-----------------------------|-------|----------------------------------|-------|
| China                       | 31.8% | China                            | 54.1% |
| India                       | 12.4% | Korea, Republic of               | 4.2%  |
| Korea, Republic of          | 8.0%  | Saudi Arabia                     | 4.0%  |
| Indonesia                   | 5.9%  | India                            | 3.5%  |
| Vietnam                     | 5.7%  | Vietnam                          | 2.7%  |

## Primary Major Area of Study

Table 2 depicts the primary major areas of study for the two groups of international students. There is a lot of overlap among the two groups in terms of majors. Management is the most subscribed program among international students, with computer science, economics, and biology as distant runner ups.

Table 2  
*Primary Major Area of Study between International Student Types for Spring 2017*

| <b>Navitas<br/>(N =490)</b> |       | <b>Non-Navitas<br/>(N = 919)</b> |       |
|-----------------------------|-------|----------------------------------|-------|
| Management                  | 63.7% | Management                       | 36.5% |
| Economics                   | 5.9%  | Economics                        | 14.3% |
| Undeclared                  | 5.5%  | Biology/BioChem                  | 9.0%  |
| Computer Science            | 4.7%  | Undeclared                       | 7.0%  |
| Info Technology             | 3.7%  | Computer Science                 | 4.9%  |
| Biology/BioChem             | 1.8%  | Info Technology                  | 3.0%  |

Table A-1

*Mean Performance Measures for Retention across Student Types for Fall 2011 Cohort (N = 1300)*

| <b>Measure</b>             | <b>Student Type</b>      | Spring<br>2012 | Fall<br>2012 | Spring<br>2013 | Fall<br>2013 | Spring<br>2014 | Fall<br>2014 | Spring<br>2015 | Fall<br>2015* | Spring<br>2016* | Fall<br>2016* | Spring<br>2017* |
|----------------------------|--------------------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|---------------|-----------------|---------------|-----------------|
| Continued                  | Navitas (n = 43)         | 34             | 34           | 32             | 30           | 26             | 22           | 19             | 8             | 3               | 0             | 2               |
|                            | Non-Navt Int'l (n = 135) | 128            | 111          | 97             | 87           | 83             | 71           | 63             | 26            | 13              | 5             | 4               |
|                            | All Others (n = 1122)    | 1031           | 876          | 782            | 704          | 673            | 657          | 623            | 399           | 294             | 137           | 100             |
| Percent<br>Continued (%)   | Navitas                  | 79.1           | 79.1         | 74.4           | 69.8         | 60.5           | 51.2         | 44.2           | 20.9          | 7.0             | 0.0           | 4.6             |
|                            | Non-Navt Int'l           | 94.8           | 82.2         | 71.9           | 64.4         | 61.5           | 52.6         | 46.7           | 19.3          | 9.6             | 3.7           | 3.0             |
|                            | All Others               | 91.9           | 78.1         | 69.7           | 62.8         | 60.0           | 58.6         | 55.5           | 35.6          | 26.2            | 12.2          | 8.9             |
| Returning GPA              | Navitas                  | 2.79           | 2.94         | 2.98           | 2.89         | 2.99           | 2.96         | 3.02           | 2.84          | 2.82            | na            | 2.82            |
|                            | Non-Navt Int'l           | 2.55           | 2.92         | 3.07           | 3.13         | 3.13           | 3.10         | 3.10           | 2.94          | 2.69            | 2.64          | 2.90            |
|                            | All Others               | 2.83           | 2.85         | 2.96           | 2.98         | 3.00           | 3.02         | 3.05           | 2.89          | 2.86            | 2.72          | 2.62            |
| Returning Total<br>Credits | Navitas                  | 13.5           | 36.9         | 50.6           | 65.8         | 81.0           | 93.7         | 106.1          | 109.1         | 119.0           | na            | 14.0            |
|                            | Non-Navt Int'l           | 9.7            | 22.7         | 35.4           | 55.0         | 68.5           | 84.6         | 95.2           | 104.7         | 104.6           | 107.8         | 119.8           |
|                            | All Others               | 13.3           | 26.5         | 39.9           | 53.1         | 65.6           | 78.6         | 92.1           | 95.6          | 101.2           | 97.4          | 98.8            |
| Credits Taken              | Navitas                  | 15.4           | 13.9         | 14.0           | 14.2         | 14.6           | 14.5         | 13.0           | 12.1          | 12.7            | na            | 90.5            |
|                            | Non-Navt Int'l           | 12.5           | 14.1         | 15.2           | 15.1         | 14.8           | 14.1         | 13.2           | 12.2          | 9.1             | 11.2          | 13.0            |
|                            | All Others               | 14.3           | 14.0         | 13.7           | 13.5         | 13.4           | 13.5         | 13.0           | 12.1          | 11.4            | 10.5          | 9.2             |

