

Townhall Presentation: Student Surveys and Other Planning Data

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Acknowledgements

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 - Dr. Na Liu
 - Dr. Indra Liauw
 - Svetlana Tkachenko
 - Tommy Chan

Agenda

- How is data being used for planning?
 - Data from IR Database
 - Data from Student Surveys
 - Data from Faculty Survey
 - Data from Classified Professionals Survey

Data from Database

- Demographic data on characteristics of students who take DE by choice
- Historical-Current data on headcounts of students who withdrew from ALL classes
 - How, if at all, does it differ in this semester?
- Historical-Current data on grades, Ws, and XWs
- Which disciplines are experiencing above average percentage of XWs?

Demographics of Students Across Instructional Delivery Methods

- Created a handout for senior leadership displaying the demographics of students who take only distance education (DE) classes, those who take only face-to-face (F-to-F) classes, and those who take a mixture of DE and F-to-F.
- Snapshot of handout...

| | Distance Education Only | | Face-to-Face Only | | Mixture of DE & F-to-F | |
|--------------|-------------------------|------------|-------------------|------------|------------------------|------------|
| Total | Num | Pct | Num | Pct | Num | Pct |
| Students | 2,733 | 20% | 7,265 | 54% | 3,348 | 25% |
| | | | | | | |
| Gender | Num | Pct | Num | Pct | Num | Pct |
| Female | 1,770 | 65% | 3,130 | 43% | 1,848 | 55% |
| Male | 911 | 33% | 3,964 | 55% | 1,452 | 43% |
| Unknown | 52 | 2% | 171 | 2% | 48 | 1% |

Observation and Implications for Fall 2020

Observation:

- ❑ Students who take only DE classes tend to be **female, part-time, continuing, with educational goals of transfer/degree and job-training.**

Implications for Fall 2020:

- ❑ In Spring 2020, the majority of students who take *only* DE classes are part-time.
 - ❑ IF course taking patterns of students who *must* take only DE courses matches → we would need to recruit many more students (i.e., have a higher headcount), in order to reach past FTES levels.
- ❑ Encourage students to take more units and offer more learning and support services to these students. This could positively impact students' success. Further, FTES gains could be made if more students are supported and therefore, persist.
- ❑ In Spring 2020, DE only students were far less likely to be male.
 - ❑ Perhaps enhance recruitment/marketing for this population?

Headcount of Students Who Withdrew From All Classes by Semester

Spring 2020 Data is as of **5/26/2020**

| | Students who withdrew from all classes | | Did not withdraw from all classes | | Total | |
|--------------|--|-----|-----------------------------------|-----|--------|------|
| Semester | Num | Pct | Num | Pct | Num | Pct |
| Spring 2015 | 1,291 | 10% | 12,064 | 90% | 13,355 | 100% |
| Spring 2016 | 1,178 | 9% | 12,442 | 91% | 13,620 | 100% |
| Spring 2017 | 1,203 | 9% | 12,194 | 91% | 13,397 | 100% |
| Spring 2018 | 1,174 | 9% | 12,625 | 91% | 13,799 | 100% |
| Spring 2019 | 1,051 | 8% | 12,402 | 92% | 13,453 | 100% |
| Spring 2020* | 1,797 | 13% | 11,549 | 87% | 13,346 | 100% |

*Data for Spring 2020 are still preliminary

Grades and Withdrawals by Semester

Spring 2020 Data is as of **5/26/2020**

| Semester | Grades (A,B,C,D,F...) | | Withdrawals - W | | XW | | Total | |
|--------------|-----------------------|-----|-----------------|-----|-------|-----|--------|------|
| | Num | Pct | Num | Pct | Num | Pct | Num | Pct |
| Spring 2015 | 29,508 | 84% | 5,484 | 16% | 0 | 0% | 34,992 | 100% |
| Spring 2016 | 29,882 | 85% | 5,330 | 15% | 0 | 0% | 35,212 | 100% |
| Spring 2017 | 29,260 | 85% | 5,114 | 15% | 0 | 0% | 34,374 | 100% |
| Spring 2018 | 29,769 | 86% | 4,986 | 14% | 0 | 0% | 34,755 | 100% |
| Spring 2019 | 29,079 | 87% | 4,396 | 13% | 0 | 0% | 33,475 | 100% |
| Spring 2020* | 26,561 | 78% | 2,897 | 9% | 4,492 | 13% | 33,950 | 100% |

*Data for Spring 2020 are still preliminary

Withdrawals (regular “W” and extraordinary “XW”) by Discipline

- Created a handout to look at the number and percent of withdrawals and extraordinary withdrawals by discipline →
- Which disciplines have highest XWs (i.e., might be most in need of FtoF physically distanced in fall)?
- Snapshot of handout...

