



*Using Data
to Improve
Student
Achievement*

Teacher Data Literacy

Brennan McMahon Parton | Senior Associate

December 17, 2014

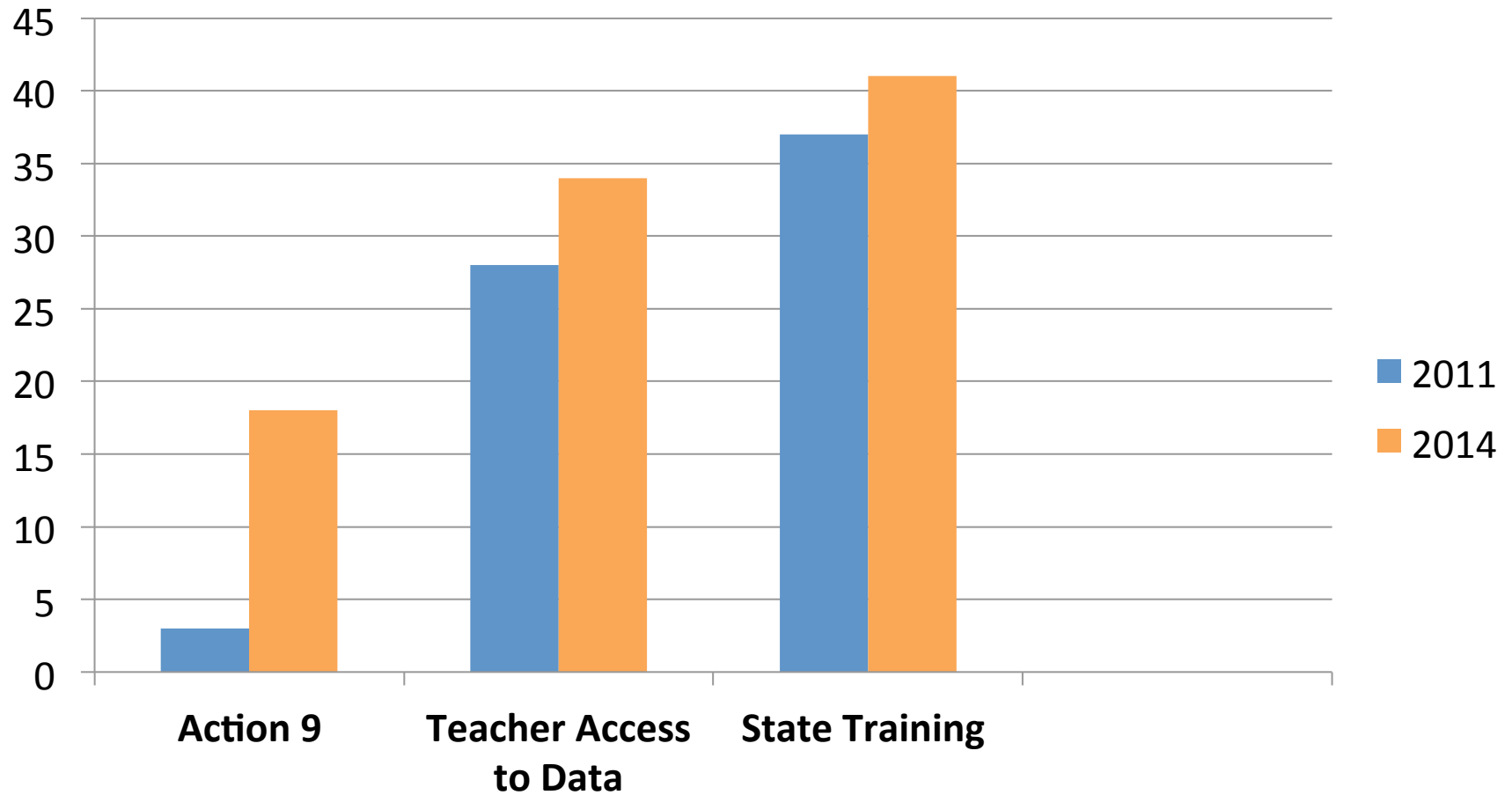
Teacher Data Literacy and Use— not a moment in time



State Action 9– what do we measure?

Action 9	Implement Policies and Practices to Build Educators' Capacity to Use Data
40 states	Teachers and principals are trained to use longitudinal data to tailor instruction
42 states	Teachers and principals are trained to use and interpret specific reports
41	The state plays an active role in training educators to use and interpret specific reports
32	Preservice: Data literacy is a requirement for certification/licensure, or data literacy training is a requirement for state program approval
22	Teacher performance data are automatically shared with in-state educator preparation programs at least annually

States are Making Progress



What Does Not so Great Data Use Look Like?

- Tracking or making assumptions
- Using data to jump to a solution
- Looking at one data point alone to make a decision
- Not taking student privacy into account



And Good Data Use?

- Collaborative
- Daily and on-going
- Not just about technology
- Cycle of inquiry-based
- Student-centered



A Definition of Data Literacy

A Data Literate Teacher: Defined

Data literate educators **continuously**, **effectively**, and **ethically** access, interpret, act on, and communicate multiple types of data from state, local, classroom, and other sources in order to **improve outcomes for students** in a manner appropriate to their professional roles and responsibilities.



Contact Information

Brennan McMahon Parton

Senior Associate, State Policy and Advocacy

Brennan@DataQualityCampaign.org

@BrennanMcMahon

DataQualityCampaign.org