*Note.* \* Fall 2015 through Spring 2017 do not include students that graduated by those semesters.

Table A-2

*Mean Performance Measures for Retention across Student Types for Spring 2012 Cohort (N = 191)*

| Measure                 | Student Type                     | Fall 2012 | Spring 2013 | Fall 2013 | Spring 2014 | Fall 2014 | Spring 2015 | Fall 2015* | Spring 2016* | Fall 2016* | Spring 2017* |
|-------------------------|----------------------------------|-----------|-------------|-----------|-------------|-----------|-------------|------------|--------------|------------|--------------|
| Continued               | Navitas ( <i>n</i> = 13)         | 9         | 10          | 10        | 9           | 9         | 8           | 6          | 4            | 1          | 1            |
|                         | Non-Navt Int'l ( <i>n</i> = 121) | 105       | 99          | 86        | 79          | 76        | 75          | 46         | 33           | 13         | 7            |
|                         | All Others ( <i>n</i> = 57)      | 40        | 32          | 25        | 23          | 18        | 19          | 19         | 14           | 10         | 9            |
| Percent Continued (%)   | Navitas                          | 69.2      | 76.9        | 76.9      | 69.2        | 69.2      | 61.5        | 46.2       | 30.7         | 7.7        | 7.7          |
|                         | Non-Navt Int'l                   | 86.8      | 81.8        | 71.1      | 65.3        | 62.8      | 62.0        | 38.0       | 27.3         | 10.7       | 5.8          |
|                         | All Others                       | 70.2      | 56.1        | 43.9      | 40.4        | 31.6      | 33.3        | 33.3       | 24.6         | 17.5       | 15.8         |
| Returning GPA           | Navitas                          | 3.28      | 2.95        | 2.67      | 2.95        | 3.03      | 3.11        | 2.95       | 2.99         | 3.34       | 3.10         |
|                         | Non-Navt Int'l                   | 2.01      | 2.73        | 2.90      | 3.03        | 3.11      | 3.13        | 3.00       | 2.85         | 2.80       | 2.80         |
|                         | All Others                       | 3.06      | 3.08        | 3.23      | 3.18        | 3.16      | 3.28        | 2.91       | 3.23         | 3.18       | 3.22         |
| Returning Total Credits | Navitas                          | 27.6      | 37.0        | 47.2      | 59.0        | 71.8      | 86.8        | 92.7       | 102.5        | 67.0       | 82.0         |
|                         | Non-Navt Int'l                   | 6.3       | 16.9        | 33.3      | 46.6        | 67.8      | 82.2        | 92.0       | 96.2         | 99.6       | 100.4        |
|                         | All Others                       | 12.4      | 23.8        | 36.1      | 47.7        | 63.1      | 72.3        | 68.6       | 92.1         | 92.7       | 91.4         |
| Credits Taken           | Navitas                          | 12.8      | 12.8        | 13.2      | 13.0        | 13.1      | 12.8        | 13.5       | 11.3         | 15.0       | 15.0         |
|                         | Non-Navt Int'l                   | 12.6      | 14.6        | 14.9      | 15.2        | 15.2      | 14.8        | 13.4       | 11.5         | 12.4       | 12.6         |
|                         | All Others                       | 13.3      | 12.9        | 12.2      | 11.6        | 12.8      | 12.7        | 12.0       | 12.6         | 10.2       | 12.2         |

*Note.* \* Fall 2015 through Spring 2017 do not include students that graduated by those semesters.