| Discipline | Ungraded | | A,B,C,P,D,F,NP, NCA,NCP | | W | | XW | | Total | |
|------------|----------|-----|----------------------------|-----|-----|-----|-----|-----|-------|------|
| | Num | Pct | Num | Pct | Num | Pct | Num | Pct | Num | Pct |
| ADMJ | 364 | 62% | 99 | 17% | 38 | 7% | 82 | 14% | 583 | 100% |
| ADPE | 0 | 0% | 54 | 98% | 1 | 2% | 0 | 0% | 55 | 100% |
| ANAT | 111 | 54% | 31 | 15% | 22 | 11% | 42 | 20% | 206 | 100% |
| ANTH | 114 | 15% | 457 | 61% | 74 | 10% | 108 | 14% | 753 | 100% |

Disciplines with Above Average Extraordinary Withdrawals as of May 26th ($\geq 17\%$)

- **ANAT** (20%)
- **ARCH** (17%)
- **ART** (27%)
- **ATEC** (17%)
- **CAS** (19%)
- **CHEM** (17%)
- **CSCI** (19%)
- **DANC** (26%)
- **ECN** (18%)
- **EMS** (27%)
- **ENGL** (21%)
- **ENGR** (30%)
- **ENTR** (32%)
- **GNST** (22%)
- **HIS** (17%)
- **JAPN** (17%)
- **LIBS** (21%)
- **MTH** (18%)
- **MUSA** (33%)
- **MUSP** (43%)
- **PLGL** (37%)
- **PSCN** (17%)
- **SERV** (27%)
- **SL** (18%)
- **TUTR** (21%)
- **WELD** (27%)

Data from Surveys

- Student surveys
- Faculty survey
- Classified Professionals survey

Student Survey 1: Online Learning Needs

- First survey administered: *April 2nd-9th, 2020*
- 2,425 out of 13,304* students took the survey (18%)
- Primary purpose: establish students' needs with regard to technology for online learning

* 13,304 is the Spring 2020 headcount at the time the survey was run.

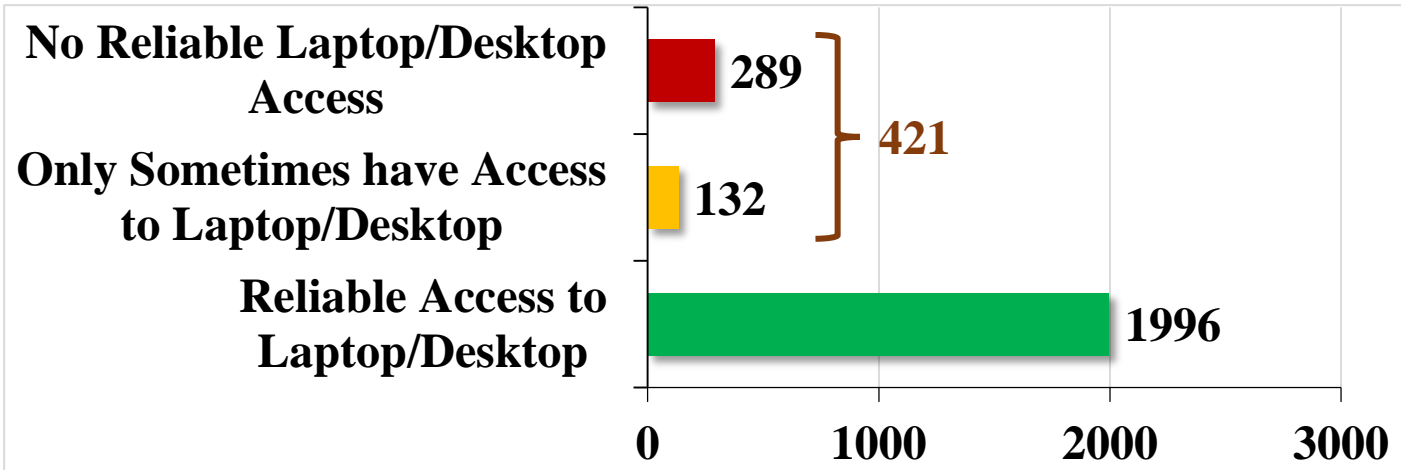
Student Survey 2: Student Experiences in the Transition to Online Learning

- Second survey administered: May 14th – May 26th, 2020
- 1,536 out of 13,346 Spring 2020 students took the survey (~12%)
 - Compared to all Chabot students enrolled in Spring 2020:
 - Students who are female students, full-time students (taking 12+ units), and with educational goals of Transfer (with/without AA/AS Degree) and Degree (AA/AS) are over represented in this survey
 - Students who are part-time taking 0.5-5.5 units and with an educational goal of a certificate are under represented.

