

Digital Citizenship,
Technology Access,
and Internet Safety
for Youth and Adults
with Intellectual
and/or
Developmental
Disabilities (I/DD)

Why Supporting Digital Citizen
Activity of Individuals with
Intellectual and Developmental
Disabilities is Critical

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University



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Colorado Springs



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What is Community Participation?

- Full integration in social, civic, and political activities
- Social activities
 - Creating and maintaining one's social connections or social networks for either one's social or emotional benefit or to exchange new opportunities and information.
- Civic and political activities (civic engagement)
 - Involves a series of activities that promote civic and political life that better communities.
 - Require both individual actions and interactions with others to improve the quality of life of community members

Technology: Social, Civic, and Political Activity

Essential for building social capital and facilitating social inclusion

Allows people to take collective action on key issues of national importance and facilitates civic and political action

“texting, tweeting, Facebook, Instagram, and other tools have come into play not only for basic communication, but also to organize community rallies, group events, and even political actions” (National Research Council, 2014, p. 36).

Technology and Participation

Liz Weintraub
@Tuesdaywithliz

Following

PWD have RIGHTS--people with intellectual disabilities should be allow to exercise then
[#StopKavanaugh](#) [@RylinAUCD](#) [@AUCDNews](#)
[@AndyAUCD](#) [@MgmAUCD](#)

1:55 PM - 14 Sep 2018

37 Retweets 62 Likes

37 62

**SPEAK UP AND
SPEAK OUT
summit**

Funded by the Illinois Council on
Developmental Disabilities

Tell Your Members of Congress to Include the Disability Community in COVID-19 Relief Bill

Individuals with developmental disabilities, their families and support staff need your help!

#WeAreEssential TAKE ACTION

THERE IS STILL HOPE!

EMERGENCY FEDERAL RELIEF FUNDING IS NEEDED TO PROTECT THE HEALTH AND SAFETY OF THOSE WITH DEVELOPMENTAL DISABILITIES

We have one more chance to ask our members of Congress to support the needs of the disability community, which includes people with developmental disabilities, their families and the workforce that provides their care, in the next pandemic stimulus bill.

Send an email to Congress with one click now!

Title

Full Name

Address

Zip city and state not required

Phone

Email

Send Email

My name is and I am a constituent who lives in . People with disabilities, their families, and the direct support

Technology and Civic Engagement

LOCAL NEWS

Goodwill pulls paychecks from disabled workers



by Mark Maxwell
 Posted: Jul 16, 2019 / 12:04 AM CDT / Updated: Jul 16, 2019 / 03:48 PM CDT

Local Politics

Andy Manar
 @AndyManar

This morning I'm asking @ILHumanServices Sec Grace Hou & CMS Dir Janel Forde for full review of all state contracts awarding taxpayer \$ to Land of Lincoln Goodwill @GoodwillIll.

This review will answer obvious questions we are all asking about their use of state resources.

76 7:20 AM - Jul 17, 2019
 34 people are talking about this

Julie Morrison
 @SenatorMorrison

It is disheartening that Goodwill would use false excuses to terminate the employment of reliable, hardworking staff with disabilities in IL. We need @GoodwillIll to return to its mission of working to lift up those experiencing barriers to employment

wcia.com/news/local-new...

3 2:46 PM - Jul 16, 2019
 See Julie Morrison's other Tweets

National Politics

Bernie Sanders
 @BernieSanders

No worker should be told they're lucky to get less than minimum wage. People with disabilities deserve jobs that pay a living wage. It's time to end the subminimum wage and guarantee truly integrated employment opportunities for people with disabilities.

twitter.com/MarkMaxwellTV...

Mark Maxwell @MarkMaxwellTV
 The President and CEO at Goodwill defended her decision to pull paychecks from disabled workers:

"It really was not a job," she said. "We gave them through grace out of our budget to pay them so they had a paycheck to go home with."

wcia.com/news/local-new...

8,760 6:02 PM - Jul 16, 2019
 2,202 people are talking about this

Elizabeth Warren
 @ewarren

Our fight for a federal minimum wage will not come at the cost of employment for Americans with disabilities. Creating a false choice between the two is cruel and ableist. Americans with disabilities are Americans deserving of equal pay and opportunity.

wcia.com/news/local-new...

