Teacher Data Literacy

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Teacher Data Literacy and Use— not a moment in time
## State Action 9– what do we measure?

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

- Action 9
- Teacher Access to Data
- State Training

2011 vs 2014
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

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