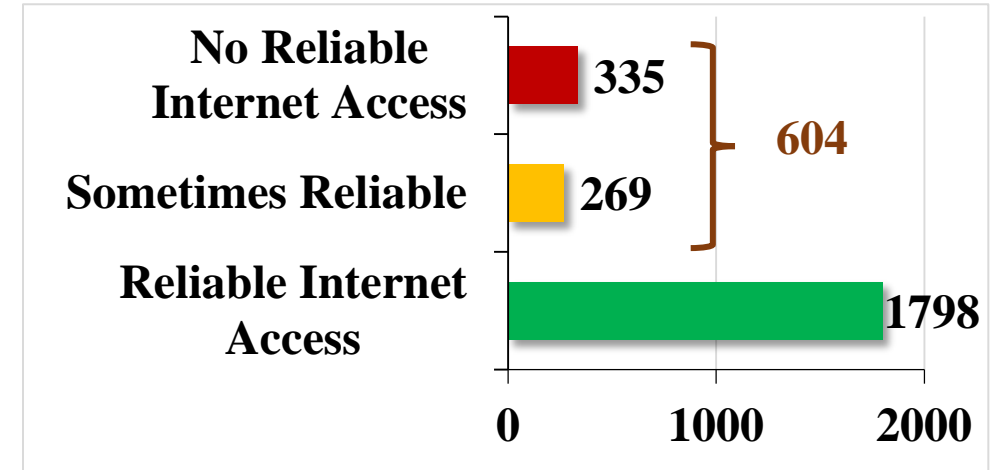
*13,346 is the Spring 2020 headcount at the time the survey was run.

Survey 1 (April): Students' Technology Needs

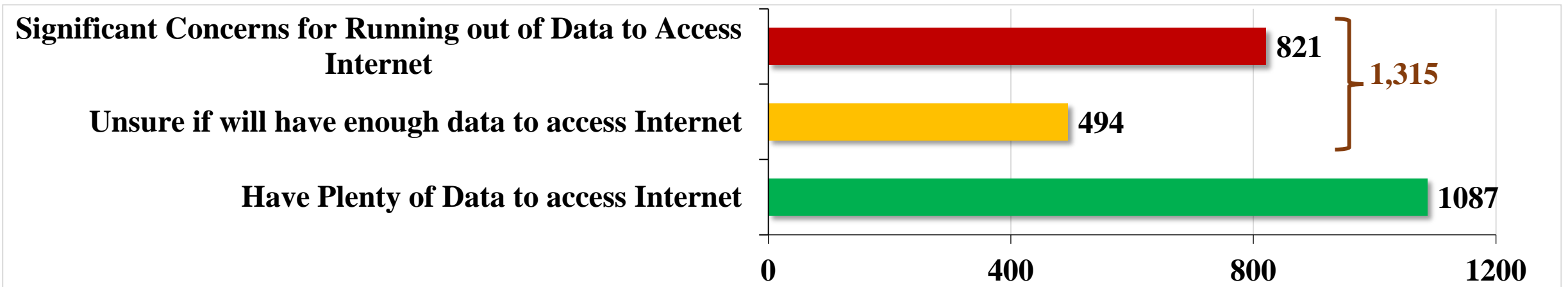
Reliable Access to a Laptop/Desktop Computer



