



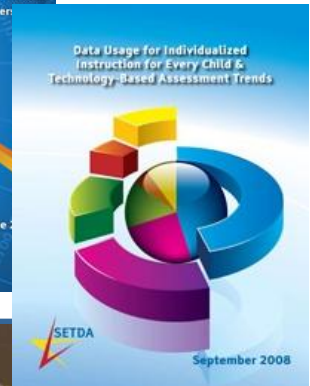
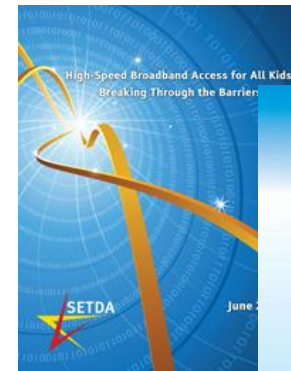
Scarce Resources in the Age of the Waterbed

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State Educational Technology Directors Association

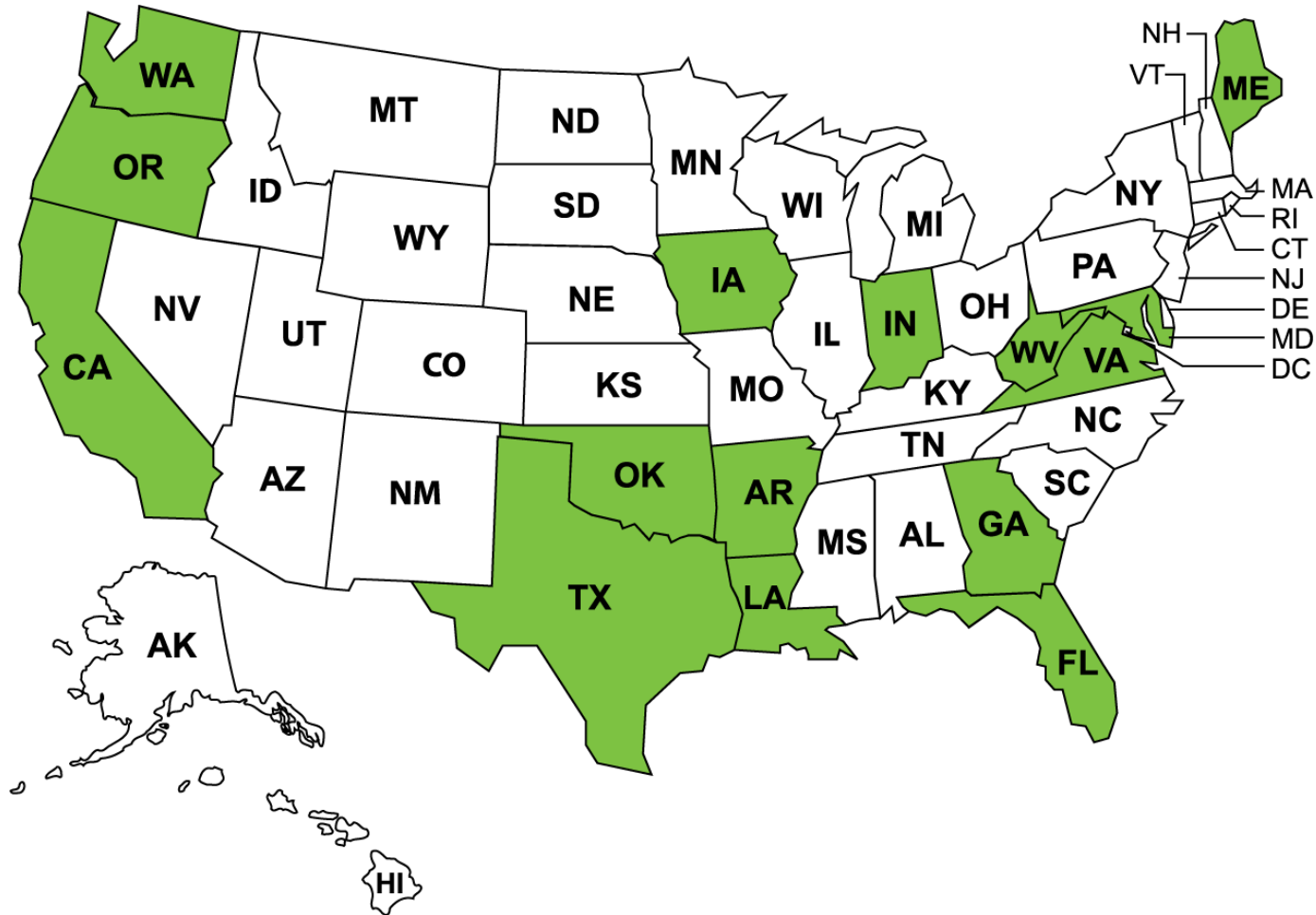
- ☉ Ten-year old national, non-profit member association
- ☉ Serve, support, and represent all 50+ state directors (SEA leadership) for educational technology
- ☉ Forum for:
 - Research and best practices
 - Inter-state collaboration
 - Professional development
 - Public-private partnerships
 - State-federal relations



The Age of the Waterbed



The Shift from Print to Digital



Why Digital Resources?

