



State of the States in the Use of Technology

June 5, 2019

NASDDDS 2019 Directors Forum and Mid-Year Conference
Seattle, Washington



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Disabilities Project

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*“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

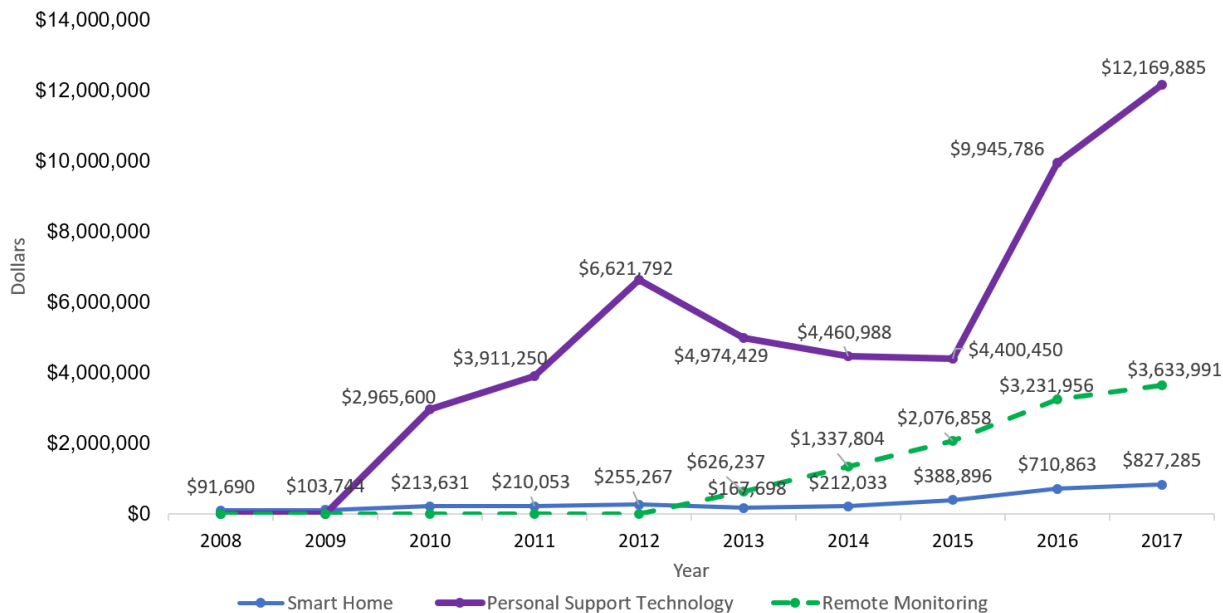
The Hard Thing about Hard Things



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.