Table A-3

*Mean Performance Measures for Retention across Student Types for Fall 2012 Cohort (N = 1269)*

| <b>Measure</b>          | <b>Student Type</b>              | Spring<br>2013 | Fall<br>2013 | Spring<br>2014 | Fall<br>2014 | Spring<br>2015 | Fall<br>2015 | Spring<br>2016* | Fall<br>2016* | Spring<br>2017* |
|-------------------------|----------------------------------|----------------|--------------|----------------|--------------|----------------|--------------|-----------------|---------------|-----------------|
| Continued               | Navitas ( <i>n</i> = 78)         | 76             | 69           | 57             | 47           | 46             | 45           | 37              | 18            | 11              |
|                         | Non-Navt Int'l ( <i>n</i> = 144) | 132            | 126          | 114            | 96           | 90             | 82           | 71              | 35            | 19              |
|                         | All Others ( <i>n</i> = 1047)    | 957            | 784          | 700            | 633          | 604            | 582          | 547             | 305           | 222             |
| Percent Continued (%)   | Navitas                          | 97.4           | 88.5         | 73.1           | 60.3         | 59.0           | 57.7         | 47.4            | 23.1          | 14.1            |
|                         | Non-Navt Int'l                   | 91.7           | 85.7         | 77.6           | 65.3         | 61.2           | 56.9         | 49.3            | 24.3          | 13.2            |
|                         | All Others                       | 91.4           | 75.0         | 67.0           | 60.6         | 57.9           | 55.6         | 52.2            | 29.1          | 21.2            |
| Returning GPA           | Navitas                          | 2.78           | 2.97         | 2.93           | 3.02         | 3.06           | 3.04         | 3.07            | 2.93          | 2.62            |
|                         | Non-Navt Int'l                   | 2.56           | 2.75         | 2.88           | 2.97         | 3.00           | 2.98         | 3.02            | 2.94          | 2.90            |
|                         | All Others                       | 2.89           | 2.90         | 3.00           | 3.00         | 3.02           | 3.06         | 3.07            | 2.87          | 2.80            |
| Returning Total Credits | Navitas                          | 11.2           | 29.1         | 40.5           | 57.7         | 71.4           | 86.2         | 99.6            | 105.7         | 96.3            |
|                         | Non-Navt Int'l                   | 9.5            | 22.2         | 34.8           | 52.9         | 67.2           | 79.7         | 94.7            | 101.8         | 107.5           |
|                         | All Others                       | 13.7           | 27.2         | 41.0           | 54.5         | 67.3           | 81.6         | 95.0            | 96.1          | 101.5           |
| Credits Taken           | Navitas                          | 15.7           | 13.7         | 14.0           | 14.3         | 14.3           | 14.3         | 13.5            | 9.8           | 13.5            |
|                         | Non-Navt Int'l                   | 12.8           | 15.5         | 14.3           | 14.6         | 14.5           | 14.8         | 14.1            | 11.8          | 11.4            |
|                         | All Others                       | 14.6           | 14.1         | 13.8           | 13.7         | 13.7           | 13.8         | 13.5            | 11.9          | 11.7            |

*Note.* \* Spring 2016 through Spring 2017 do not include students that graduated by those semesters.

