





# The Education Workforce for 2030

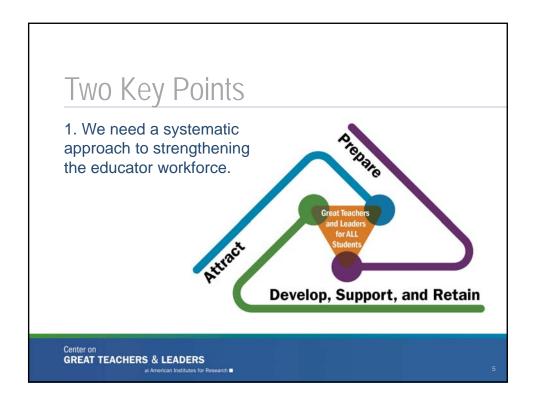
Can our education system change, evolve, and adapt to meet society's demands?

- What will our education and workforce needs be in 10–15 years?
- What do we want or need in the education profession?
- What knowledge and skills do educators need today? What about in 10–15 years?
- How do we know when someone is doing a good job?



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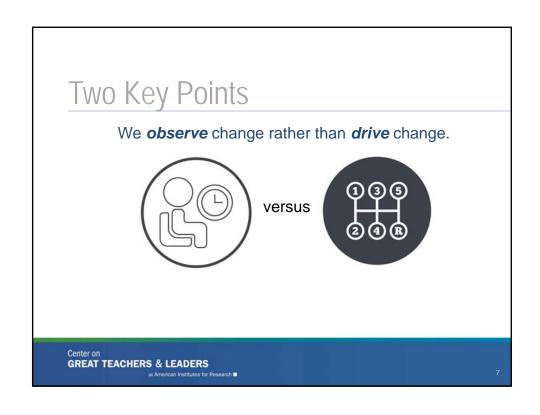


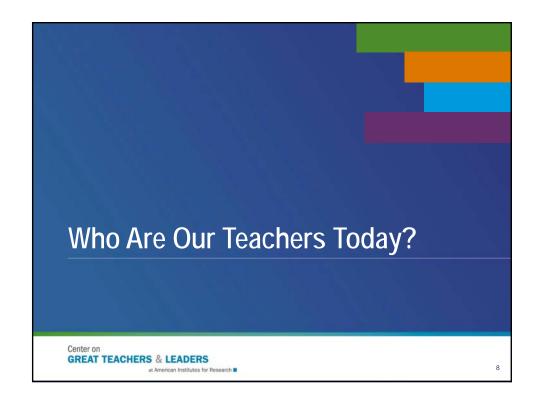
# Two Key Points

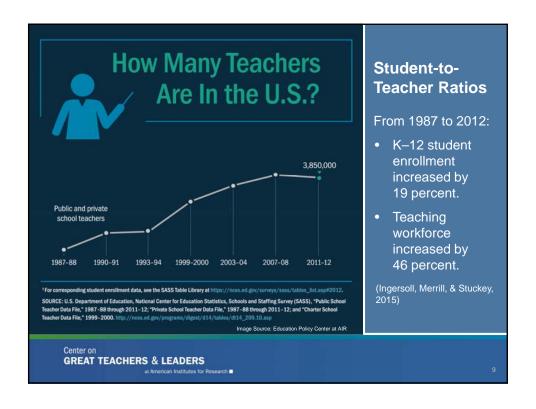
- 2. Currently, we are neither **strategic** nor **proactive** in our efforts to strengthen the educator workforce:
  - We are mainly reactive (examples: teacher shortages in California, Kansas, and Nevada).