Reliable Internet Access

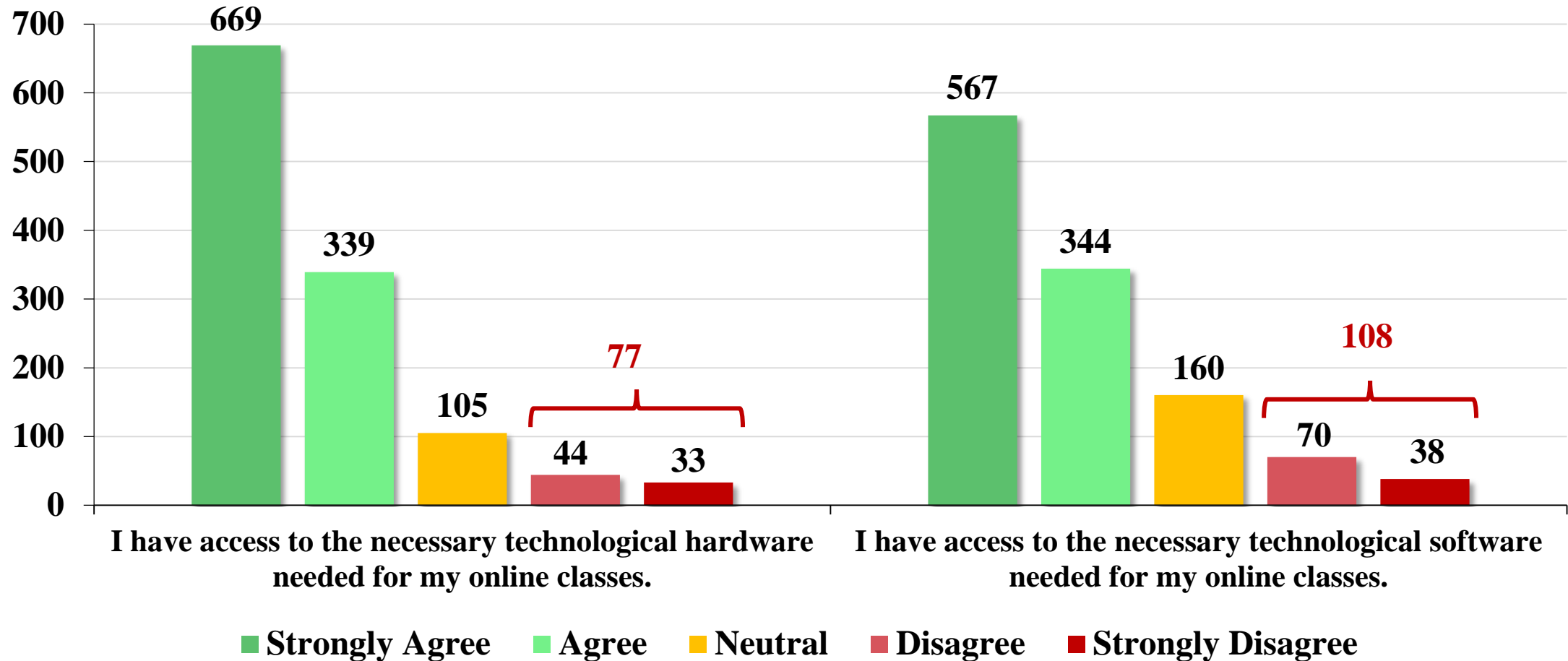


Sufficient Data to Access Internet

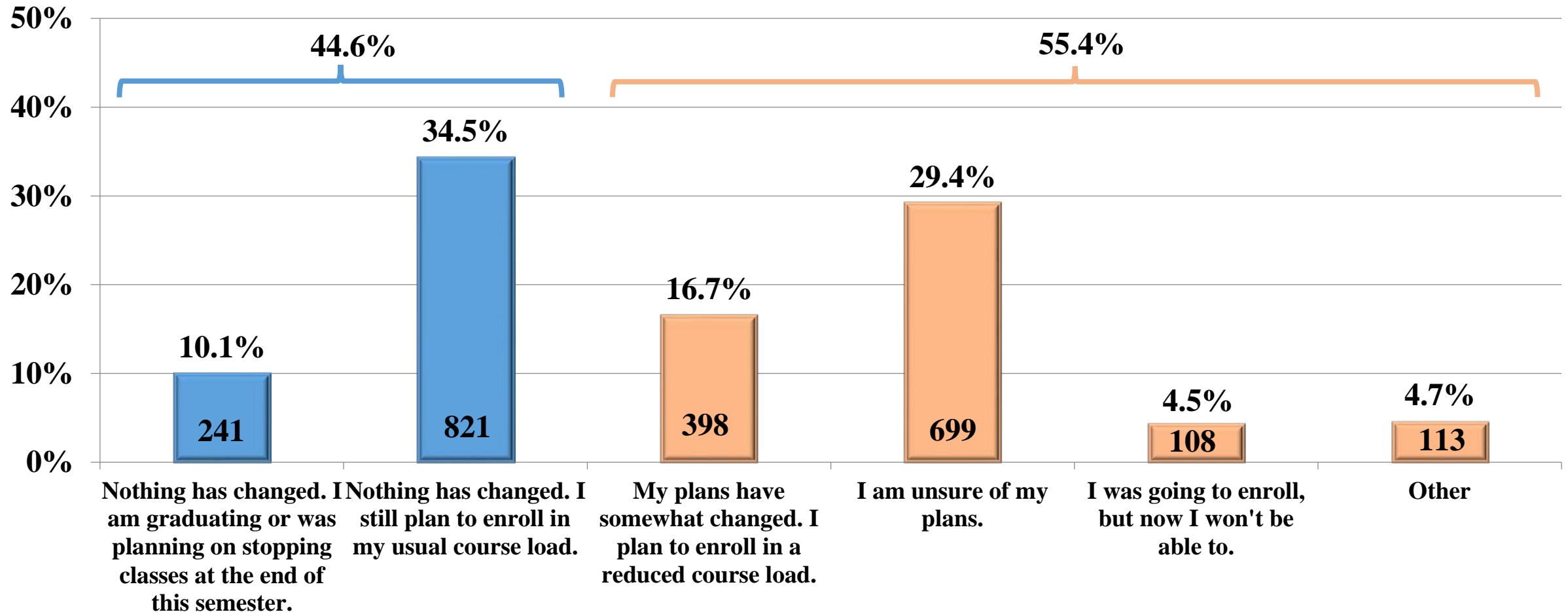


Survey 2 (May): Students' Technology Needs

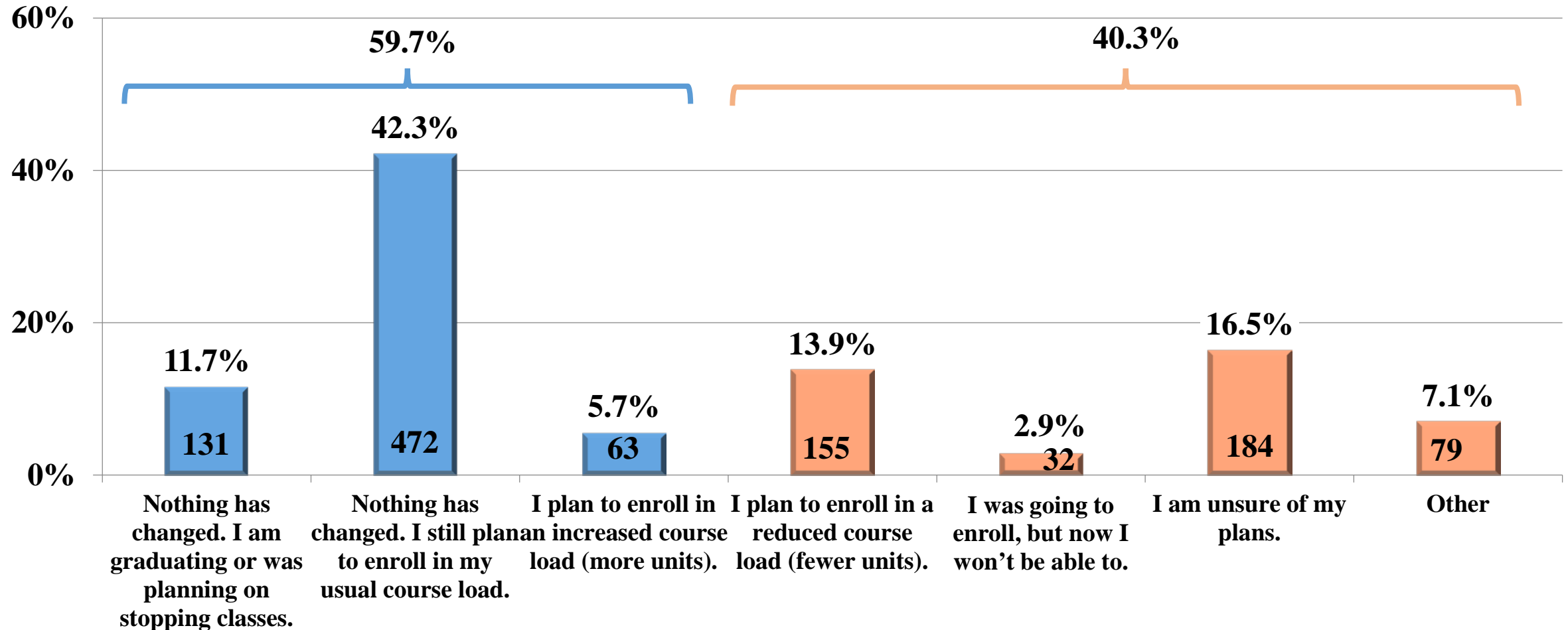
Access to the technological hardware and software



Survey 1 (April): How, if at all, has Covid-19 impacted your educational plans for this coming summer and/or fall 2020?



Survey 2 (May): How, if at all, has Covid-19 impacted your educational plans for this coming summer and/or fall 2020?

