

LEARN, TEACH,  
INSPIRE—BECOME A  
STEM TEACHER

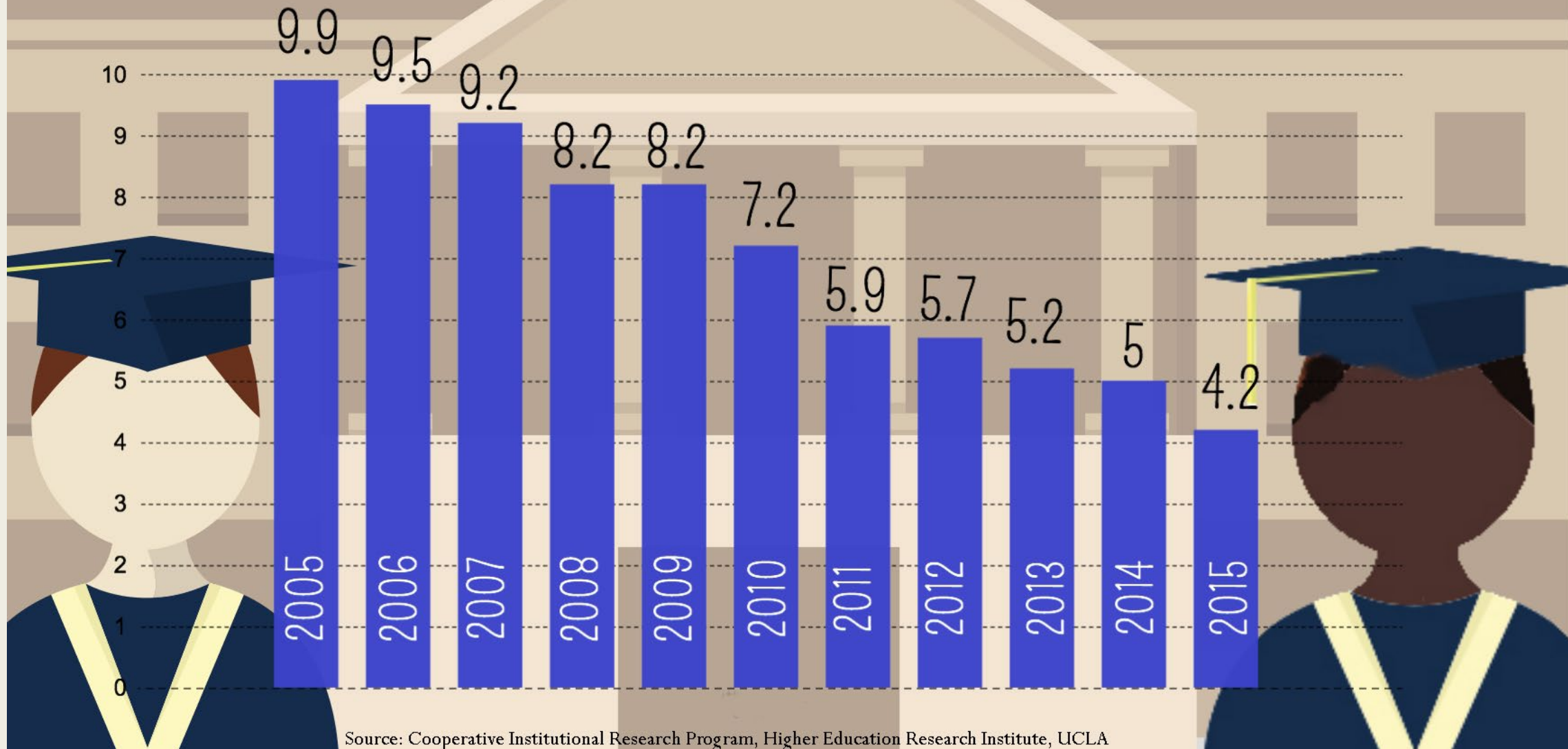
Le Moyne College

# Consider it...

- Teaching is a a noble profession – you get to shape young minds
- Teachers get to live and breathe the subjects they love
- Teachers receive decent salaries and benefits
- Teachers have job security
- Teachers pursue other interests professionally, like coaching or theater production
- Teachers get summers off
- And you have the Noyce Scholarship and other research opportunities!