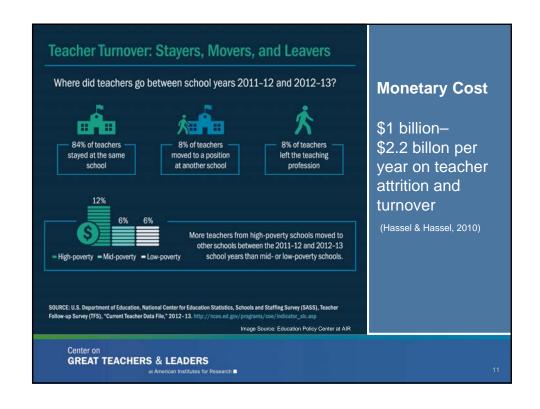
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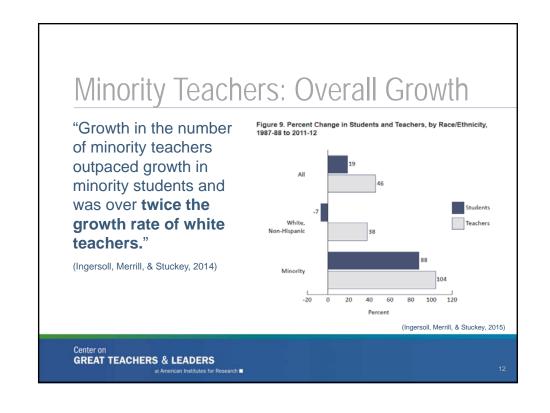






#### **How Experienced Are U.S. Public School Teachers?** The distribution of teacher experience has fluctuated over the past 25 years. **GREENER?** While the percentage of teachers with 10-20 years of experience has grown since 2007-08, the percentage of new teachers with less than 3 years of experience has declined. The first-year teacher attrition rate has 20 years + ▶ increased more than 40 percent 10-20 years in the past two 33% decades. 3-9 years > (Ingersoll, Merrill, & Stuckey, 2014) <3 years > \_ 1987-88 1990-91 1993-94 1999-2000 2003-04 2007-08 2011-12 SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "Public School Teacher Data File," 1987-88 through 2011-12; and "Charter School Teacher Data File," 1999-2000. http://ncss.ed.gov/programs/digest/d14/tables/d114\_209.10.asp Image Source: Education Policy Center at AIR Image Source: Education Policy Center at AIR **GREAT TEACHERS & LEADERS**



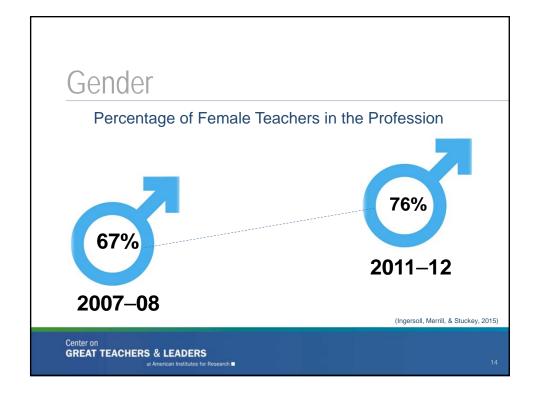


# Minority Teachers: Attrition

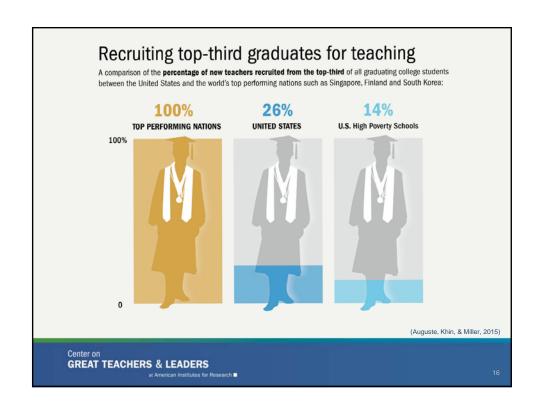
- Minority teachers have higher rates of turnover compared to white teachers, from low-income to mid- and highincome schools (see slide 11).
- Minority teachers have higher rates of attrition out of the profession, which can be explained largely by working conditions.