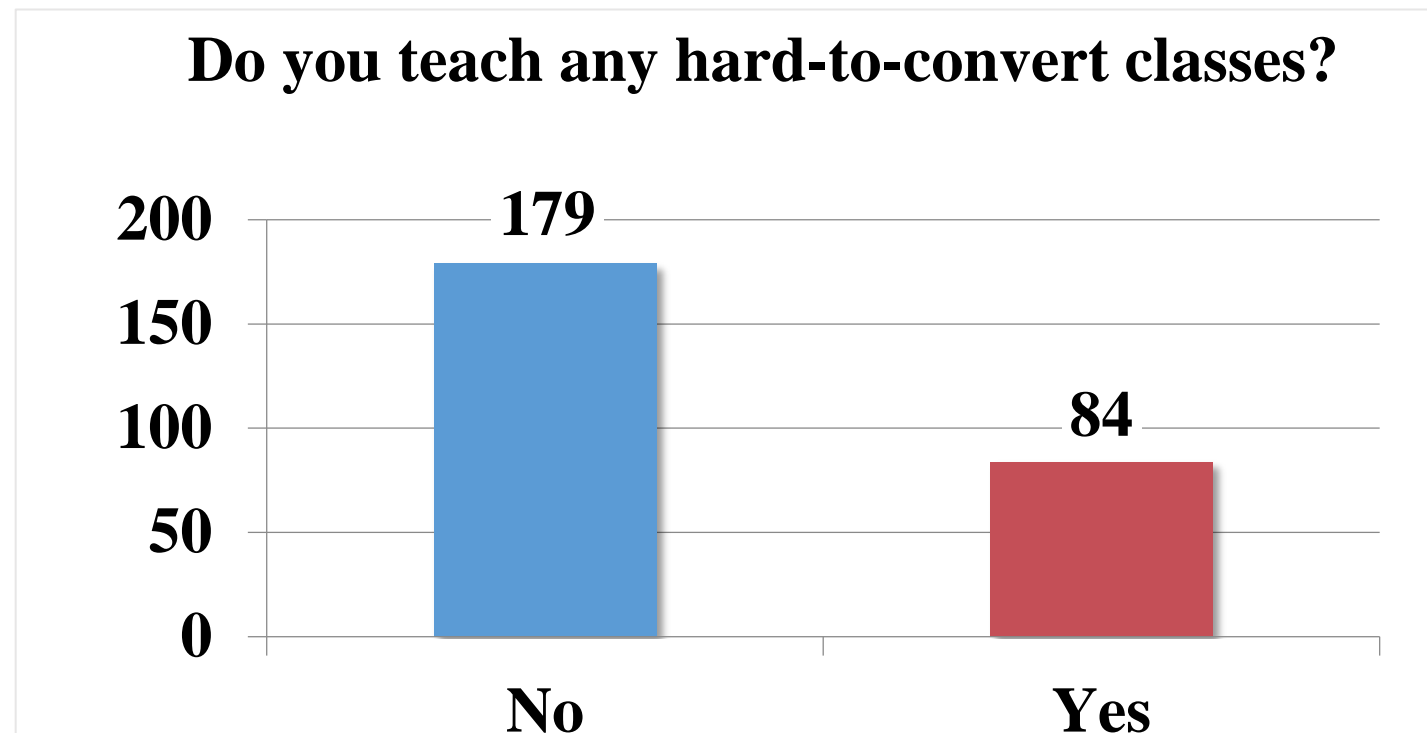


Faculty Survey

- Chabot Faculty Survey May 7th - May 11th, 2020
 - 267 (55%) of the roughly 483 instructors at Chabot at the time of the survey responded (55%)
- Primary purposes:
 - Assess faculty perspectives on the effectiveness of various instructional delivery methods (e.g., online, face-to-face, etc.)
 - Assess faculty teaching desires for Fall 2020

Faculty Survey

Faculty from across the divisions who teach both easy and hard-to-convert classes responded

