Valencia College participated in the national 2012 ECAR Student Technology Study by invitation from ECAR. Over 235,000 undergraduate students from nearly 250 institutions responded to the survey this year. This three-page handout was developed by ECAR to convey a snapshot of the national results. We also have added the findings specific to Valencia College for comparison.

The final response count from Valencia: 781

Response rate: 35% (Based on the sample of 8,163 students invited to take the survey)

The overall survey response rate nationally was approximately 8%, with a range from 2% to 41%.

A longer report of the national results from ECAR is available upon request and it has been posted on the Valencia Institutional Assessment Website (www.valenciacollege.edu/ia → Surveys)

Laura Blac, Director, Institutional Assessment
Contact: lblac@valenciacollege.edu
Revised Nov. 26, 2012 / Original Sept. 18, 2012

Valencia College ECAR Demographics

<table>
<thead>
<tr>
<th>Race/Ethnicity</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>781</td>
</tr>
<tr>
<td>White</td>
<td>720 (92.2%)</td>
</tr>
<tr>
<td>Hispanic</td>
<td>19 (2.4%)</td>
</tr>
<tr>
<td>Black/African American</td>
<td>12 (1.5%)</td>
</tr>
<tr>
<td>Other</td>
<td>20 (2.6%)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Gender</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>781</td>
</tr>
<tr>
<td>Male</td>
<td>395 (50.3%)</td>
</tr>
<tr>
<td>Female</td>
<td>386 (49.7%)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Age</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>18 – 24</td>
<td>493 (63.0%)</td>
</tr>
<tr>
<td>25 – 30</td>
<td>259 (32.8%)</td>
</tr>
<tr>
<td>31 and above</td>
<td>29 (3.7%)</td>
</tr>
<tr>
<td>40 and above</td>
<td>11 (1.4%)</td>
</tr>
</tbody>
</table>
Moving beyond Platforms and Devices

Learning Environments and Engaging Students with Technology

Importance of devices to academic success

- E-reader: 44%
- Scanner/Printer: 40%
- Smartphone/Tablet: 45%
- Desktop/Laptop: 54%
- Thumb drive: 68%
- Videoconference/Online chatting: 84%

66% of students say they were prepared to use needed technology when they entered college.

33% of students say that technology helps them achieve their academic outcomes.

Usage of devices

- E-reader: 46%
- Smartphone: 70%
- Tablet: 62%
- Desktop/Laptop: 64%

Percentage of students using smartphones

- E-reader: 44%
- Smartphone: 46%
- Tablet: 41%
- Desktop/Laptop: 37%

In 2008 15% of students said they took a class completely online; in 2012 31% did.

Of students say they learn most in blended learning environments.

54% of students say they are more actively involved in courses that use technology.

31% of students say they skip classes when course lectures are available online.

66% of students say it's important to have an online forum to communicate with other students.

75% of students say that technology helps them achieve their academic outcomes.

74% of students say they have taken at least one course that includes online components.

70% of students say they learn most in blended learning environments.

57% of students say they wish their instructors used more open educational resources.

16% of students say they skip classes when course lectures are available online.

55% of students say they wish their instructors used more simulations or educational games.

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The data in this infographic comes from the ECAR report, ECAR Study of Undergraduate Students and Information Technology, 2012. Visit educause.edu/ECAR-Student-2012 to view the full report.