

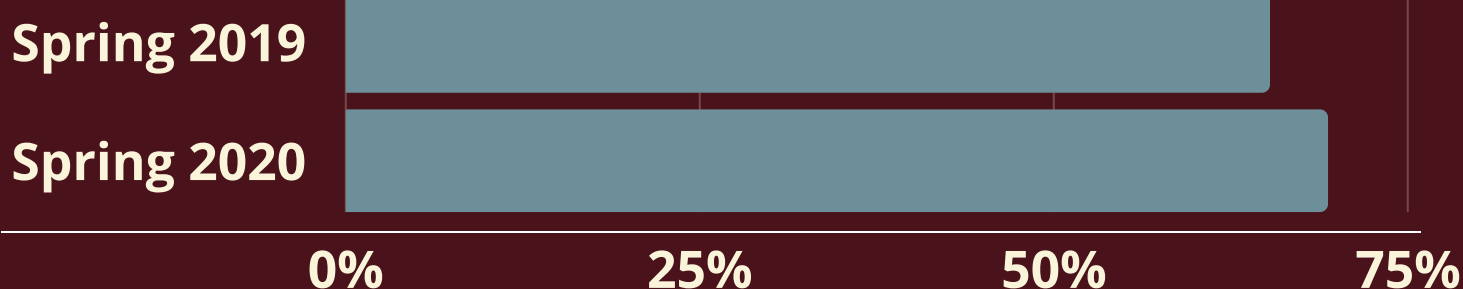


# DISTANCE EDUCATION

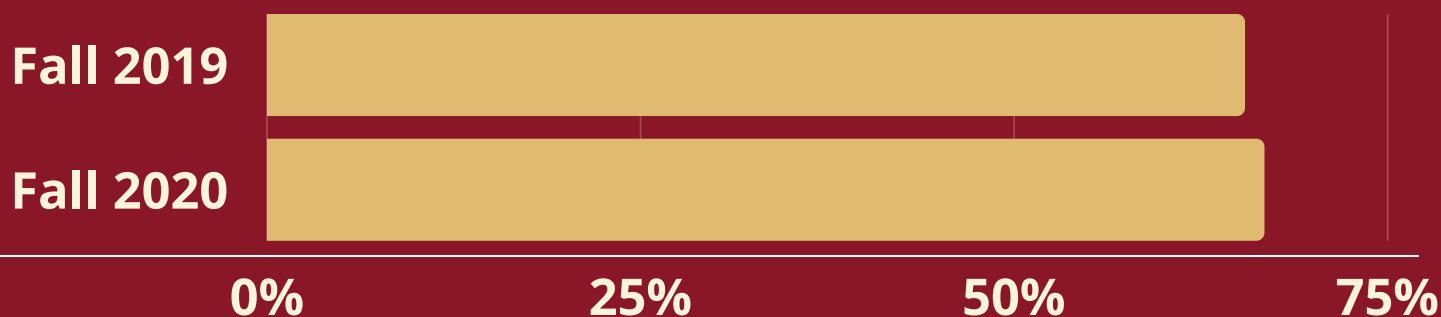
## COVID Pandemic 2019-2020

In a study on distance education success rates before and during the COVID pandemic, the following trends were found when comparing Spring 19 to Spring 20, and Fall 19 to Fall 20:

**Spring 2020 overall success rate (69.3%) was significantly higher than Spring 2019 (65.2% for online only)**

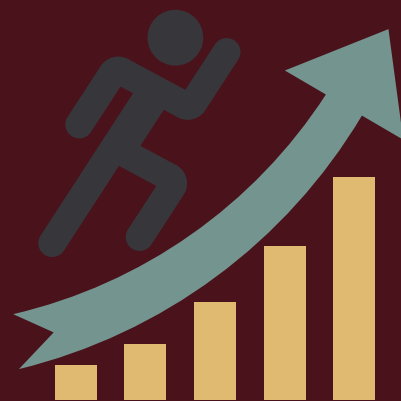


**There was no significant difference between Fall 2020 overall success rate (66.7%) and Fall 2019 (65.4% for online only)**



**There were increases in success rates before and during COVID for most disproportionately impacted groups including:**

- African-American/ Black male
- African American/ Black female
- Hispanic male



**Spring 2019  
Online Only**

| Gender       | Ethnicity        | enroll_ct    | success_ct   | success_rate | DI_suc   | Close Gap |
|--------------|------------------|--------------|--------------|--------------|----------|-----------|
| Female       | African American | 204          | 112          | 54.9%        | 1        | 23        |
|              | Asian            | 150          | 118          | 78.7%        | 0        | 0         |
|              | Hispanic         | 1,047        | 678          | 64.8%        | 0        | 7         |
|              | Native American  | 10           | 4            | 40.0%        | 0        | 3         |
|              | Pacific Islander | 11           | 7            | 63.6%        | 0        | 1         |
|              | Two or More      | 29           | 20           | 69.0%        | 0        | 0         |
|              | Unknown          | 10           | 6            | 60.0%        | 0        | 1         |
|              | White            | 533          | 373          | 70.0%        | 0        | 0         |
| Male         | African American | 143          | 78           | 54.5%        | 1        | 16        |
|              | Asian            | 145          | 111          | 76.6%        | 0        | 0         |
|              | Hispanic         | 534          | 328          | 61.4%        | 1        | 25        |
|              | Native American  | 2            | 2            | 100.0%       | 0        | 0         |
|              | Pacific Islander | 6            | 5            | 83.3%        | 0        | 0         |
|              | Two or More      | 14           | 9            | 64.3%        | 0        | 1         |
|              | Unknown          | 14           | 9            | 64.3%        | 0        | 1         |
|              | White            | 308          | 200          | 64.9%        | 0        | 1         |
| <b>Total</b> |                  | <b>3,160</b> | <b>2,060</b> | <b>65.2%</b> | <b>0</b> | <b>0</b>  |