# Where Are the Education Majors?

(Percent of incoming college freshman likely to select education as chosen field of study)



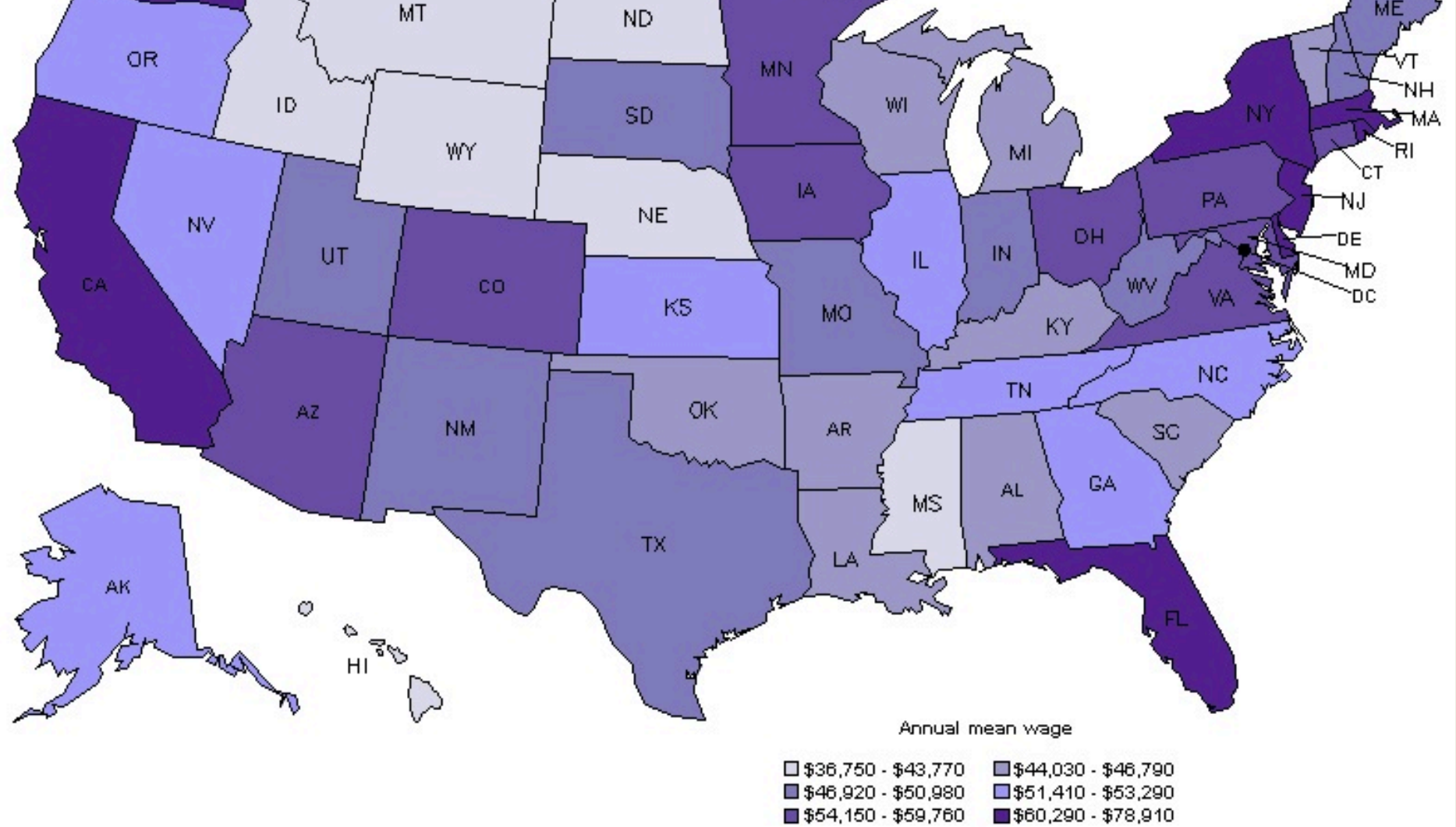
Source: Cooperative Institutional Research Program, Higher Education Research Institute, UCLA

# Where are Education Majors?

- Enrolled Education Majors are at the lowest point in the past 45 year!
- Only 4.2% of undergrad students were enrolled in education in 2016...



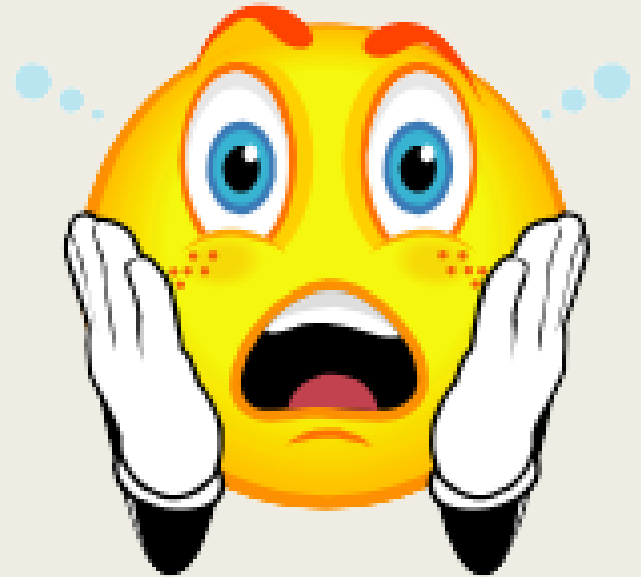
As of 2011



Blank areas indicate data not available.