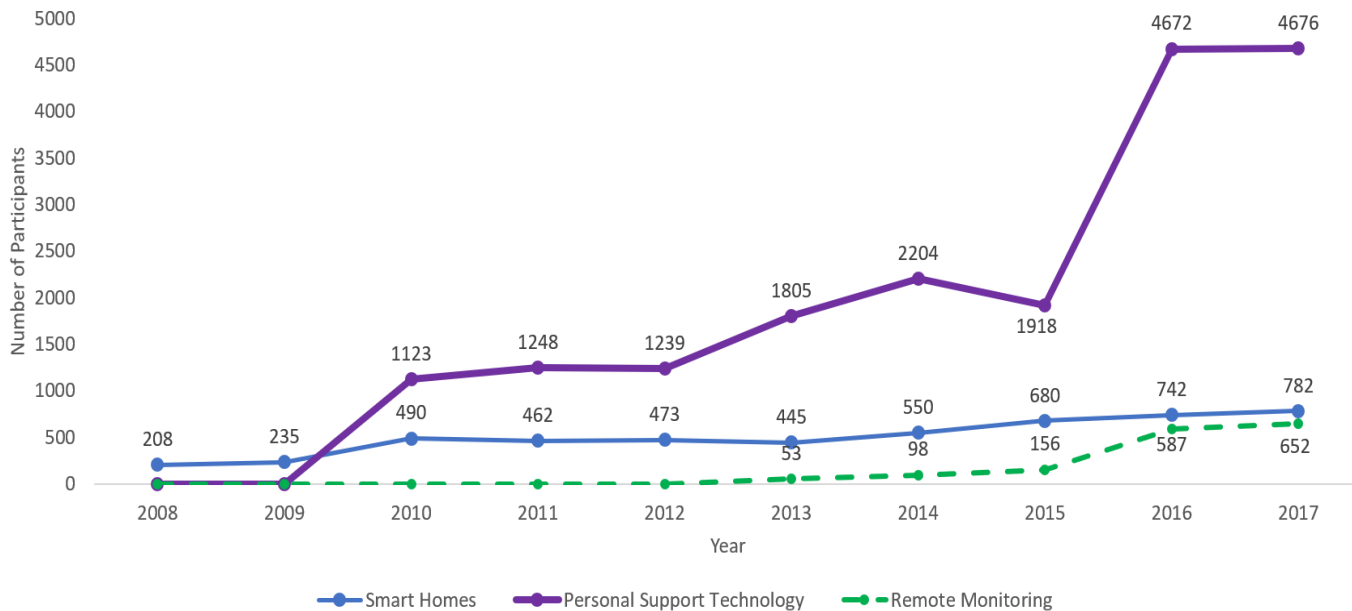


Spending for Technology Solutions Reported by IDD Agencies 2008-2017





Reported Number of Participants Using Technology Solutions by Year



In 2018, the Project partnered with NASD DDS to investigate creative funding mechanisms and interest in technology solutions for people with Intellectual and developmental disabilities (IDD) across the U.S.

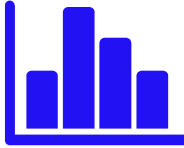


NASD DDS

National Association of State Directors of Developmental Disabilities Services



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

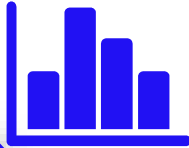
22 states reported funding for electronic or remote technologies