Table A-4

*Mean Performance Measures for Retention across Student Types for Spring 2013 Cohort (N = 196)*

| <b>Measure</b>          | <b>Student Type</b>             | Fall<br>2013 | Spring<br>2014 | Fall<br>2014 | Spring<br>2015 | Fall<br>2015 | Spring<br>2016 | Fall<br>2016 | Spring<br>2017* |
|-------------------------|---------------------------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|-----------------|
| Continued               | Navitas ( <i>n</i> = 37)        | 31           | 30             | 26           | 18             | 17           | 16             | 12           | 6               |
|                         | Non-Navt Int'l ( <i>n</i> = 98) | 91           | 83             | 77           | 75             | 72           | 67             | 49           | 36              |
|                         | All Others ( <i>n</i> = 61)     | 43           | 37             | 33           | 30             | 30           | 27             | 22           | 18              |
| Percent Continued (%)   | Navitas                         | 83.8         | 81.1           | 70.3         | 48.6           | 45.9         | 43.2           | 32.4         | 16.2            |
|                         | Non-Navt Int'l                  | 92.9         | 84.7           | 78.6         | 76.5           | 73.5         | 68.4           | 50.0         | 36.7            |
|                         | All Others                      | 70.5         | 60.7           | 54.1         | 49.2           | 49.2         | 44.3           | 36.1         | 29.5            |
| Returning GPA           | Navitas                         | 2.98         | 2.93           | 3.03         | 3.07           | 3.10         | 3.10           | 3.12         | 3.00            |
|                         | Non-Navt Int'l                  | 2.25         | 2.80           | 2.98         | 2.95           | 2.96         | 2.98           | 2.98         | 2.95            |
|                         | All Others                      | 2.78         | 2.91           | 3.03         | 2.99           | 2.99         | 2.93           | 3.02         | 3.03            |
| Returning Total Credits | Navitas                         | 18.3         | 27.8           | 42.7         | 58.6           | 76.2         | 89.0           | 103.8        | 113.2           |
|                         | Non-Navt Int'l                  | 7.2          | 17.4           | 32.5         | 45.7           | 65.4         | 79.1           | 91.8         | 98.9            |
|                         | All Others                      | 12.9         | 24.8           | 37.6         | 48.9           | 62.4         | 74.2           | 84.5         | 91.9            |
| Credits Taken           | Navitas                         | 14.6         | 13.5           | 13.4         | 13.7           | 14.8         | 14.7           | 13.1         | 14.2            |
|                         | Non-Navt Int'l                  | 12.2         | 13.5           | 14.3         | 14.9           | 14.5         | 14.5           | 13.7         | 12.9            |
|                         | All Others                      | 12.5         | 12.3           | 12.1         | 12.5           | 12.2         | 13.4           | 12.6         | 12.3            |

*Note.* \* Spring 2017 does not include students that graduated by that semester.

Table A-5

*Mean Performance Measures for Retention across Student Types for Fall 2013 Cohort (N = 1414)*