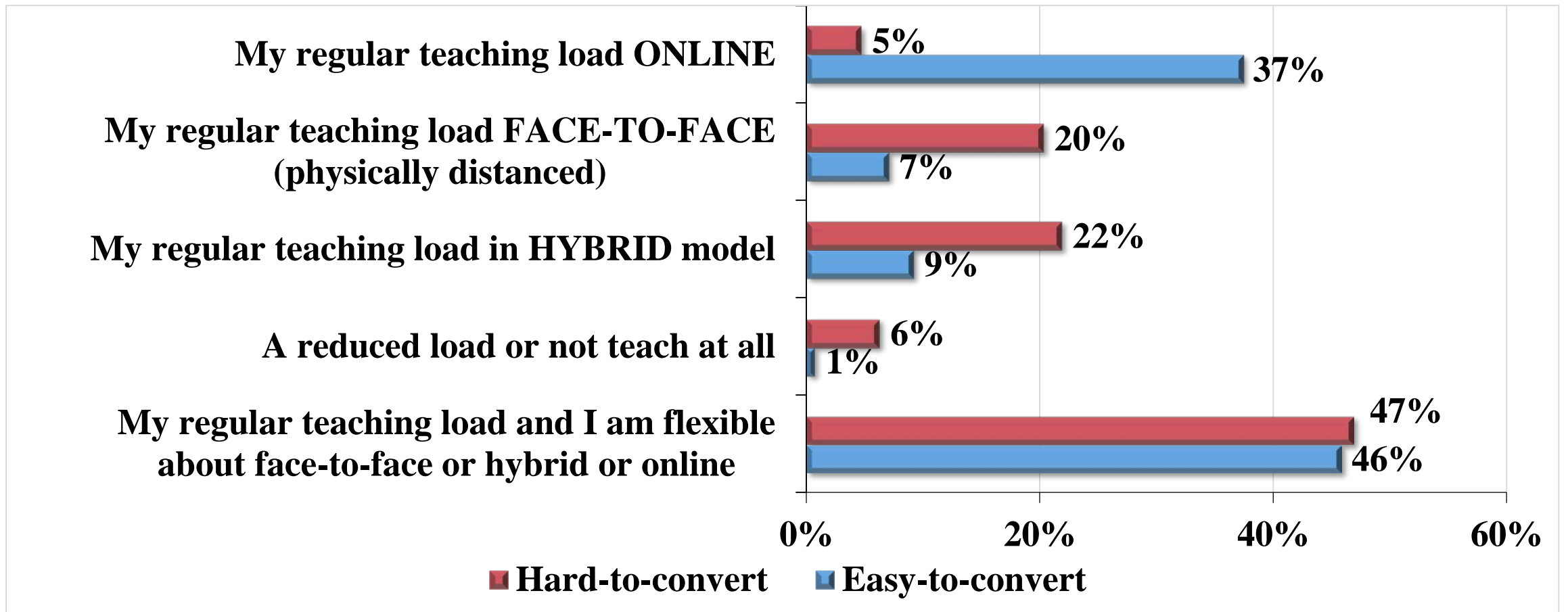


Faculty Survey

- Faculty members were asked how well they believe each instructional delivery method (e.g., face-to-face, hybrid, online) can facilitate student learning
- Not surprisingly, faculty of easy-to-convert and hard-to-convert classes differed in their ratings of each instructional delivery method
- For faculty members of “easy-to-convert” classes:
 - 81% believed ONLINE with typical tools (e.g, Canvas, Zoom, etc.) would facilitate student learning well or very well
 - 71% believed HYBRID would facilitate student learning well or very well
- For faculty members of “hard-to-convert” classes:
 - 84% believed FACE-TO-FACE (with physical distancing) would facilitate student learning well or very well
 - Hybrid was rated the second strongest, with 77%

Faculty Survey

Assuming the state & local shelter-in-place order is removed or modified to permit face-to-face instruction AND Chabot is able to enact protective guidelines, in Fall 2020, I want to teach ...

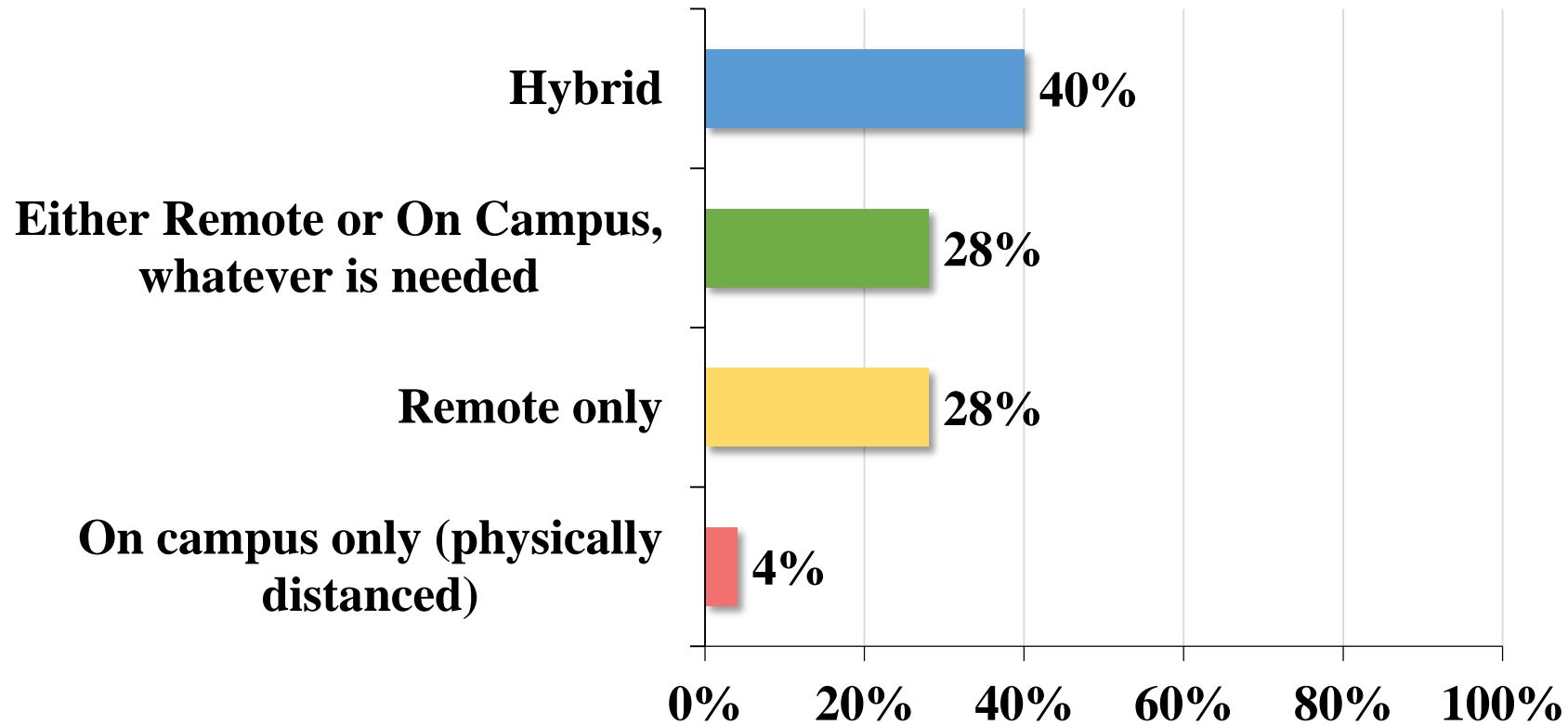


Classified Professionals Survey

- OIR is grateful to Director Kessler and Senate President Adams and SEIU VP K Metcalf for being able to move forward quickly on a survey for Classified Professionals.
- The next two slides are visualizations from the results of their Classified Professionals Survey.