(Ingersoll, Merrill, & Stuckey, 2014)

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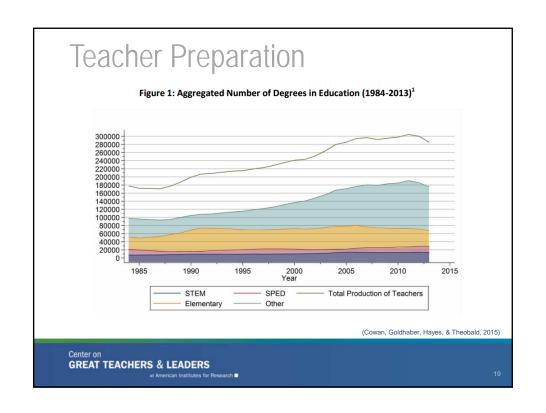
### **Teacher Preparation**

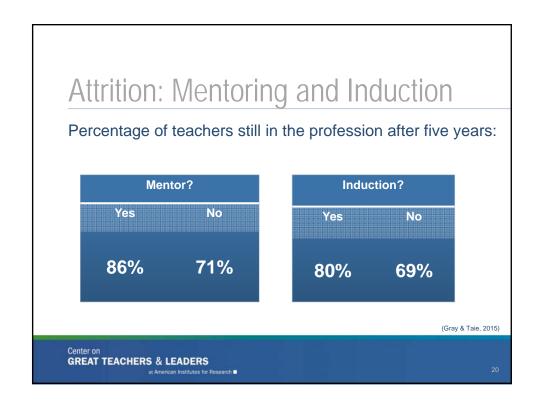
- Commonly cited statistic: 30 percent drop in teacher preparation program enrollment
- Caveats
  - Overall teacher production has grown steadily for more than two decades.
  - STEM (science, technology, engineering, and mathematics) and special education (SPED) teacher growth has been flat.
  - Elementary school teachers are projected to exceed elementary student need.

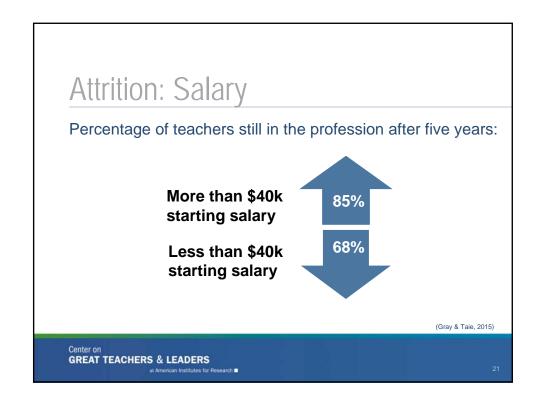
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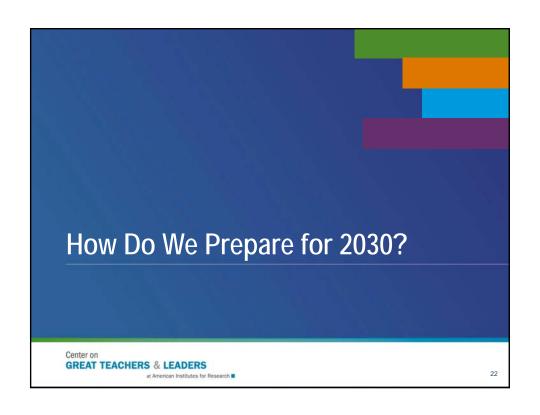
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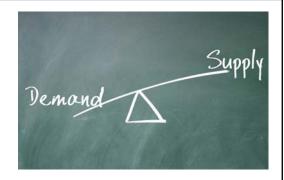






#### Information We Need

- Supply and demand studies
- Shortage prediction
- Exit surveys
- Leadership data



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# Closing Thoughts

Our focus should be on assessing the following:

- Changing workforce needs
- How these changes impact education and the educator workforce

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# Start By Adopting a Forward-Looking Approach



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