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?

Smart Home Technology

Transportation Technology

Remote Supports

Health Related Technology



Technology First **Movement**

Move·ment – 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 initiative, 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*



Looking
Toward the
Future

Ohio Technology First Council

Recommendations to Expand
the Use of Supportive Technology
Final Report

Ohio | Department of
Developmental Disabilities

Submitted to Gov. John Kasich
in accordance with
Executive Order 2018-06K
December 31, 2018

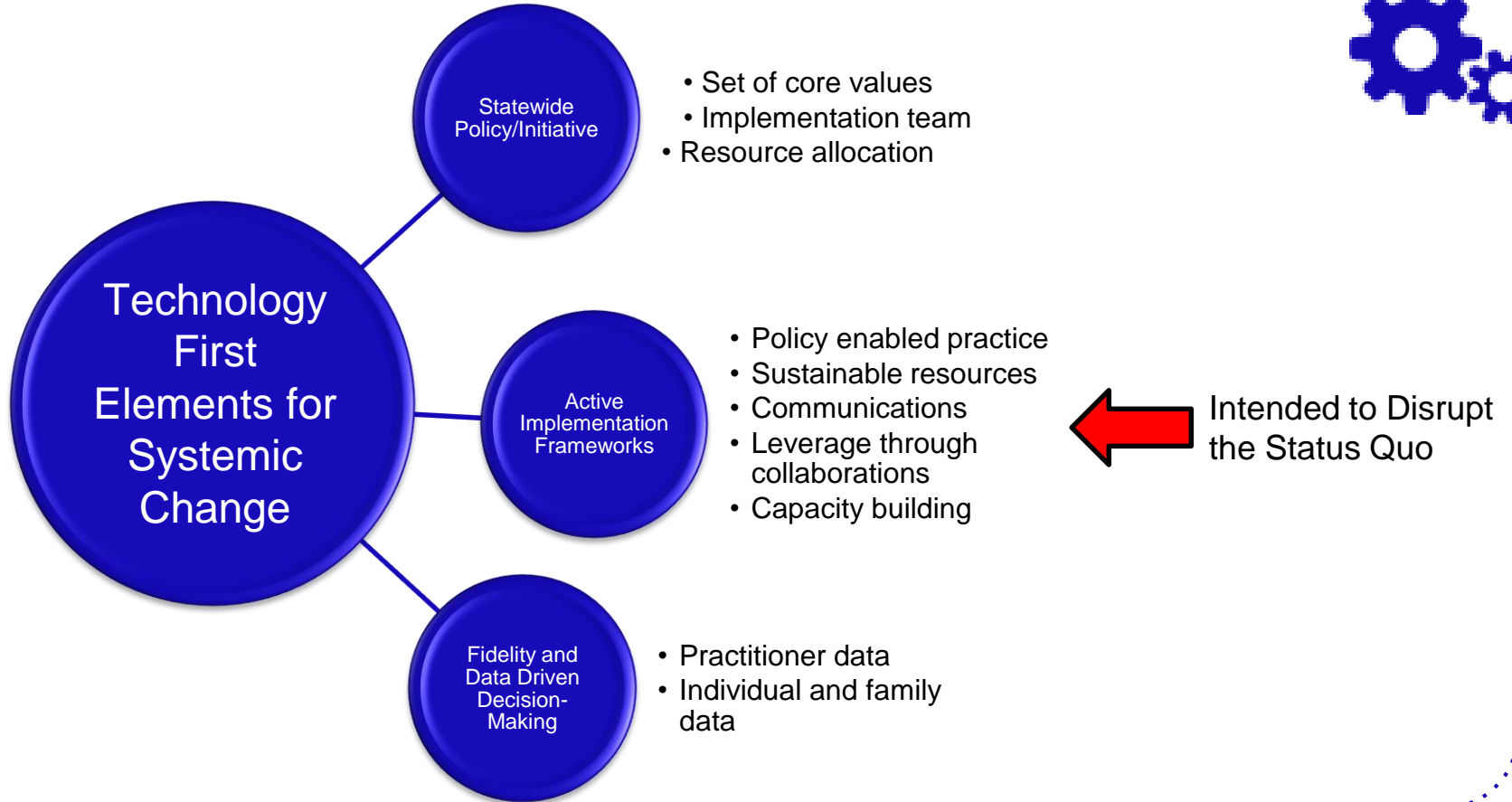
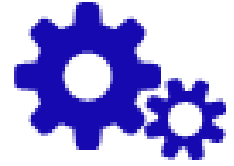
States Engaged in Technology Consortia

