

FACULTY PREDICT THE FUTURE (AND LEARN FROM THE PAST)

ONLINE LEARNING CONSORTIUM

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DR. JEFF SEAMAN

DR. JULIA SEAMAN



INTRODUCTION TO BAY VIEW ANALYTICS

Bay View Analytics offers a comprehensive suite of consulting services in survey design and statistical research. Our services build on nearly two decades of research design, sampling, survey design, and statistical analysis expertise.



Julia Seaman, Ph.D.
Director of Research



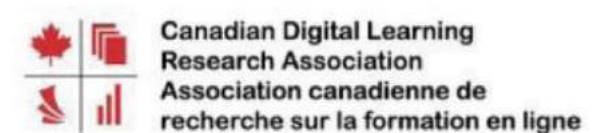
Jeff Seaman, Ph.D.
Director



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- Data Sources
- Has the glow dimmed for online teaching?
- How will Artificial Intelligence change teaching? Do faculty think their institution is ready?
- How optimistic are faculty about the future?
- What barriers are students facing?
- Discussion, Q+A

DIGITAL LEARNING PULSE SURVEYS



Spring 2020

Summer 2020

Fall 2020

Spring 2021

Fall 2021

Spring 2022

Fall 2022

Fall 2023

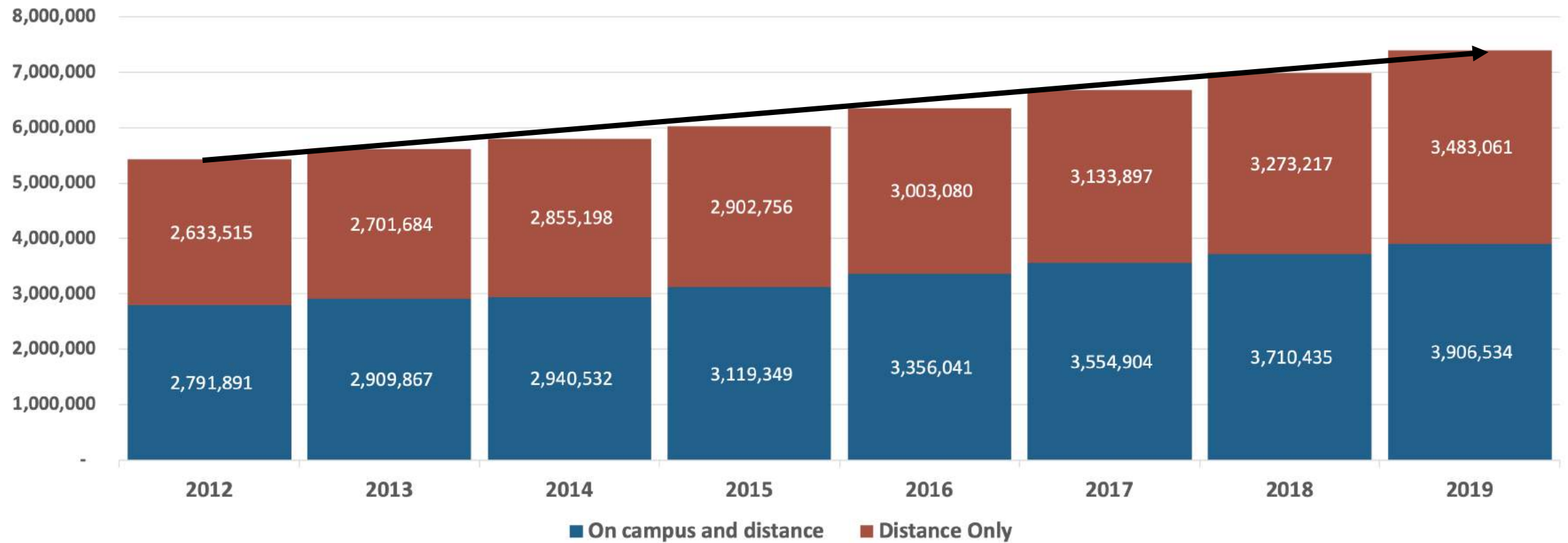


HAS THE GLOW DIMMED FOR ONLINE TEACHING?



SETTING THE STAGE: ONLINE LEARNING

Online Fall Enrollment 2012 to 2019



Source: National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS)