| <b>Measure</b>          | <b>Student Type</b>              | Spring<br>2014 | Fall<br>2014 | Spring<br>2015 | Fall<br>2015 | Spring<br>2016 | Fall<br>2016 | Spring<br>2017 |
|-------------------------|----------------------------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|
| Continued               | Navitas ( <i>n</i> = 101)        | 95             | 80           | 64             | 56           | 48             | 42           | 44             |
|                         | Non-Navt Int'l ( <i>n</i> = 142) | 124            | 111          | 92             | 78           | 75             | 71           | 62             |
|                         | All Others ( <i>n</i> = 1171)    | 1049           | 916          | 817            | 762          | 723            | 705          | 677            |
| Percent Continued (%)   | Navitas                          | 94.1           | 79.2         | 63.4           | 55.4         | 47.5           | 41.6         | 31.0           |
|                         | Non-Navt Int'l                   | 87.3           | 78.2         | 64.8           | 54.9         | 52.8           | 50.0         | 61.4           |
|                         | All Others                       | 89.6           | 78.2         | 69.8           | 65.1         | 61.7           | 60.2         | 57.8           |
| Returning GPA           | Navitas                          | 2.78           | 2.77         | 2.91           | 2.83         | 3.02           | 3.02         | 2.95           |
|                         | Non-Navt Int'l                   | 2.48           | 2.72         | 2.84           | 2.92         | 2.97           | 2.98         | 2.99           |
|                         | All Others                       | 2.84           | 2.88         | 2.98           | 2.99         | 3.01           | 3.02         | 3.05           |
| Returning Total Credits | Navitas                          | 8.9            | 25.3         | 38.1           | 52.2         | 69.0           | 84.6         | 92.4           |
|                         | Non-Navt Int'l                   | 9.3            | 22.5         | 35.7           | 51.5         | 64.7           | 82.4         | 94.9           |
|                         | All Others                       | 13.6           | 26.9         | 40.0           | 52.9         | 65.5           | 78.5         | 91.3           |
| Credits Taken           | Navitas                          | 14.7           | 13.9         | 14.4           | 14.4         | 14.5           | 13.7         | 13.4           |
|                         | Non-Navt Int'l                   | 13.5           | 13.8         | 14.7           | 14.1         | 14.1           | 14.4         | 13.6           |
|                         | All Others                       | 14.4           | 13.9         | 13.8           | 13.6         | 13.5           | 13.6         | 13.2           |

Table A-6

*Mean Performance Measures for Retention across Student Types for Spring 2014 Cohort (N = 203)*

| <b>Measure</b>          | <b>Student Type</b>              | Fall<br>2014 | Spring<br>2015 | Fall<br>2015 | Spring<br>2016 | Fall<br>2016 | Spring<br>2017 |
|-------------------------|----------------------------------|--------------|----------------|--------------|----------------|--------------|----------------|
| Continued               | Navitas ( <i>n</i> = 47)         | 43           | 33             | 27           | 24             | 20           | 21             |
|                         | Non-Navt Int'l ( <i>n</i> = 116) | 101          | 97             | 76           | 75             | 68           | 62             |
|                         | All Others ( <i>n</i> = 40)      | 32           | 26             | 19           | 16             | 16           | 14             |
| Percent Continued (%)   | Navitas                          | 91.5         | 70.2           | 57.4         | 51.1           | 42.6         | 44.7           |
|                         | Non-Navt Int'l                   | 74.4         | 83.6           | 65.5         | 64.7           | 58.6         | 53.4           |
|                         | All Others                       | 80.0         | 65.0           | 47.5         | 40.0           | 40.0         | 35.0           |
| Returning GPA           | Navitas                          | 2.70         | 2.73           | 2.97         | 2.93           | 2.84         | 2.91           |
|                         | Non-Navt Int'l                   | 2.73         | 2.57           | 2.91         | 2.93           | 3.03         | 3.00           |
|                         | All Others                       | 2.88         | 3.04           | 3.04         | 2.96           | 3.40         | 3.30           |
| Returning Total Credits | Navitas                          | 19.5         | 27.5           | 45.0         | 59.6           | 74.5         | 84.8           |
|                         | Non-Navt Int'l                   | 7.8          | 18.2           | 34.2         | 45.9           | 67.7         | 80.4           |
|                         | All Others                       | 14.8         | 25.3           | 35.6         | 46.8           | 58.4         | 71.4           |
| Credits Taken           | Navitas                          | 13.4         | 13.4           | 14.0         | 14.7           | 14.4         | 12.4           |
|                         | Non-Navt Int'l                   | 12.5         | 13.1           | 14.0         | 14.1           | 15.1         | 14.6           |
|                         | All Others                       | 13.1         | 12.7           | 12.3         | 11.4           | 13.0         | 12.9           |