2,596 4:39 PM - Jul 17, 2019
 890 people are talking about this

Technology Enhanced Community Participation

Digital citizens use technology to participate in society for a variety of purposes

Digital citizen activity, not just digital skills, in the pandemic has become essential for individuals to “confront ideas about the enactment of identities and dialogue online as citizens who collectively work for equity and change” (Buchholz et al., 2020, p. 12)

84% of technology experts indicate there will be “significant social and civic innovation by 2030”

What is Digital Citizenship?

- Knowledge, skills, and access to technology for use across all digital citizenship elements in all life domains and is embedded in national education standards (Ribble, 2017)
- Areas include:
 - digital access, digital commerce, digital communication, digital literacy, digital etiquette, digital law, digital rights and responsibilities, digital health and wellness, and digital security.

Digital Citizenship

How does digital citizenship access
and use compare between youth
with and without I/DD?

Across most identified digital citizenship constructs, young adults with I/DD had less technology access and use than their peers without I/DD, putting them at greater risk for social isolation and community disengagement.

Secondary data analysis of National Longitudinal Transition Study 2012 data
Fisher, Williamson, Guerra, & Kupferman (2021)

Findings: Youth with I/DD were...

Digital access

- 69% less like to use a computer
- 35% less like to use computer for internet for news
- 62% less likely to have high-speed internet

Digital Etiquette

- No more or less likely to experience cyberbullying

Digital Literacy

- 30% less likely to receive social media instruction
- 87% more likely to indicate instruction was helpful

Digital communication

- 86% less likely to text
- 55% less likely to Instant Message
- 41% less likely to email
- 78% less like to use social media

Recent Research on the Digital Divide for Youth

Youth *without* I/DD were 410% more likely to use social media with friends

Youth with I/DD had less access to the internet or internet-enabled devices, were less likely to use a computer to search for news or to receive instruction

Minoritized youth with I/DD had less access, instruction, and use of technology

Gaming seems to be one area without differences

Digital Civics and Digital Citizenship

English | Español

Tools and Resources for Trainers

DIGITALLEARN.ORG

Search Courses

Sign Up / Log In

Use a computer to do almost anything!

Choose a course below to start learning or search courses.

If you are new to computers, haven't used them for a while, are a little unsure and uncomfortable, or just need a bit of a refresher, we have the tools to help you tackle technology at your own pace and gain the confidence you need to succeed.

Starting Out

- Why Use a Computer?**
Reasons why you should take the time to learn about computers. 15 mins
- Getting Started on a Computer**
What a computer is and how to use a mouse and keyboard. 15 mins
- Using a PC (Windows 10)**
Learn the basics of using a PC with the Windows 10 Operating System. 13 mins

Digital Civics Toolkit

Home Modules About Us Contact

BEST EDTECH 2018

2018 Top Pick for Learning

- PARTICIPATE**
Students explore their identities and communities, identify civic issues that matter to them, and consider how they might use digital media for civic participation.
- INVESTIGATE**
Students work to understand and analyze civic information online, and consider what information they can trust.
- DIALOGUE**
Students navigate diverse perspectives and exchange ideas about civic issues in our inter-connected world.
- VOICE**
Students consider how, when and to what end they can create, remix and otherwise repurpose content that they share with others in online spaces.
- ACTION**
Students consider a broad range of tactics and strategies for acting on civic issues.

youth participatory politics MacArthur Foundation

© 2018 by the MacArthur Research Network on Youth and Participatory Politics

common sense education

Q GO TO SEARCH Donate

Digital Citizenship EdTech Reviews Professional Development & Advice Resources In Spanish Distance Learning

Everything You Need to Teach Digital Citizenship

Get free lessons

Help students take ownership of their digital lives.