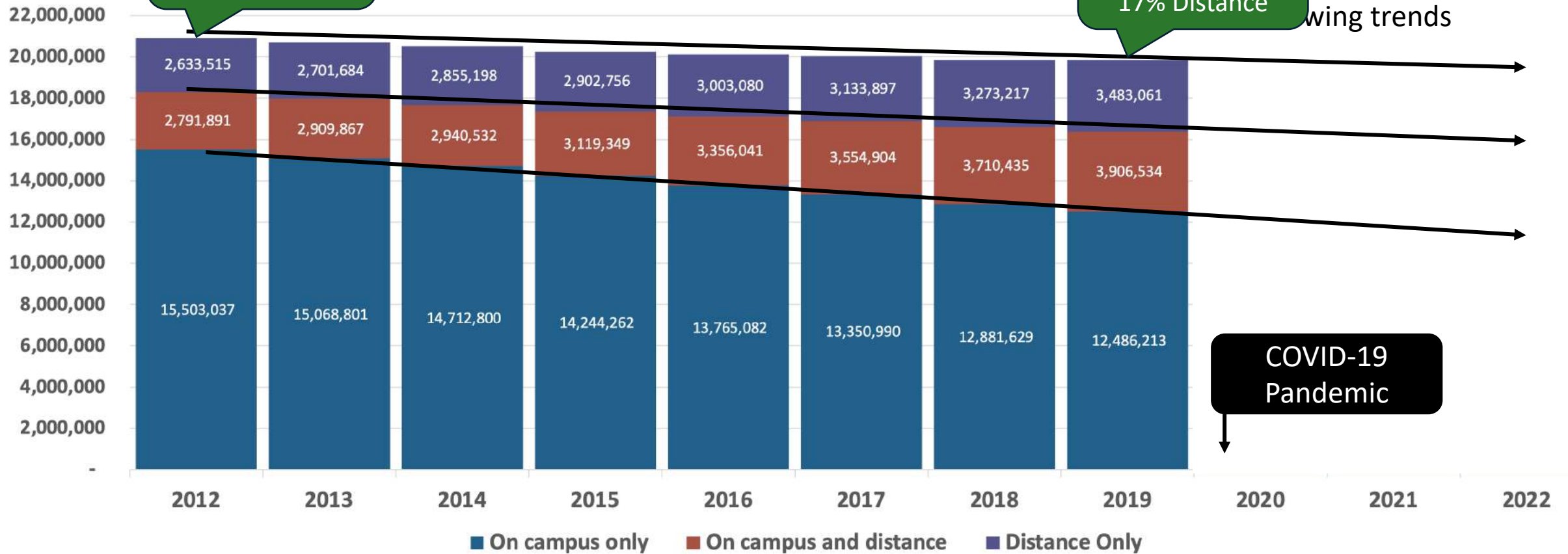
SETTING THE STAGE: EXPECTED

74% On-campus
13% Both
13% Distance

63% On-campus
20% Both
17% Distance

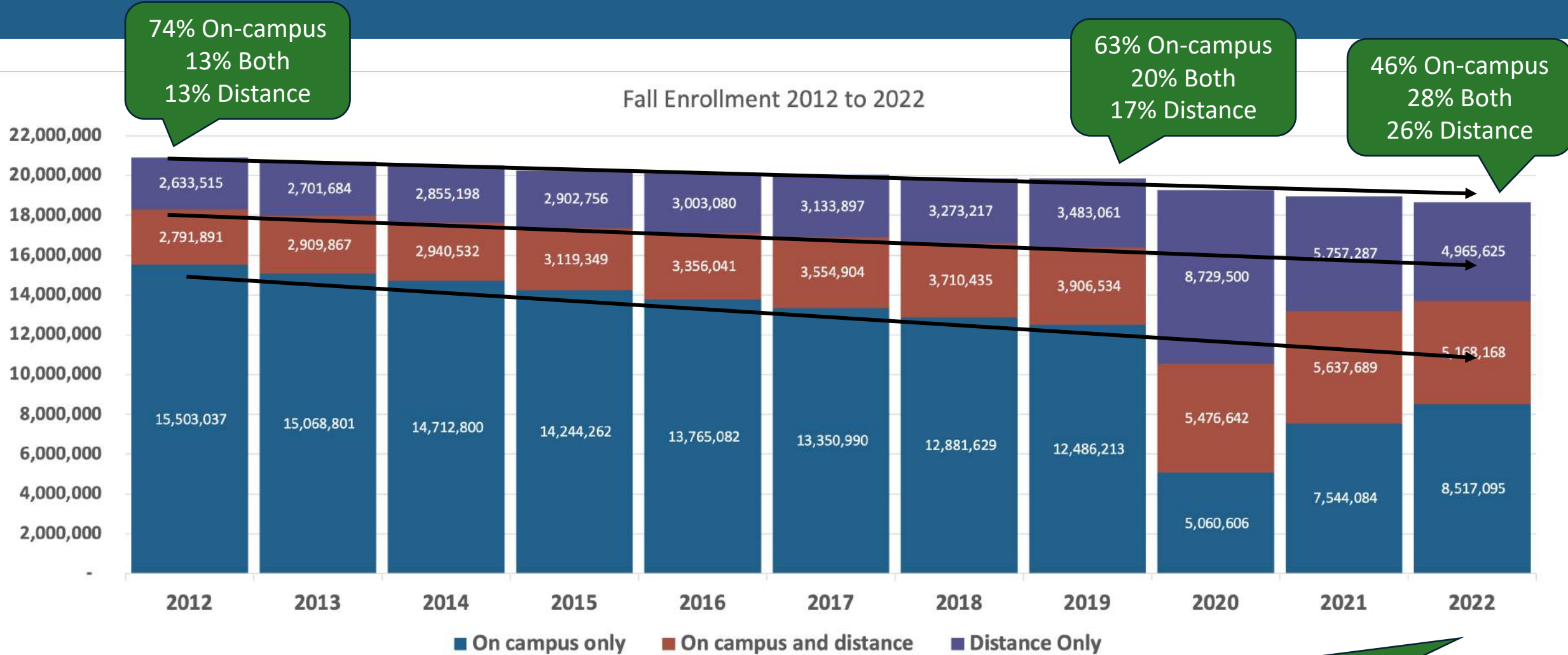
Fall Enrollment 2012 to 2022 (as it might have been)

Following trends



COVID-19
Pandemic

SETTING THE STAGE: ACTUAL



74% On-campus
13% Both
13% Distance

63% On-campus
20% Both
17% Distance

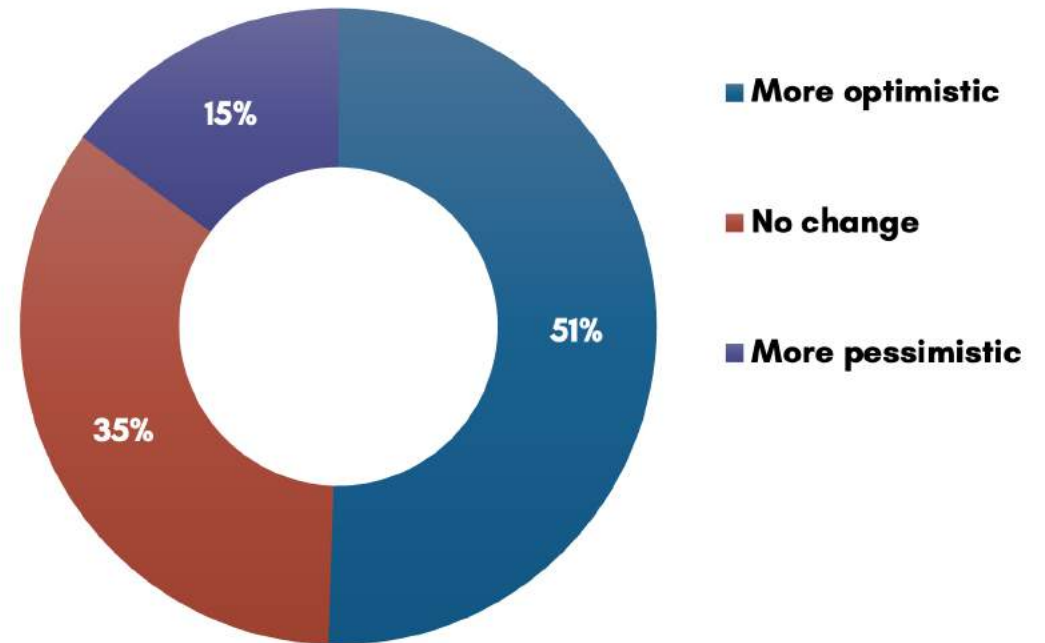
46% On-campus
28% Both
26% Distance

Overall enrollment close to expected
but many more distance students

FALL 2020: FACULTY VIEW ON ONLINE LEARNING

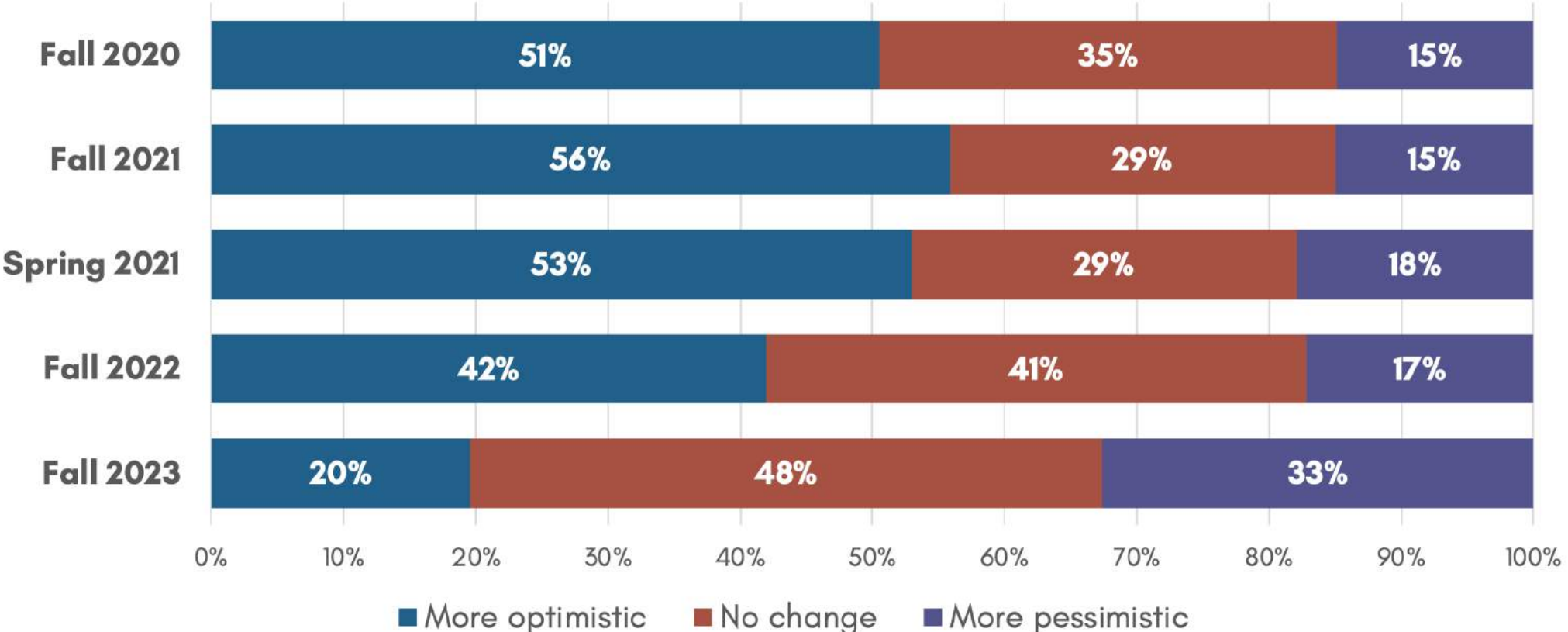
In Fall of 2020 a majority of faculty reported that they had a more optimistic view of online learning than prior to the pandemic.