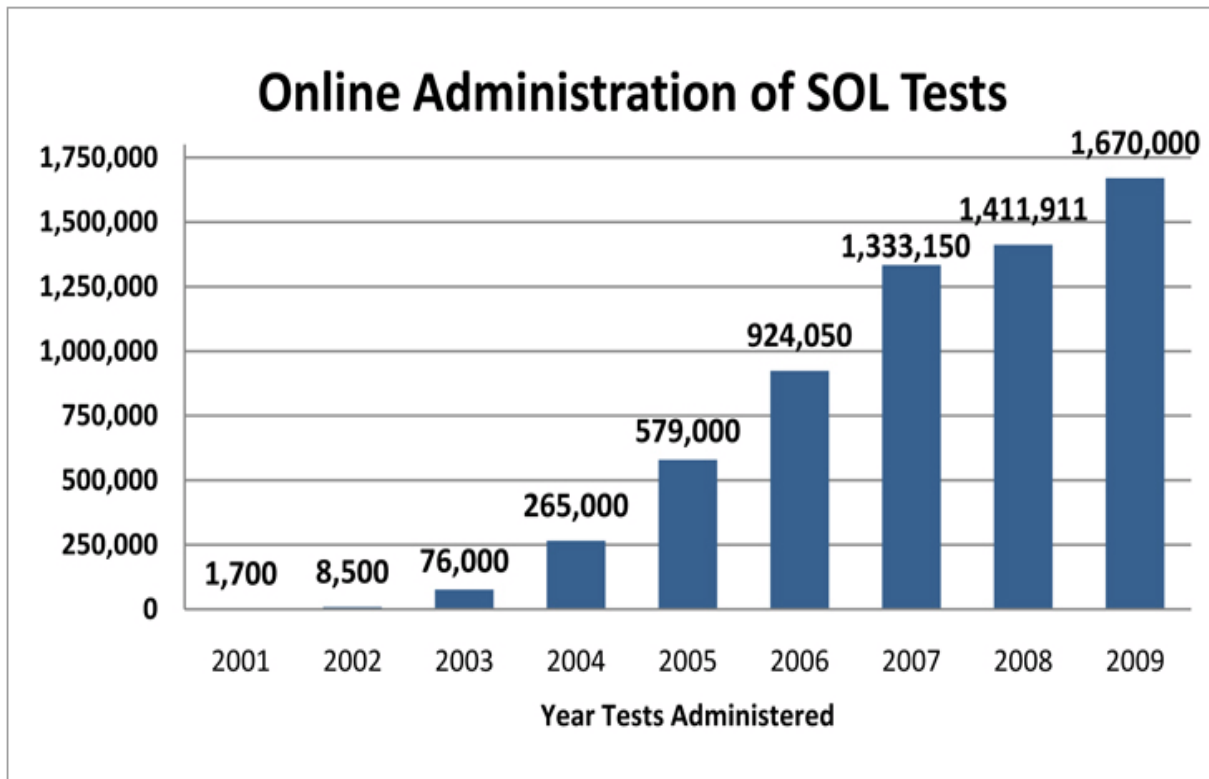
1. Up-to-date information
2. Multimedia and interactivity
3. Customization
4. Adaptability
5. Student annotations
6. Availability
7. Potential cost savings
8. Increasing competition among providers
9. Open education resources
10. Addressing health issues
11. Emerging resources



Digital Content Challenges and Opportunities

- ☉ Common Core State Standards
- ☉ Vast array of resources
- ☉ But...
- ☉ Lack of organization of digital content
- ☉ Vetting of content
- ☉ Access to technology

Innovations in Student Assessment



- All SOL tests developed with online as primary delivery mode by 2012-2013
- To include some innovative items in addition to multiple-choice
- Innovative items to be primarily computer-scored



The Shift in Assessment Opportunities and Challenges

- ☉ Clickers and digital formative assessment = immediate feedback
- ☉ Next generation summative assessments online in 2014
- ☉ But...
- ☉ Are teachers ready?
- ☉ Access to technology

The Shift in Professional Learning

- ② Growth of online learning
- ② Access to a wealth of resources
- ② Access to other educators - Online Communities of Practice
- ② But...
- ② Cost
- ② Access to technology

The linchpin - Technology

- ② Growing ubiquity of technology
- ② New devices
- ② More bandwidth (still not enough)
- ② But...
- ② Scarce resources

Some general ideas...

- ② Flexibility is important
- ② Review what is there now
- ② Incent innovation
- ② Do not skimp on the linchpin - technology

A few specifics:

- ☉ Set a date for transition
- ☉ Multi-state development
- ☉ Incent digital professional development
- ☉ Provide incentives for teachers
- ☉ Include teacher preparation programs



Questions?

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