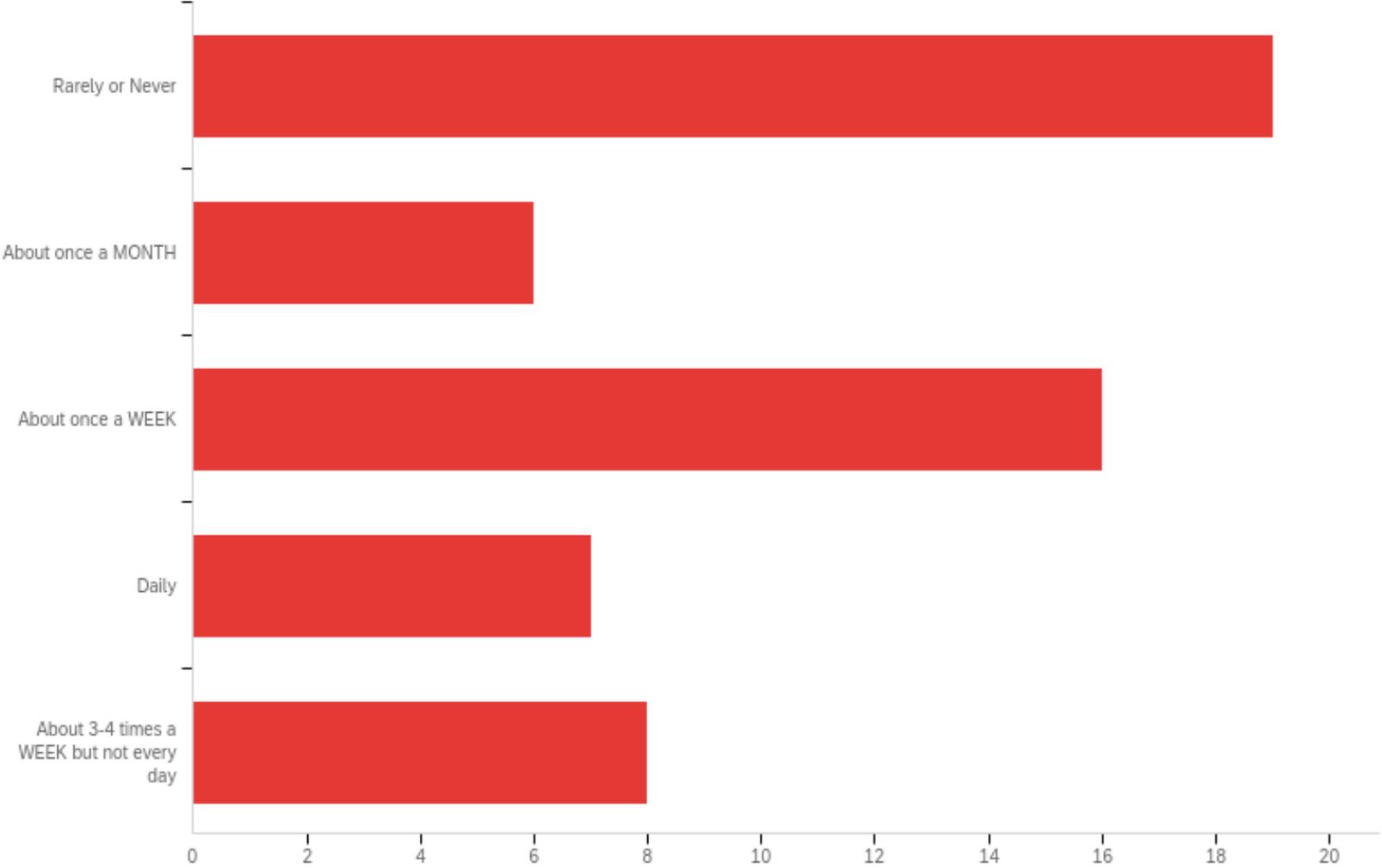
Digital Divide for Adults

- Individuals with I/DD have limited digital skills, access to technology, and use technology less for advocacy
- Barriers include concerns for safety, digital literacy and communication challenges, cyber language and etiquette concerns, accessibility, and potentially family or staff
- Access and use of technology:
 - Improves social connections
 - Is important for mental and social-emotional health
 - Improves social identity
 - Increases opportunities for leisure activities