Fall 2020: View of Online Learning



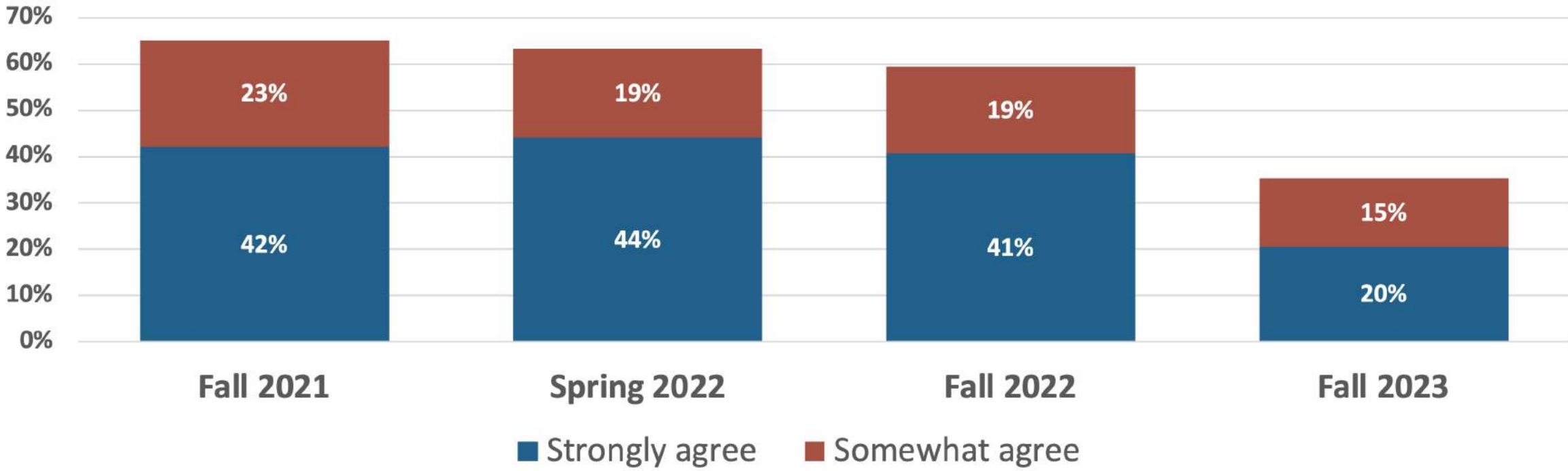
FACULTY OPTIMISM MAY BE FADING

Change in Opinion about Online Learning



FACULTY DESIRE TO TEACH ONLINE IS WANING

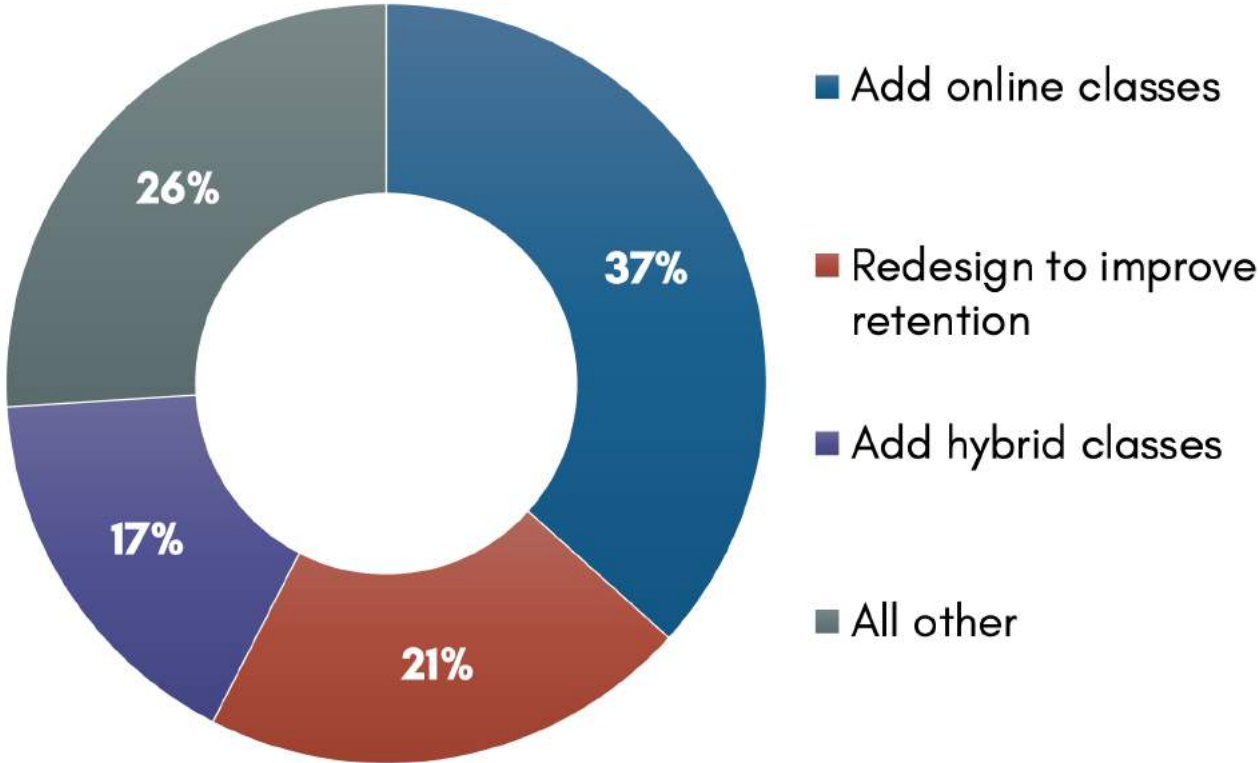
Option to teach some of my courses in a fully-online format.



FUTURE PROBLEMS?