Table A-7

*Mean Performance Measures for Retention across Student Types for Fall 2014 Cohort (N = 1541)*

| <b>Measure</b>          | <b>Student Type</b>              | Spring<br>2015 | Fall<br>2015 | Spring<br>2016 | Fall<br>2016 | Spring<br>2017 |
|-------------------------|----------------------------------|----------------|--------------|----------------|--------------|----------------|
| Continued               | Navitas ( <i>n</i> = 143)        | 132            | 111          | 102            | 85           | 79             |
|                         | Non-Navt Int'l ( <i>n</i> = 177) | 153            | 127          | 108            | 99           | 86             |
|                         | All Others ( <i>n</i> = 1221)    | 1110           | 948          | 839            | 774          | 742            |
| Percent Continued (%)   | Navitas                          | 92.3           | 77.6         | 71.3           | 59.4         | 55.2           |
|                         | Non-Navt Int'l                   | 86.4           | 71.8         | 61.0           | 55.9         | 48.6           |
|                         | All Others                       | 90.6           | 77.6         | 68.7           | 63.4         | 60.8           |
| Returning GPA           | Navitas                          | 2.76           | 2.89         | 2.90           | 2.88         | 2.91           |
|                         | Non-Navt Int'l                   | 2.55           | 2.73         | 2.94           | 2.96         | 3.00           |
|                         | All Others                       | 2.87           | 2.89         | 3.03           | 3.03         | 3.05           |
| Returning Total Credits | Navitas                          | 10.0           | 28.1         | 39.7           | 55.5         | 68.5           |
|                         | Non-Navt Int'l                   | 11.6           | 24.7         | 38.2           | 53.9         | 68.4           |
|                         | All Others                       | 14.4           | 27.8         | 41.3           | 54.7         | 67.1           |
| Credits Taken           | Navitas                          |                | 14.1         | 14.1           | 13.8         | 14.1           |
|                         | Non-Navt Int'l                   |                | 13.9         | 14.3           | 13.9         | 14.2           |
|                         | All Others                       |                | 14.1         | 14.0           | 13.6         | 13.4           |

Table A-8

*Mean Performance Measures for Retention across Student Types for Spring 2015 Cohort (N = 180)*

| <b>Measure</b>          | <b>Student Type</b>              | Fall<br>2015 | Spring<br>2016 | Fall<br>2016 | Spring<br>2017 |
|-------------------------|----------------------------------|--------------|----------------|--------------|----------------|
| Continued               | Navitas ( <i>n</i> = 11)         | 9            | 9              | 6            | 6              |
|                         | Non-Navt Int'l ( <i>n</i> = 137) | 124          | 114            | 88           | 81             |
|                         | All Others ( <i>n</i> = 32)      | 25           | 25             | 16           | 15             |
| Percent Continued (%)   | Navitas                          | 81.8         | 81.8           | 54.5         | 54.5           |
|                         | Non-Navt Int'l                   | 90.5         | 83.2           | 64.2         | 59.1           |
|                         | All Others                       | 78.1         | 78.1           | 50.0         | 46.9           |
| Returning GPA           | Navitas                          | 2.74         | 2.60           | 3.11         | 3.08           |
|                         | Non-Navt Int'l                   | 2.69         | 2.76           | 2.98         | 3.02           |
|                         | All Others                       | 2.74         | 2.90           | 3.12         | 3.18           |
| Returning Total Credits | Navitas                          | 15.7         | 26.0           | 44.2         | 58.7           |
|                         | Non-Navt Int'l                   | 14.1         | 24.3           | 41.2         | 54.8           |
|                         | All Others                       | 13.6         | 25.2           | 40.2         | 51.7           |
| Credits Taken           | Navitas                          | 15.7         | 15.0           | 14.5         | 13.8           |
|                         | Non-Navt Int'l                   | 14.0         | 14.6           | 14.4         | 14.5           |
|                         | All Others                       | 13.1         | 11.8           | 14.1         | 12.9           |