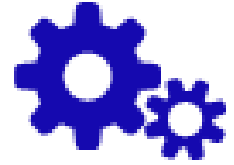
- Ohio*
- Missouri*
- Minnesota*
- Colorado
- Connecticut
- Delaware
- Hawaii
- Indiana
- New York
- Tennessee
- Pennsylvania
- Washington
- Wisconsin

* Using Technology First language



Technology First: Areas for Benchmarking





Statewide Policy/Initiative

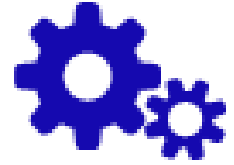
- “Set of core values, decision premises, and assumptions are developed and operationalized”
(NIRN –Systemic Change)
- Implementation Team (ex. Technology advisory council)
- Resource allocation to provide support for the Implementation Team

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

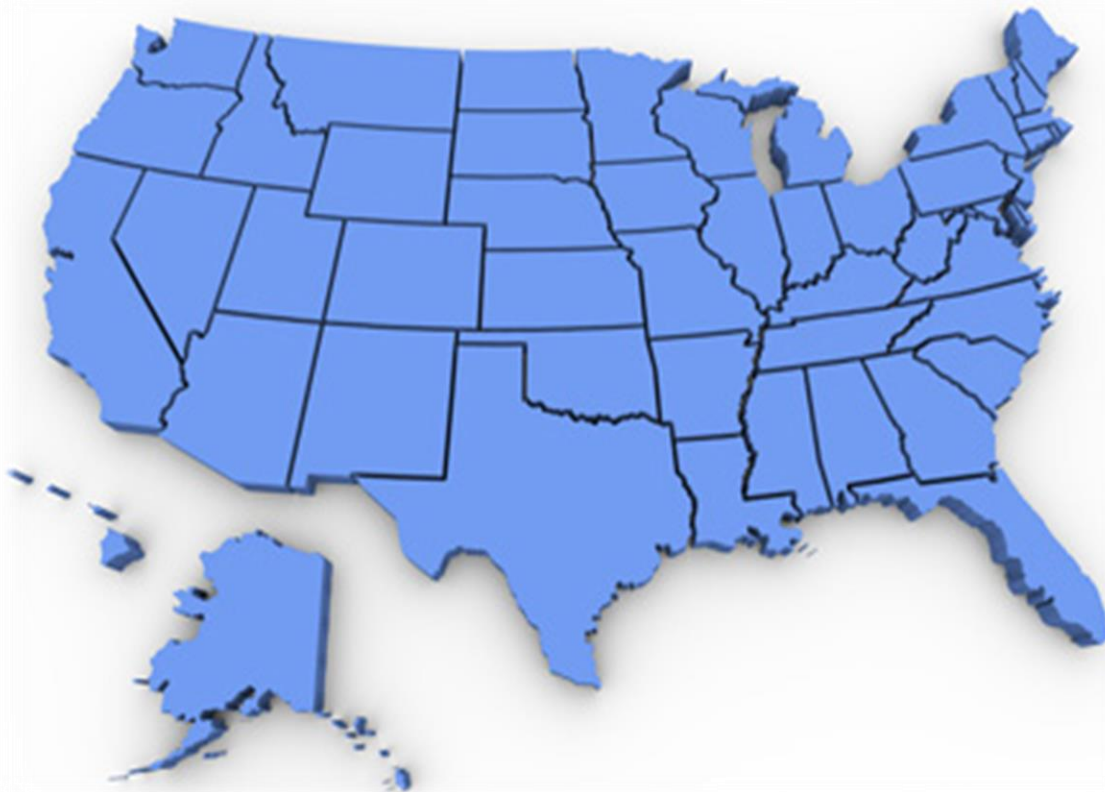


Agency/Practitioner Data Variables

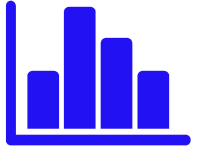
- Adoption of position/policy statements
- Diversity of funding streams
- Diversity of technology solutions
- User representation
- Cost savings and/or redistribution
- Impact to direct care programs and services
- Impact of incentives
- Impact of innovations
- Questions in national longitudinal data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

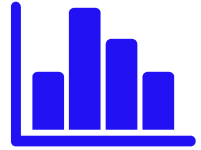
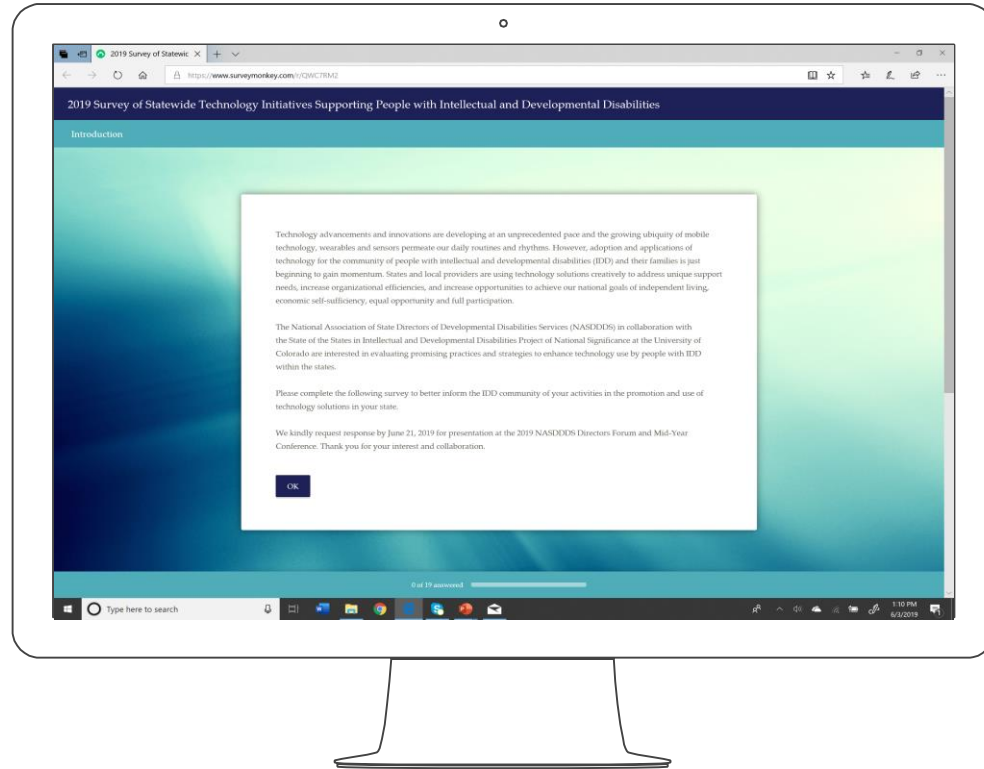
Service category and technology solution definitions provided

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?

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