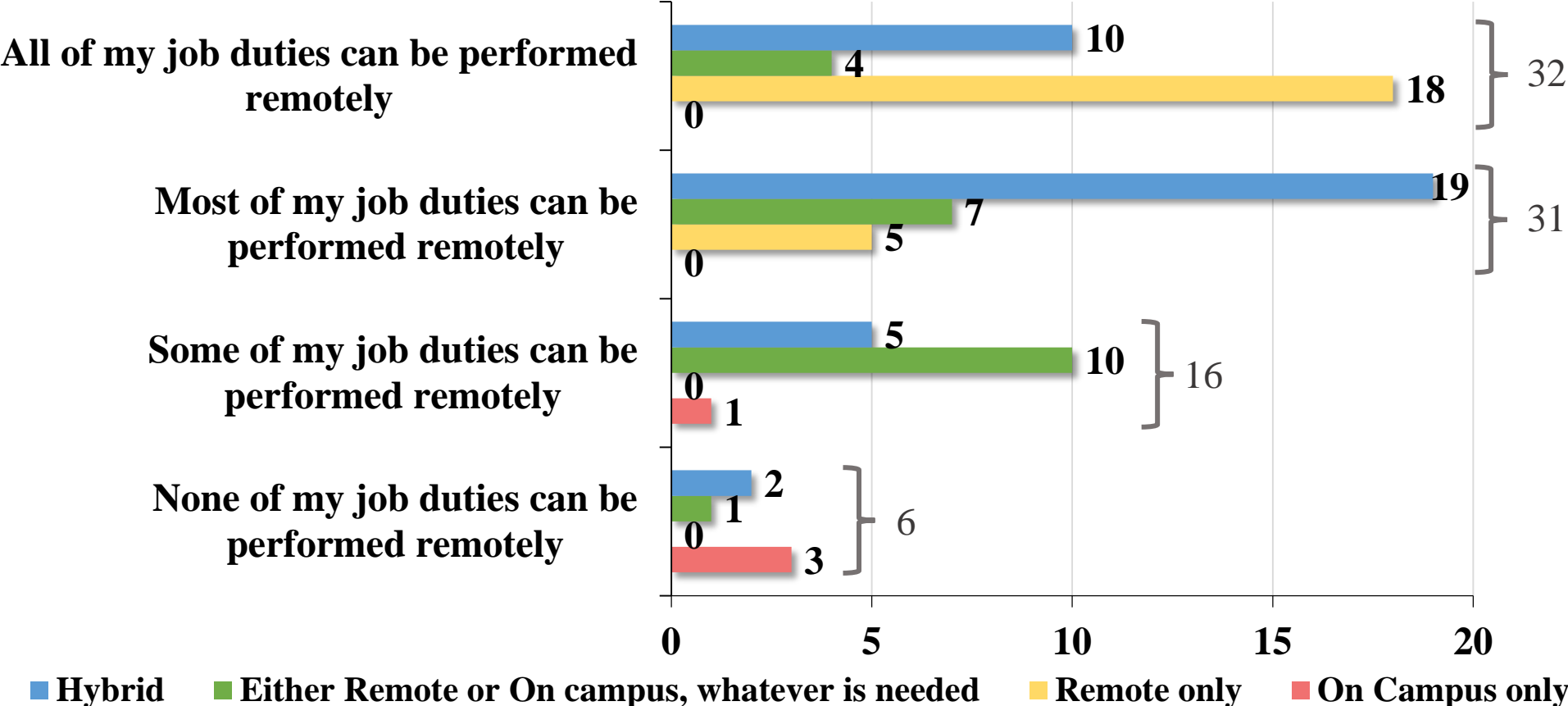
Classified Professionals Survey

Which best describes your working location preference for Fall 2020?



Classified Professionals Survey

Work Preference in Fall 2020 on whether Job Duties can be performed remotely:



What's Next?

- OIR will continue to support Chabot College with research for evidence-based decision-making
 - XWs will continue to change, more data coming soon
 - The second student survey has much more rich data to share
 - Services that students anticipate using in Fall 2020
 - Overall satisfaction with Chabot's transition to online learning and student services
 - Faculty made open-ended comments about suggestions and needs to online teaching and learning, qualitative analysis coming soon
 - Student Satisfaction Survey data