ADDING ONLINE COURSES IS THE NUMBER ONE APPROACH TO DEAL WITH DECLINING ENROLLMENTS

Address enrollment concerns

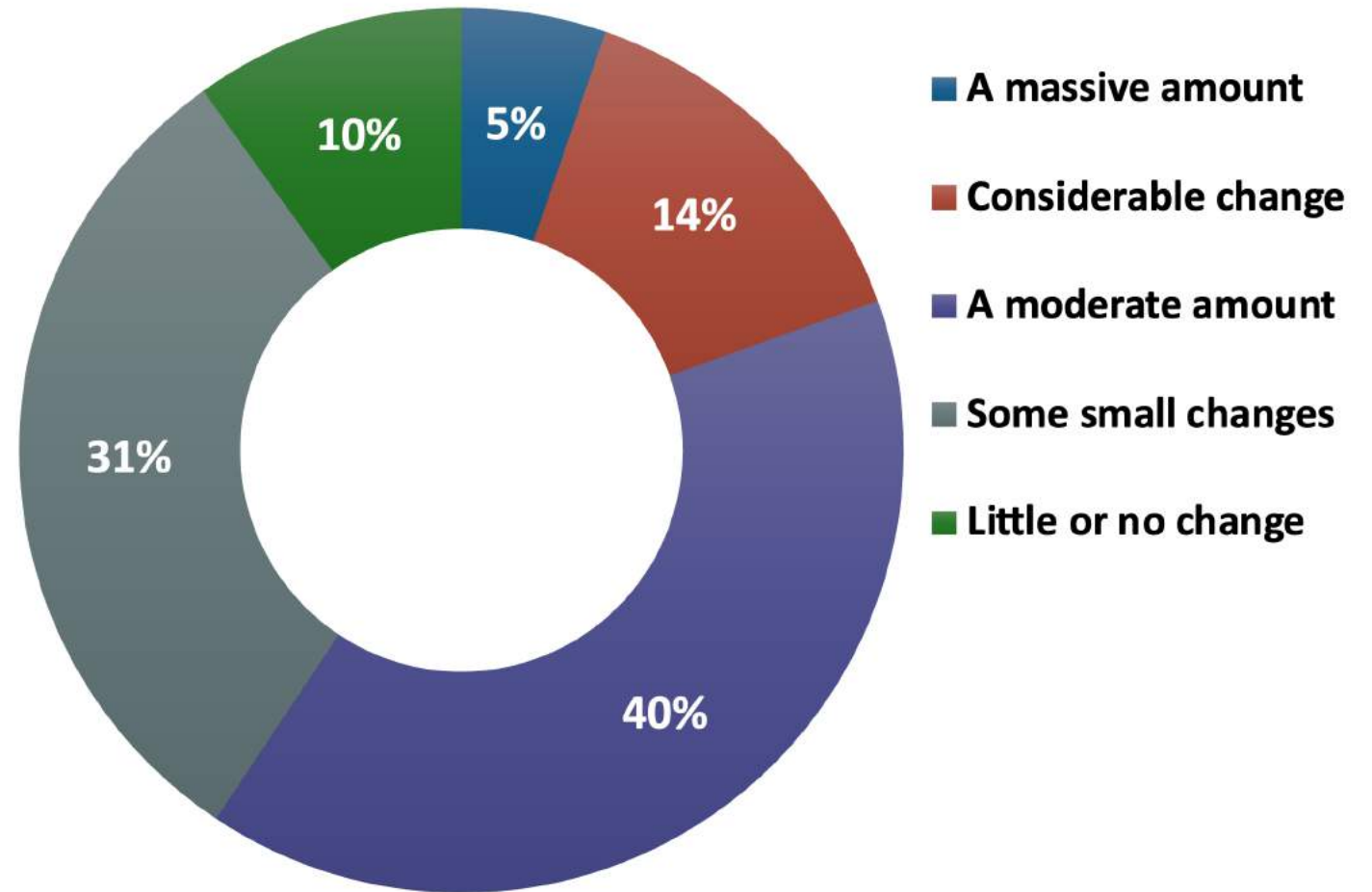


HOW WILL ARTIFICIAL INTELLIGENCE CHANGE TEACHING?



FACULTY
EXPECT AI TO
CHANGE THEIR
INSTITUTION

How much will Artificial Intelligence (AI) tools change your institution over the next five years?

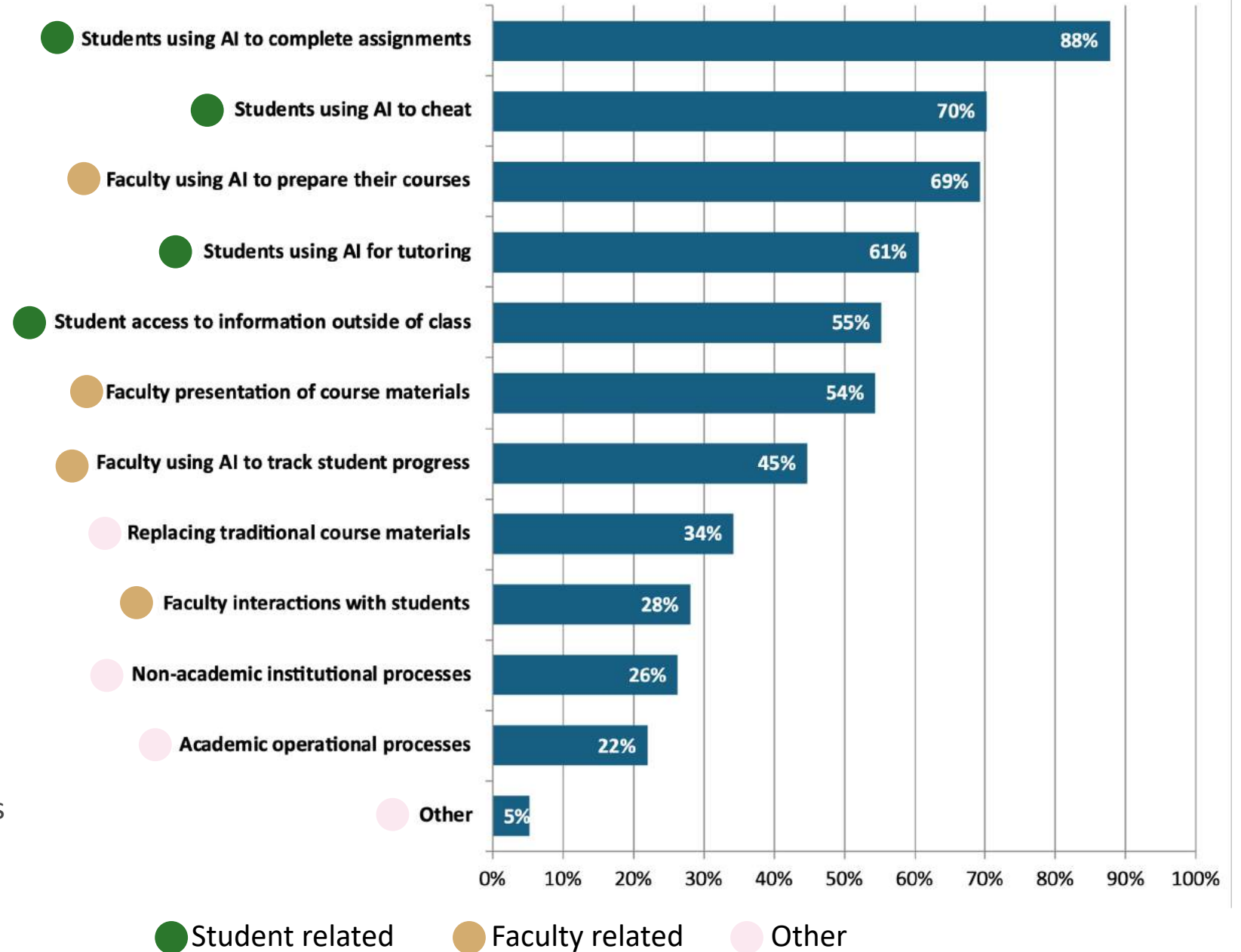


AI EXPECTED TO IMPACT MULTIPLE AREAS

“The other piece is the impact of AI in the classroom and student learning. I am for embrace what’s here. It’s not going to go away. We’re going to have to figure out ways to use it. Why fight it? Just embrace it and use it as a tool.”

