State of the States in the Use of Technology

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Shea Tanis, Ph.D.

Acting Executive Director,
Coleman Institute for Cognitive Disabilities
Principal Investigator,
State of the States in Intellectual and Developmental Disabilities Project
“That’s the hard thing about hard things – there is no formula for dealing with them. Nonetheless there are many bits of advice and experience that can help with the hard things.”

- Ben Horowitz

The Hard Thing about Hard Things
State of the States in Intellectual and Developmental Disabilities Project of National Significance housed at the Coleman Institute for Cognitive Disabilities has been collecting data on technology since 2007.
Spending for Technology Solutions Reported by IDD Agencies 2008-2017
Reported Number of Participants Using Technology Solutions by Year
In 2018, the Project partnered with NASDDDS to investigate creative funding mechanisms and interest in technology solutions for people with Intellectual and developmental disabilities (IDD) across the U.S.
## 2018 Technology Survey Results

### Technology Funding
6 states identified funding 10 or more technology services or supports. 8 states funded 6 or more technology solutions not traditionally covered by Medicaid

### Funding Authorities
Majority of states utilized HCBS Waiver funds to purchase technology solutions. State plan and vocational rehab were also utilized

### Funding for Ongoing Upkeep and Training
50% of states reported funding for ongoing technology training to learn, upkeep and update purchased technology

### Remote Technologies
22 states reported funding for electronic or remote technologies

### Teleservices
18 states reported funding for telemedicine (therapeutic services) while 13 state reported funding for telecare (healthcare monitoring)

### Consideration in ISP
22 states reported consideration of technology supports and services as a requirement within the ISP or person-centered plan
What **Emerging Technologies** were States Looking to Invest in 2018?

- Remote Supports
- Smart Home Technology
- Transportation Technology
- Health Related Technology
Technology First **Movement**

Movement – A group of people working together to advance their shared political, social or artistic ideas
“The use of Assistive Technology will be considered First in the discussion of support options available to individuals”

– Missouri Division of developmental Disabilities

“Ohio, through the Technology First imitative, is committed to the goal that citizens with developmental disabilities be afforded the opportunity to improve their lives through supportive technology”

- Ohio Executive Order Establishing the Technology First Initiative
States Engaged in Technology Consortiums

- Ohio*
- Missouri*
- Minnesota*
- Colorado
- Connecticut
- Delaware  
- Hawaii
- Indiana
- New York
- Tennessee
- Pennsylvania
- Washington
- Wisconsin

* Using Technology First language
Technology First: Areas for Benchmarking
Technology First Elements for Systemic Change

- Statewide Policy/Initiative
  - Set of core values
  - Implementation team
  - Resource allocation

- Active Implementation Frameworks
  - Policy enabled practice
  - Sustainable resources
  - Communications
  - Leverage through collaborations
  - Capacity building

- Fidelity and Data Driven Decision-Making
  - Practitioner data
  - Individual and family data

Intended to Disrupt the Status Quo

Statewide Policy/Initiative

- “Set of core values, decision premises, and assumptions are developed and operationalized”
  (NIRN – Systemic Change)
- Implementation Team (ex. Technology advisory council)
- Resource allocation to provide support for the Implementation Team
Active Implementation Framework

- Policy to practice – Waiver amendments, ISP/Person-centered plan requirements
- Sustainable resources
- Communications – Multimedia knowledge translation
- Leverage through collaborations – cross-agency, providers, programs, and industry
- Capacity building for agencies, providers, individuals and families
Fidelity and Data Driven Decision-Making

**Agency/Practitioner Data Variables**
- Adoption of position/policy statements
- Diversity of funding streams
- Diversity of technology solutions
- User representation
- Cost savings and/or redistribution
- Impact to direct care programs and services
- Impact of incentives
- Impact of innovations
- Questions in national longitudinal data sets

**Individual and Family Data Variables**
- Impact on causal agency
- Long-term utilization of technology
- Variety of technology solutions utilized
- Impact to health
- Impact to social capital
- Impact to quality of life
- Impact to opportunities and interdependence
- Programmatic change
- Questions in national longitudinal data sets
2019 Survey of Statewide Technology Initiatives Supporting People with Intellectual and Developmental Disabilities
New Survey Features

**Technology First**
Questions regarding initiatives and interest in advancing a Technology First agenda

**Definitions Provided**
Service category and technology solution definitions provided

**Funding Authorities**
Updates to funding authorities expanding options
10% of States Responded

Deadline of Friday, June 21st
thinking about the future
Thank you for your time.

Any questions?
Contact: shea.tanis@cu.edu