MOOCs are good for students to determine if online instruction is appropriate. MOOC instruction will not be accepted in the workplace. Credentials for MOOC completion will cause confusion about higher education degrees. Year after year the number of online enrollments steadily increases its proportion of total enrollments starting at 11.7% in 2003 and increasing to 32% in 2011. Are student learning outcomes comparable? Faculty acceptance of online education and the barriers to wide-spread adoption

## Current academic leader opinions of MOOCs

- MOOCs are a sustainable method for offering courses.
- MOOCs are important for institutions to learn about online pedagogy.
- MOOCs use cost-effective potential students.
- MOOCs are great for students to determine if online instruction is appropriate.
- MOOCs retention will not be acceptable in the workplace.
- MOOCs completion will occur at a rate consistent with higher education degrees.

## Online learning strategy

CAOs perceive online education to be critical to the long-term strategy of their institution.

## How many students are learning online?


## Does it take more faculty time and effort to teach online?

45% of CAOs agree that it takes more faculty time and effort to teach an online course than a face-to-face course.

## Are student learning outcomes comparable?

- Of academic leaders surveyed reported online learning outcomes to be the same, somewhat superior or superior to face-to-face in 2012.
- Academic leaders' perceptions of learning outcomes in online education compared to face-to-face.

## Faculty acceptance of online education and the barriers to wide-spread adoption

From 2002 to 2012 academic leaders have reported little change in faculty acceptance of the value and legitimacy of online education.

- CAOs heavily weight the faculty lack of acceptance as a barrier to the widespread adoption of online education.
- Lower retention rates in online courses is seen as a growing barrier to widespread adoption.

## What percent are working with others on a MOOC?

- 32.7% have or planning a MOOC
- 55.4% no plans
- 12% not decided

## What percent are working with others on a MOOC?

77% of respondents who rated Very Important or Important to their institution.

## Changing Course: Ten Years of Tracking Online Education in the United States

Survey by I. Elaine Allen and Jeff Seaman, Babson Survey Research Group, based on responses from over 2,800 Chief Academic Officers (CAOs)/academic leaders. Infographic by Pearson Learning Solutions.