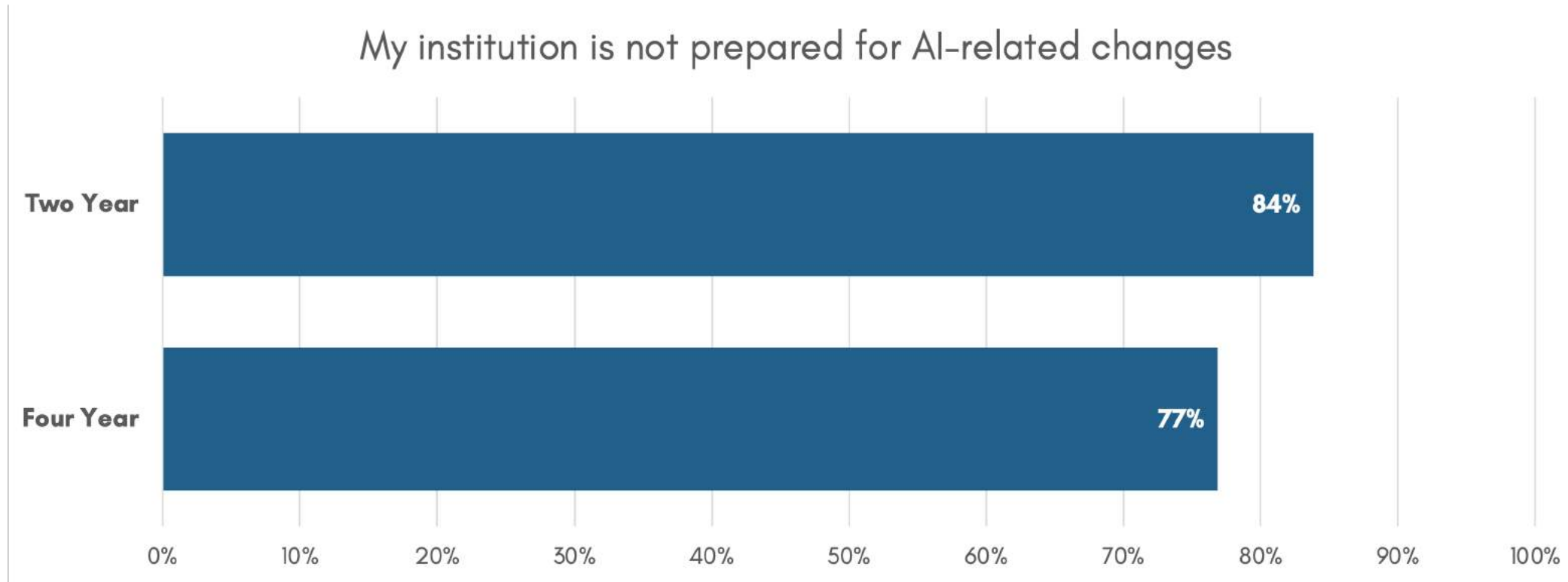
VP, Student Services

What areas of your institution do you expect AI to change?



A LOT OF CHANGE: BUT WE'RE NOT READY

Faculty at two-year schools believe their institutions are less-well prepared than those at four-year schools



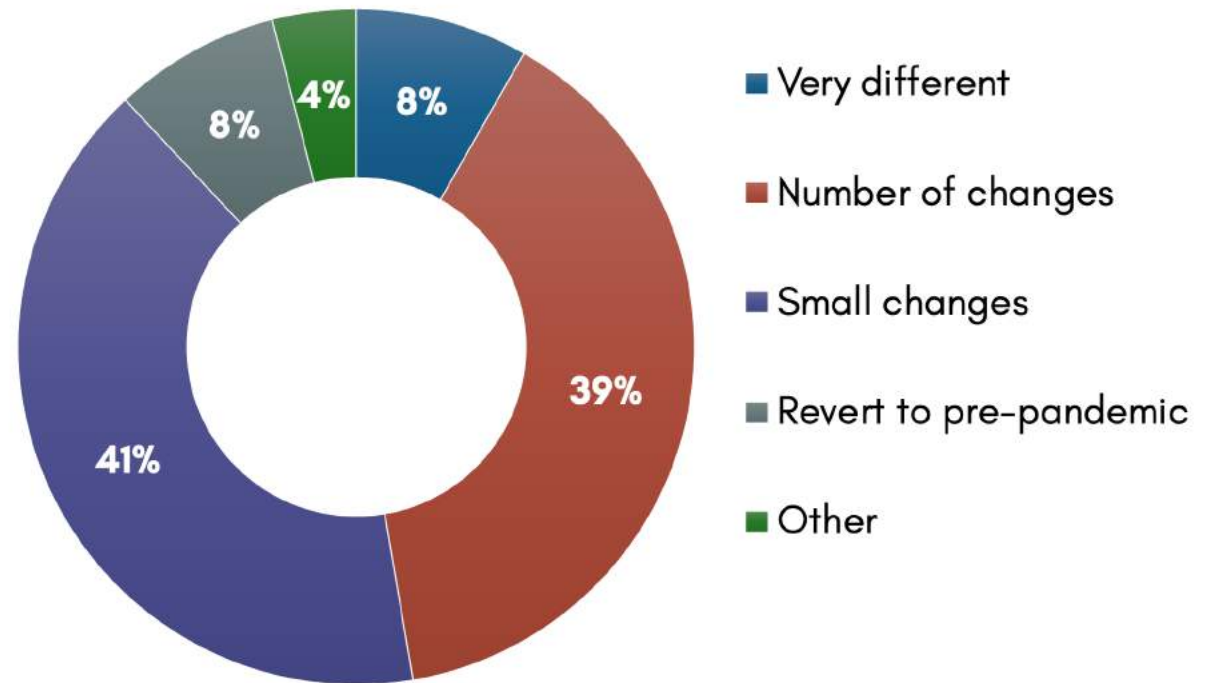
HOW OPTIMISTIC ARE FACULTY ABOUT THE FUTURE?