**Spring 2020  
All sections**

| Gender       | Ethnicity        | enroll_ct     | success_ct    | success_rate  | DI_suc   | Close Gap |
|--------------|------------------|---------------|---------------|---------------|----------|-----------|
| Female       | African American | 742           | 484           | 65.2%         | 1        | 32        |
|              | Asian            | 1,101         | 919           | 83.5%         | 0        | 0         |
|              | Hispanic         | 7,138         | 4,897         | 68.6%         | 0        | 71        |
|              | Native American  | 41            | 30            | 73.2%         | 0        | 0         |
|              | Pacific Islander | 31            | 23            | 74.2%         | 0        | 0         |
|              | Two or More      | 133           | 88            | 66.2%         | 0        | 5         |
|              | Unknown          | 153           | 108           | 70.6%         | 0        | 0         |
|              | White            | 2,462         | 1,851         | 75.2%         | 0        | 0         |
| Male         | African American | 745           | 462           | 62.0%         | 1        | 57        |
|              | Asian            | 1,285         | 1,001         | 77.9%         | 0        | 0         |
|              | Hispanic         | 6,075         | 3,866         | 63.6%         | 1        | 467       |
|              | Native American  | 58            | 33            | 56.9%         | 0        | 8         |
|              | Pacific Islander | 63            | 49            | 77.8%         | 0        | 0         |
|              | Two or More      | 172           | 111           | 64.5%         | 0        | 9         |
|              | Unknown          | 226           | 135           | 59.7%         | 1        | 22        |
|              | White            | 2,595         | 1,893         | 72.9%         | 0        | 0         |
| <b>Total</b> |                  | <b>23,020</b> | <b>15,950</b> | <b>69.3%*</b> | <b>0</b> | <b>0</b>  |

\* significant difference between groups (t = 4.476, p<.01)

| Fall 2019<br>Online Only |                  |              |              |               |          |           |
|--------------------------|------------------|--------------|--------------|---------------|----------|-----------|
| Gender                   | Ethnicity        | enroll_ct    | success_ct   | success_rate  | DI_suc   | Close Gap |
| Female                   | African American | 270          | 137          | 50.7%         | 1        | 43        |
|                          | Asian            | 169          | 143          | 84.6%         | 0        | 0         |
|                          | Hispanic         | 1,305        | 847          | 64.9%         | 0        | 10        |
|                          | Native American  | 11           | 9            | 81.8%         | 0        | 0         |
|                          | Pacific Islander | 16           | 12           | 75.0%         | 0        | 0         |
|                          | Two or More      | 44           | 31           | 70.5%         | 0        | 0         |
|                          | Unknown          | 30           | 23           | 76.7%         | 0        | 0         |
|                          | White            | 583          | 422          | 72.4%         | 0        | 0         |
| Male                     | African American | 119          | 57           | 47.9%         | 1        | 22        |
|                          | Asian            | 167          | 130          | 77.8%         | 0        | 0         |
|                          | Hispanic         | 662          | 393          | 59.4%         | 1        | 49        |
|                          | Native American  | 3            | 2            | 66.7%         | 0        | 0         |
|                          | Pacific Islander | 12           | 8            | 66.7%         | 0        | 0         |
|                          | Two or More      | 29           | 13           | 44.8%         | 1        | 7         |
|                          | Unknown          | 26           | 15           | 57.7%         | 0        | 3         |
|                          | White            | 321          | 221          | 68.8%         | 0        | 0         |
| <b>Total</b>             |                  | <b>3,767</b> | <b>2,463</b> | <b>65.40%</b> | <b>0</b> | <b>0</b>  |

| Fall 2020<br>All sections |                  |               |               |               |          |           |
|---------------------------|------------------|---------------|---------------|---------------|----------|-----------|
| Gender                    | Ethnicity        | enroll_ct     | success_ct    | success_rate  | DI_suc   | Close Gap |
| Female                    | African American | 799           | 491           | 61.5%         | 1        | 44        |
|                           | Asian            | 1,174         | 970           | 82.6%         | 0        | 0         |
|                           | Hispanic         | 7,629         | 4,949         | 64.9%         | 1        | 203       |
|                           | Native American  | 52            | 25            | 48.1%         | 1        | 10        |
|                           | Pacific Islander | 48            | 22            | 45.8%         | 1        | 11        |
|                           | Two or More      | 233           | 159           | 68.2%         | 0        | 0         |
|                           | Unknown          | 158           | 114           | 72.2%         | 0        | 0         |
|                           | White            | 2,521         | 1,847         | 73.3%         | 0        | 0         |
| Male                      | African American | 727           | 368           | 50.6%         | 1        | 121       |
|                           | Asian            | 1,246         | 947           | 76.0%         | 0        | 0         |
|                           | Hispanic         | 6,187         | 3,957         | 64.0%         | 1        | 228       |
|                           | Native American  | 38            | 25            | 65.8%         | 0        | 1         |
|                           | Pacific Islander | 78            | 40            | 51.3%         | 1        | 13        |
|                           | Two or More      | 211           | 137           | 64.9%         | 0        | 4         |
|                           | Unknown          | 212           | 115           | 54.2%         | 1        | 27        |
|                           | White            | 2,676         | 1,831         | 68.4%         | 0        | 0         |
| <b>Total</b>              |                  | <b>23,989</b> | <b>15,997</b> | <b>66.70%</b> | <b>0</b> | <b>0</b>  |

Not a significant difference (t = 1.55, p>.05)