# Consequences for lack of teachers...

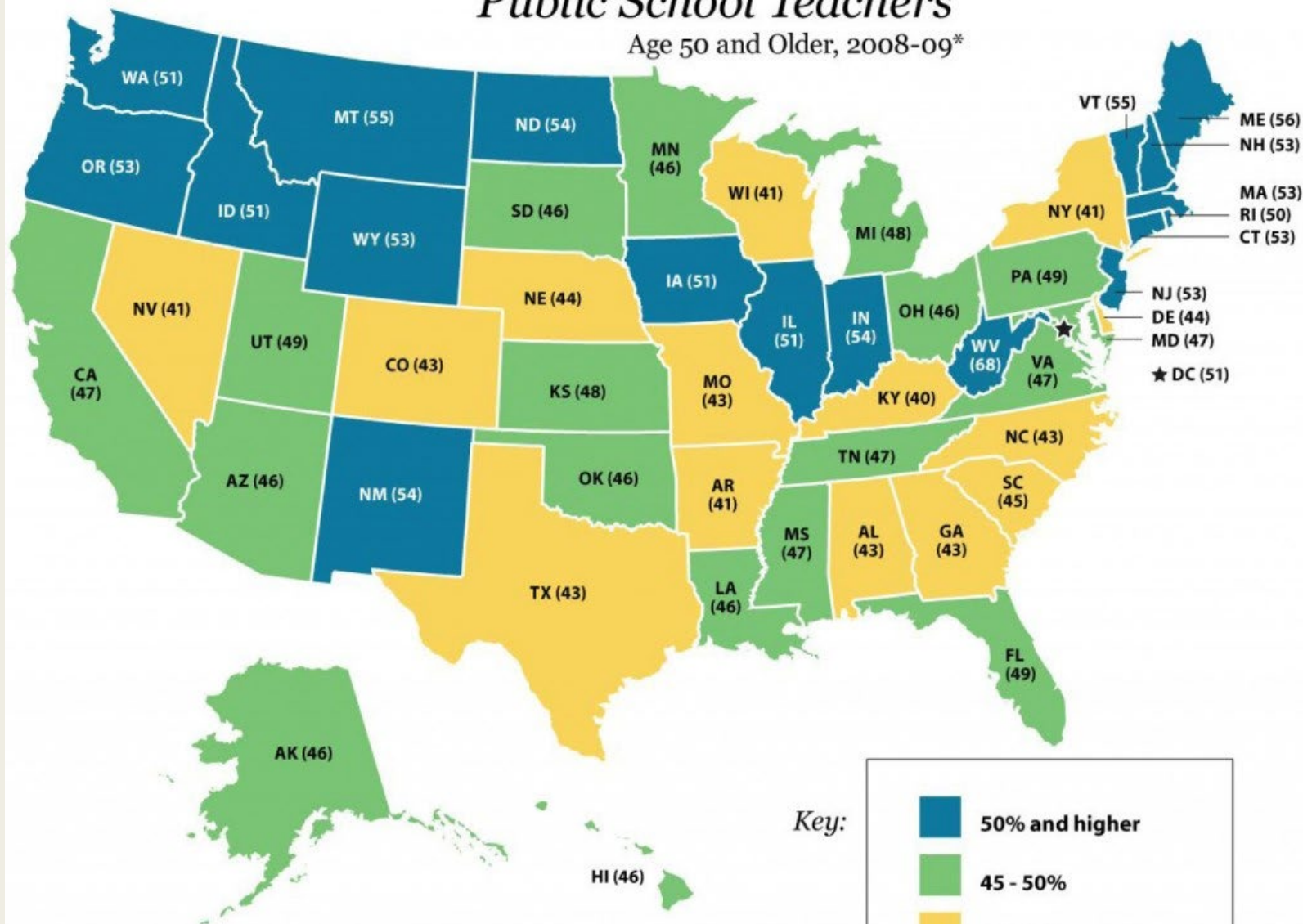
- Teacher Shortages!
- Children/families affected!
- Our country suffers!





# Percentage of Public School Teachers

Age 50 and Older, 2008-09\*



\* NCTAF estimate based on actual data for 2003-04.

SOURCE: U.S. Department of Education, Schools and Staffing Survey, 2003-04; NCTAF analysis  
Courtesy of the National Commission on Teaching and America's Future

# Percent of Schools with Vacancies

## ■ Computer Science-

- *City: 7.8%*
- *Suburban: 5.2%*
- *Town: 6%*
- *Rural: 5.4%*

## ■ Mathematics-

- *City: 23.1%*
- *Suburban: 18.6%*
- *Town: 20.2%*
- *Rural: 19%*

## ■ Biology or Life Sciences-

- *City: 16.1%*
- *Suburban: 13.2%*
- *Town: 11.8%*
- *Rural: 11.8%*

## ■ Physical Sciences-

- *City: 13%*
- *Suburban: 10.2%*
- *Town: 10.3%*
- *Rural: 11.2%*



# The Education Program in a Nutshell

- 9 regular classes
- 4 practicums
- 1 semester student teaching
- You leave certified to teach in your subject area.

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