FALL 2020: FACULTY EXPECTATIONS

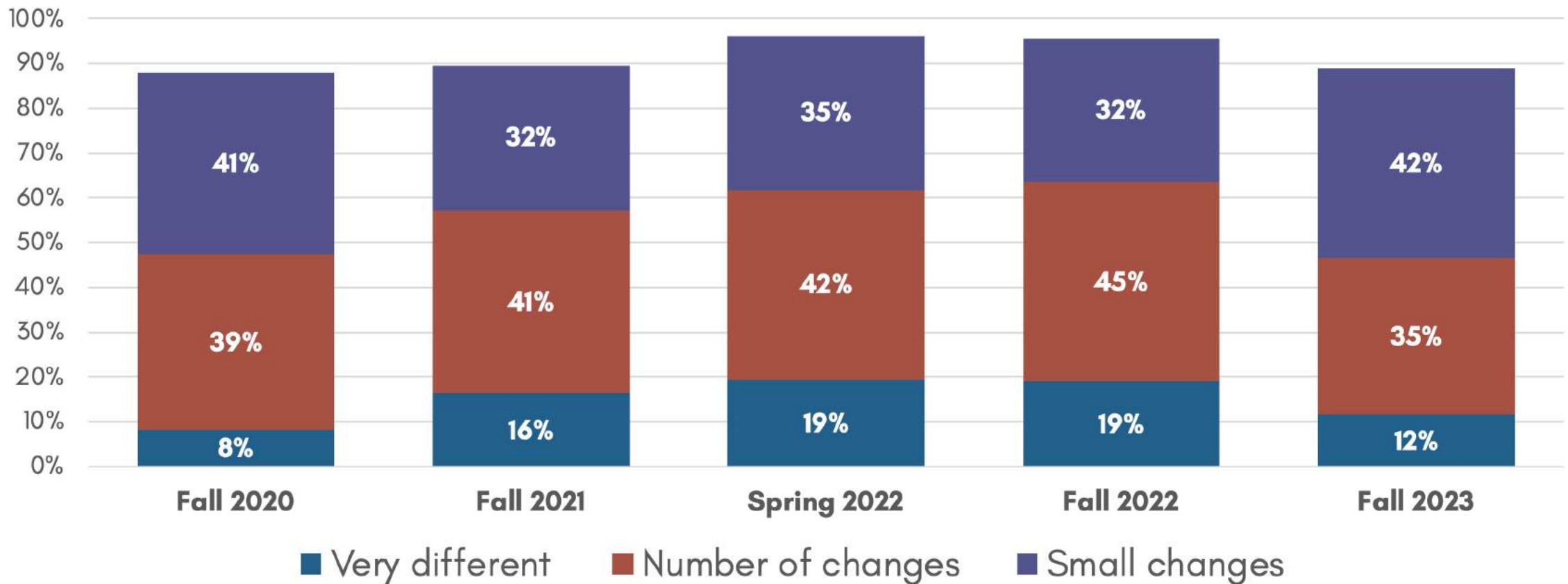
In Fall of 2020 most faculty were expecting small to moderate changes for their future teaching. Only a few thought there would be no changes or that future teaching would be very different.