Table A-9

*Mean Performance Measures for Retention across Student Types for Fall 2015 Cohort (N = 1633)*

| <b>Measure</b>          | <b>Student Type</b>              | Spring<br>2016 | Fall<br>2016 | Spring<br>2017 |
|-------------------------|----------------------------------|----------------|--------------|----------------|
| Continued               | Navitas ( <i>n</i> = 145)        | 136            | 113          | 99             |
|                         | Non-Navt Int'l ( <i>n</i> = 193) | 163            | 135          | 113            |
|                         | All Others ( <i>n</i> = 1295)    | 1181           | 1023         | 901            |
| Percent Continued (%)   | Navitas                          | 93.8           | 77.9         | 68.3           |
|                         | Non-Navt Int'l                   | 84.5           | 69.9         | 58.5           |
|                         | All Others                       | 91.2           | 79.0         | 69.6           |
| Returning GPA           | Navitas                          | 2.89           | 3.04         | 2.99           |
|                         | Non-Navt Int'l                   | 2.49           | 2.73         | 2.91           |
|                         | All Others                       | 2.86           | 2.90         | 3.03           |
| Returning Total Credits | Navitas                          | 11.0           | 28.2         | 39.2           |
|                         | Non-Navt Int'l                   | 11.0           | 24.1         | 38.3           |
|                         | All Others                       | 14.4           | 27.7         | 41.3           |
| Credits Taken           | Navitas                          | 14.8           | 14.1         | 13.6           |
|                         | Non-Navt Int'l                   | 13.0           | 14.0         | 14.5           |
|                         | All Others                       | 14.7           | 14.1         | 14.0           |

Table A-10

*Mean Performance Measures for Retention across Student Types for Spring 2016 Cohort (N = 149)*

| <b>Measure</b>          | <b>Student Type</b>             | Fall<br>2016 | Spring<br>2017 |
|-------------------------|---------------------------------|--------------|----------------|
| Continued               | Navitas ( <i>n</i> = 62)        | 48           | 46             |
|                         | Non-Navt Int'l ( <i>n</i> = 61) | 46           | 44             |
|                         | All Others ( <i>n</i> = 26)     | 21           | 18             |
| Percent Continued (%)   | Navitas                         | 77.4         | 74.2           |
|                         | Non-Navt Int'l                  | 75.4         | 72.1           |
|                         | All Others                      | 80.8         | 69.2           |
| Returning GPA           | Navitas                         | 2.79         | 2.96           |
|                         | Non-Navt Int'l                  | 2.79         | 2.95           |
|                         | All Others                      | 2.99         | 3.05           |
| Returning Total Credits | Navitas                         | 15.7         | 24.4           |
|                         | Non-Navt Int'l                  | 9.7          | 20.6           |
|                         | All Others                      | 15.4         | 26.7           |
| Credits Taken           | Navitas                         | 13.9         | 13.3           |
|                         | Non-Navt Int'l                  | 13.3         | 14.6           |
|                         | All Others                      | 13.3         | 13.8           |

Table A-11

*Mean Performance Measures for Retention across Student Types for Fall 2016 Cohort (N = 1497)*

| <b>Measure</b>          | <b>Student Type</b>              | <b>Spring<br/>2017</b> |
|-------------------------|----------------------------------|------------------------|
| Continued               | Navitas ( <i>n</i> = 148)        | 130                    |
|                         | Non-Navt Int'l ( <i>n</i> = 135) | 124                    |
|                         | All Others ( <i>n</i> = 1389)    | 1243                   |
| Percent Continued (%)   | Navitas                          | 87.8                   |
|                         | Non-Navt Int'l                   | 91.9                   |
|                         | All Others                       | 89.5                   |
| Returning GPA           | Navitas                          | 2.96                   |
|                         | Non-Navt Int'l                   | 2.82                   |
|                         | All Others                       | 2.91                   |
| Returning Total Credits | Navitas                          | 11.7                   |
|                         | Non-Navt Int'l                   | 11.6                   |
|                         | All Others                       | 14.9                   |
| Credits Taken           | Navitas                          | 16.0                   |
|                         | Non-Navt Int'l                   | 13.2                   |
|                         | All Others                       | 14.6                   |