Fall 2020: Future teaching expectations



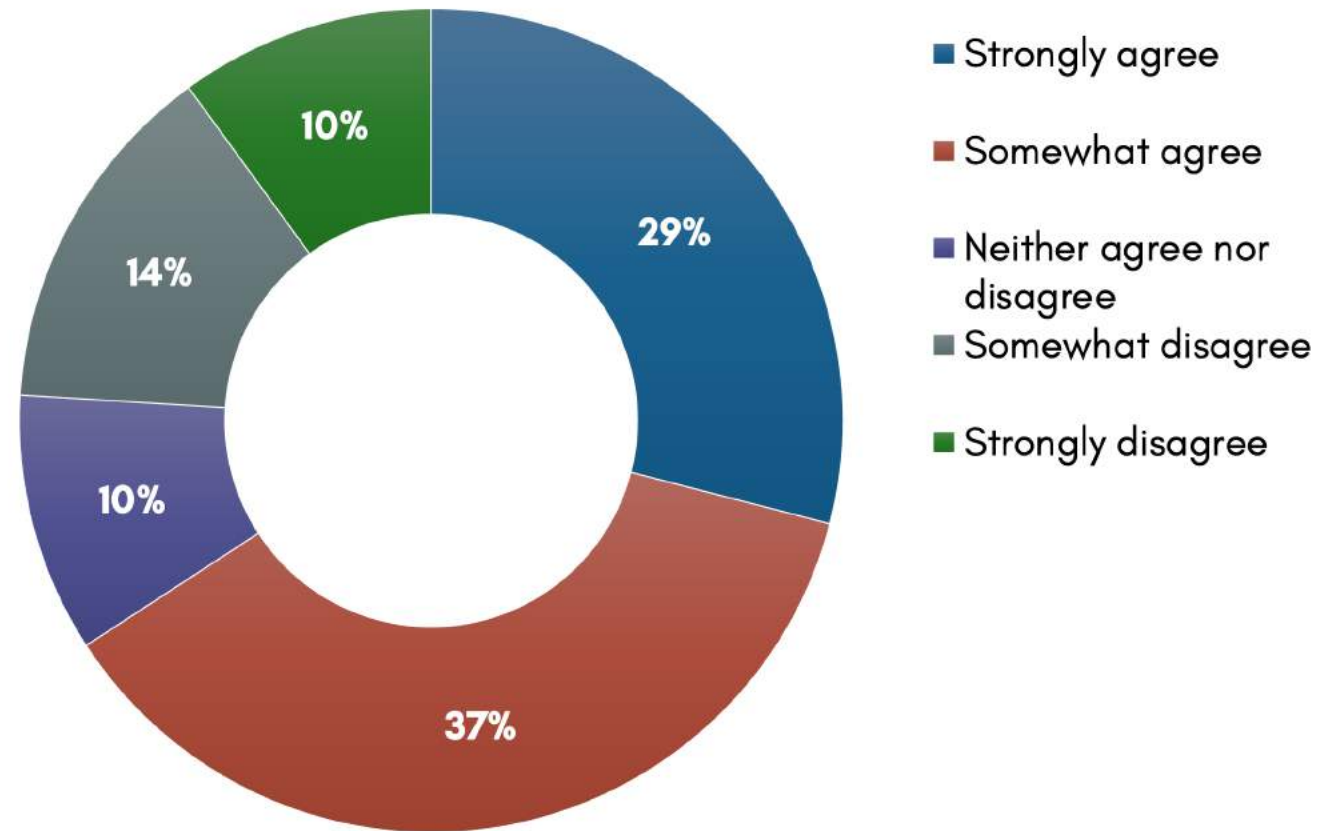
VIRTUALLY ALL FACULTY EXPECT CHANGES

Faculty Expectations For Future Teaching



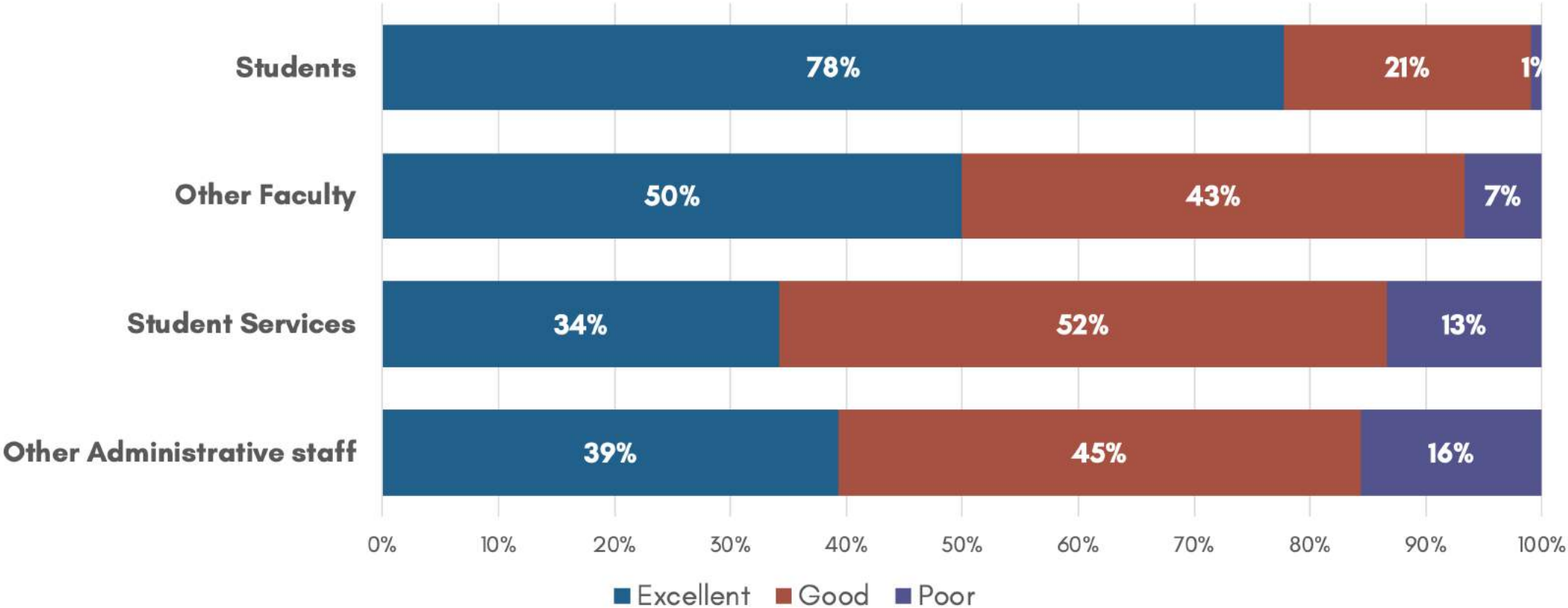
FACULTY AS COMMUNITY

I feel like part of the community at my institution



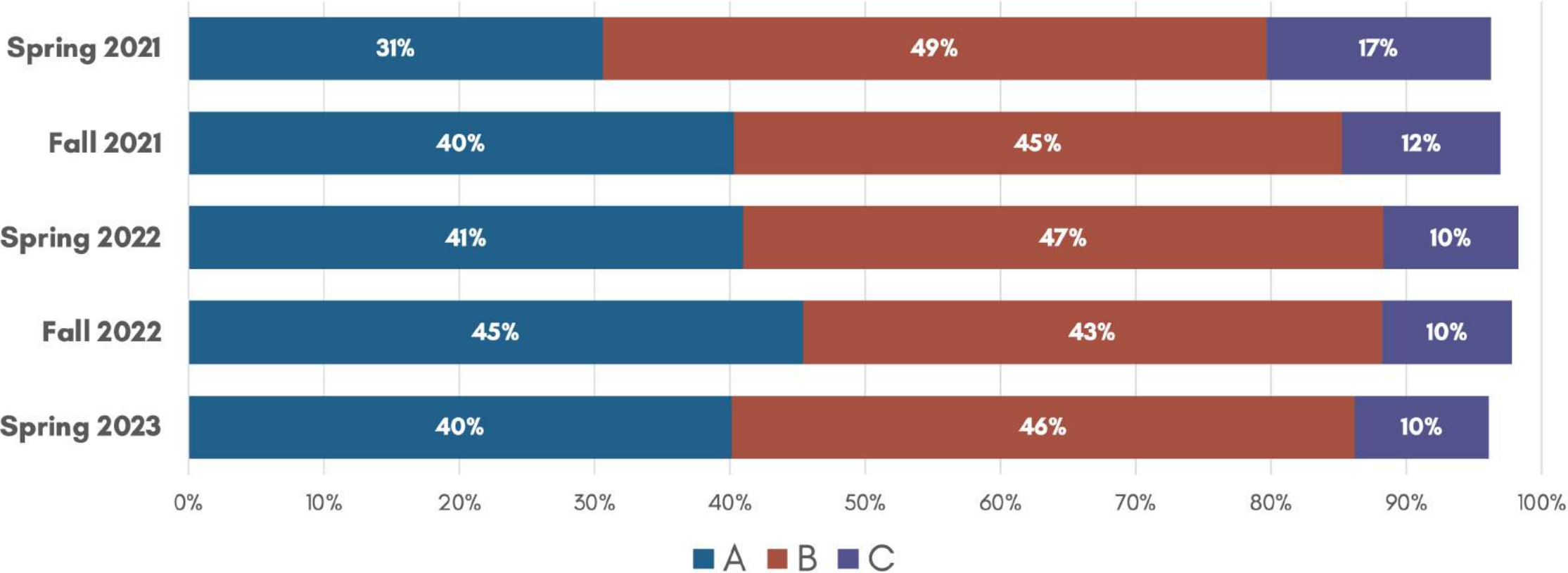
FACULTY LIKE THEIR INTERACTIONS WITH STUDENTS

The quality of your interactions with the following people at your institution:



HIGH GRADES FOR TECHNOLOGY

How effectively the technology worked

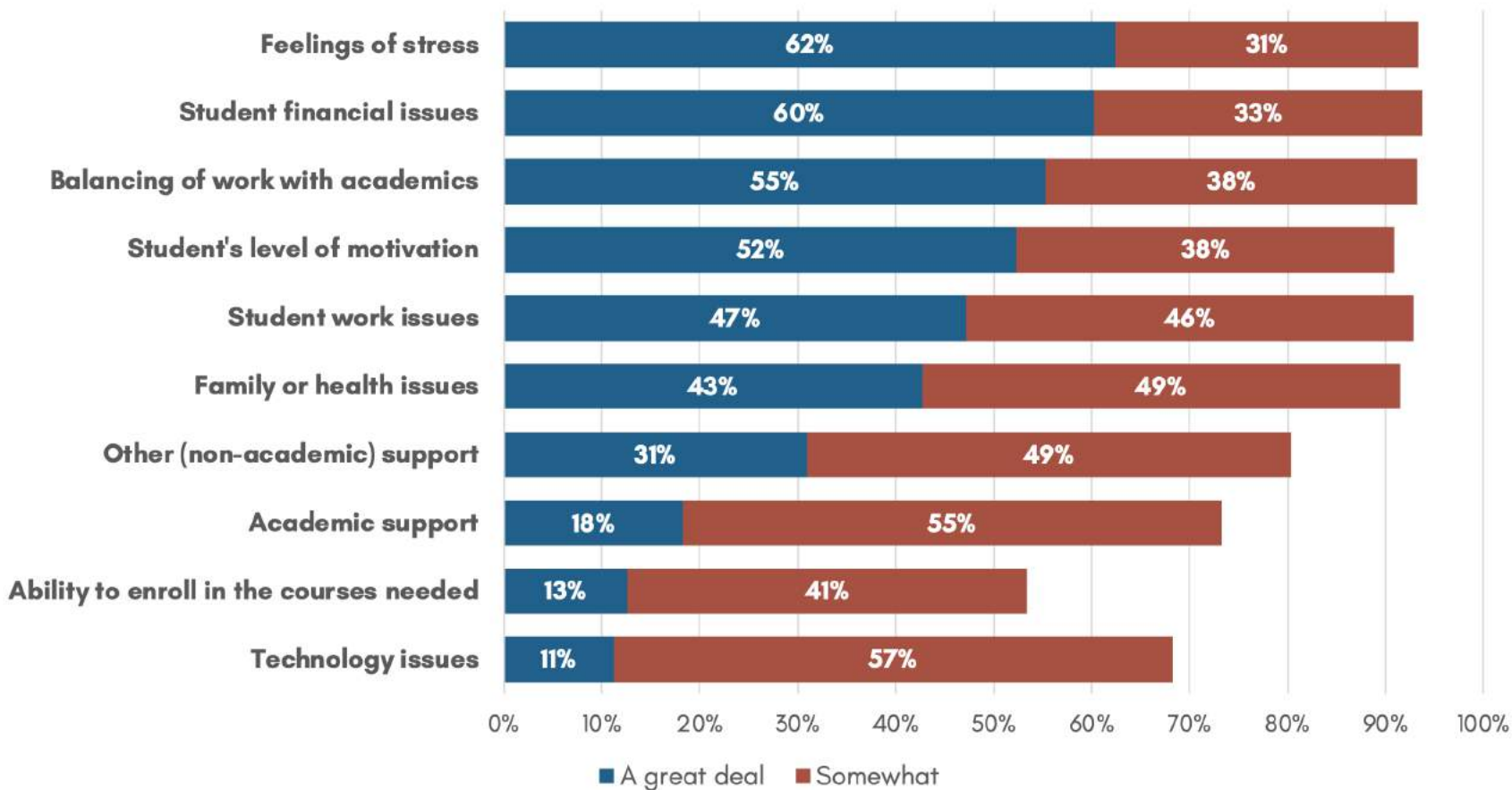


WHAT BARRIERS ARE STUDENTS FACING?



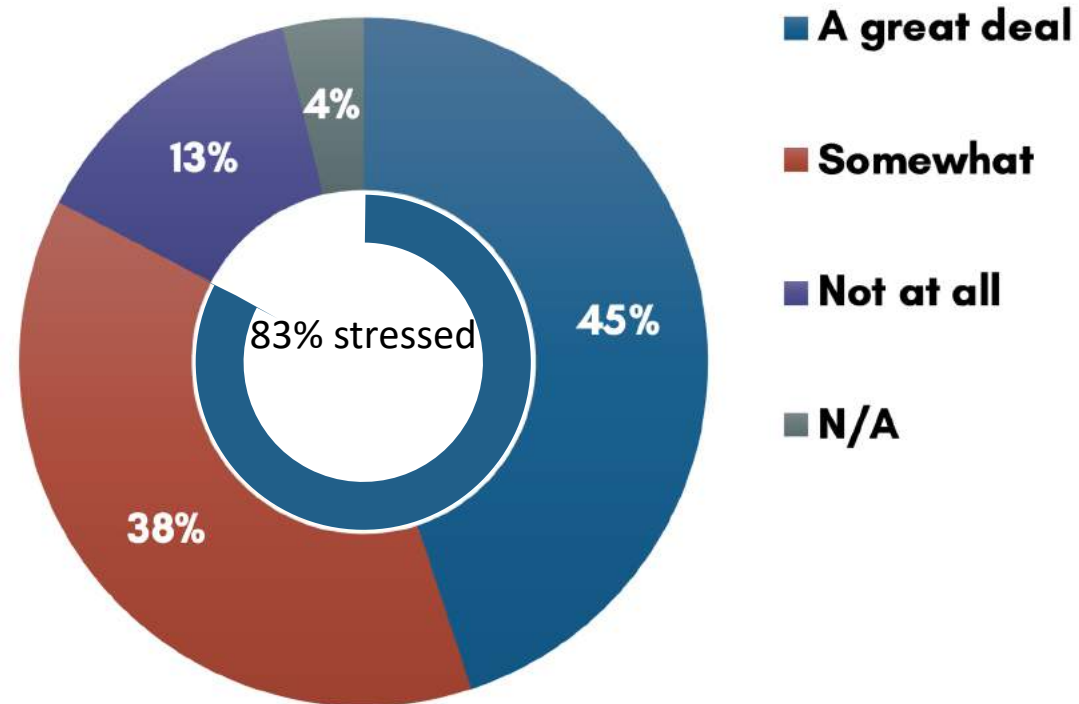
FACULTY PERCEPTIONS: BARRIERS FOR STUDENTS

To what degree are the following issues a problem for your students?



STUDENT PERCEPTIONS: STRESS AS A BARRIER

To what degree are feelings of stress a problem for you?

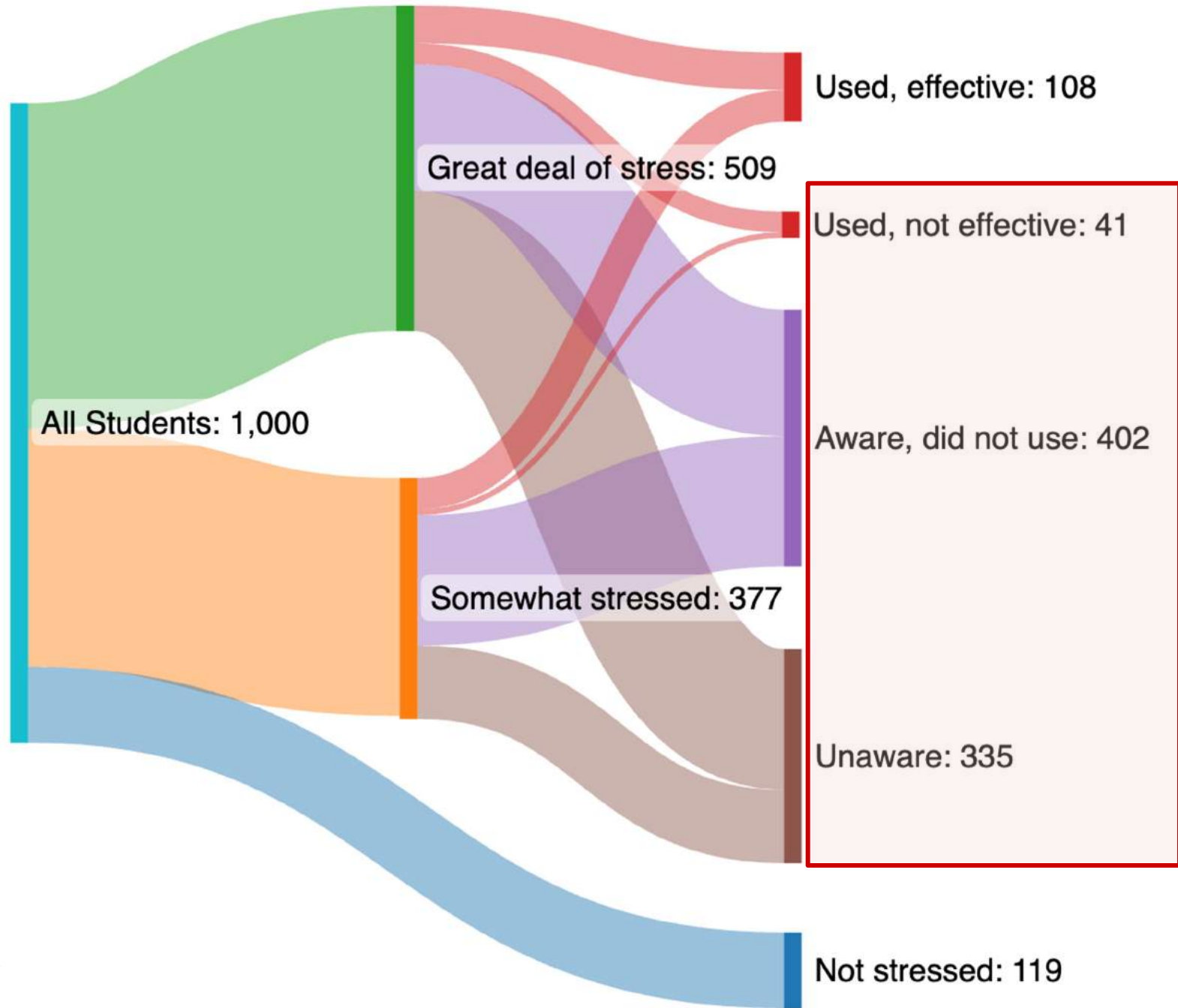


Students cite stress as their most pressing barrier, with a major reporting that they are suffering a “Great deal of stress.”

A third of students are unaware of any institutional supports.

Forty percent are aware but chose not to use the supports.

The small portion using the services generally find them to be effective.



QUESTIONS?

Reports:

<https://www.bayviewanalytics.com/pulse.html>

<https://www.bayviewanalytics.com>





THANK YOU!

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