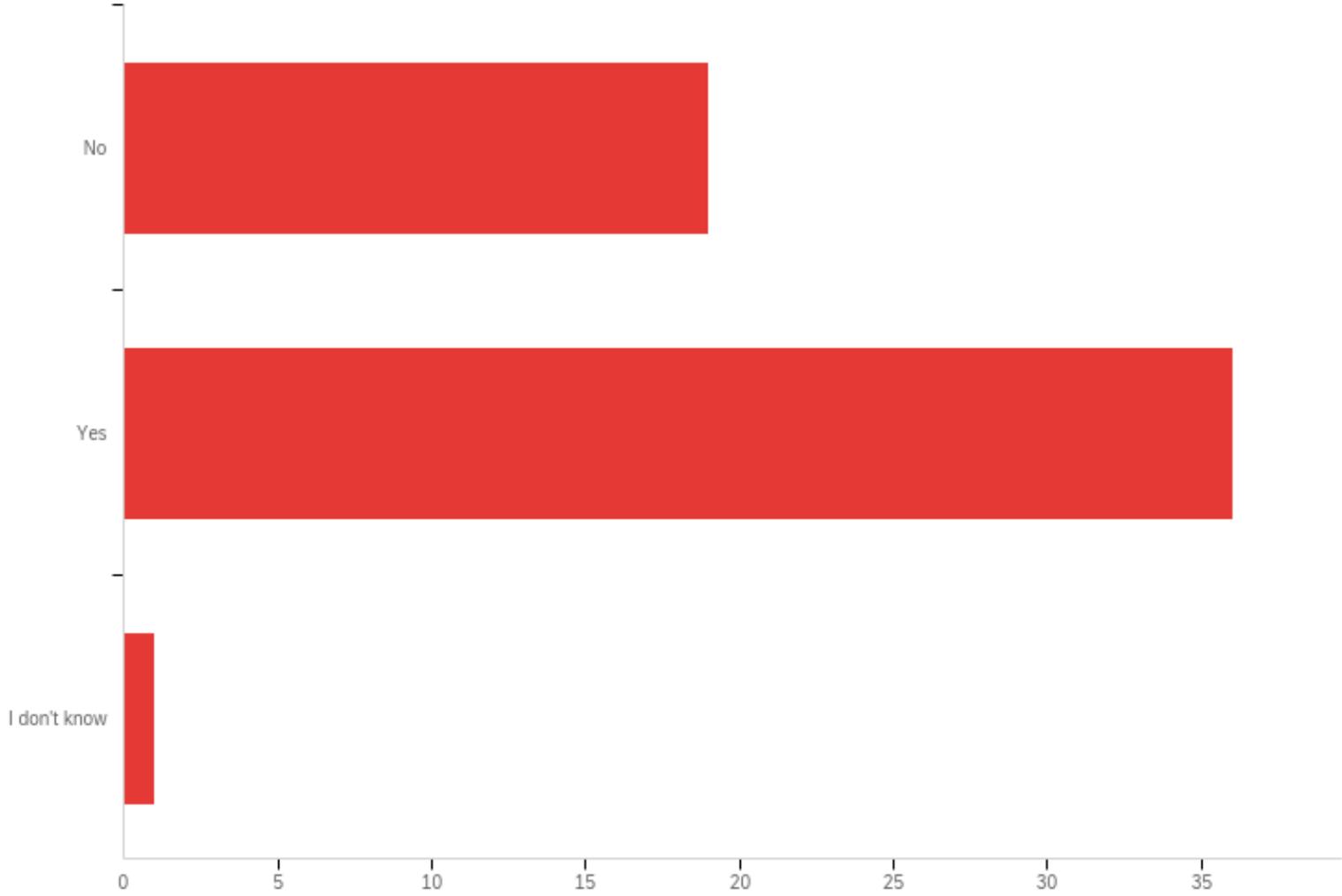
Technology Access and Use Current Work

- Community Engaged Work
- Partnering with The Arc of Illinois
- How Adults with IDD in Illinois are access and use technology; Barriers and Facilitators
- How COVID pandemic has changed advocacy engagement and work to use more technology

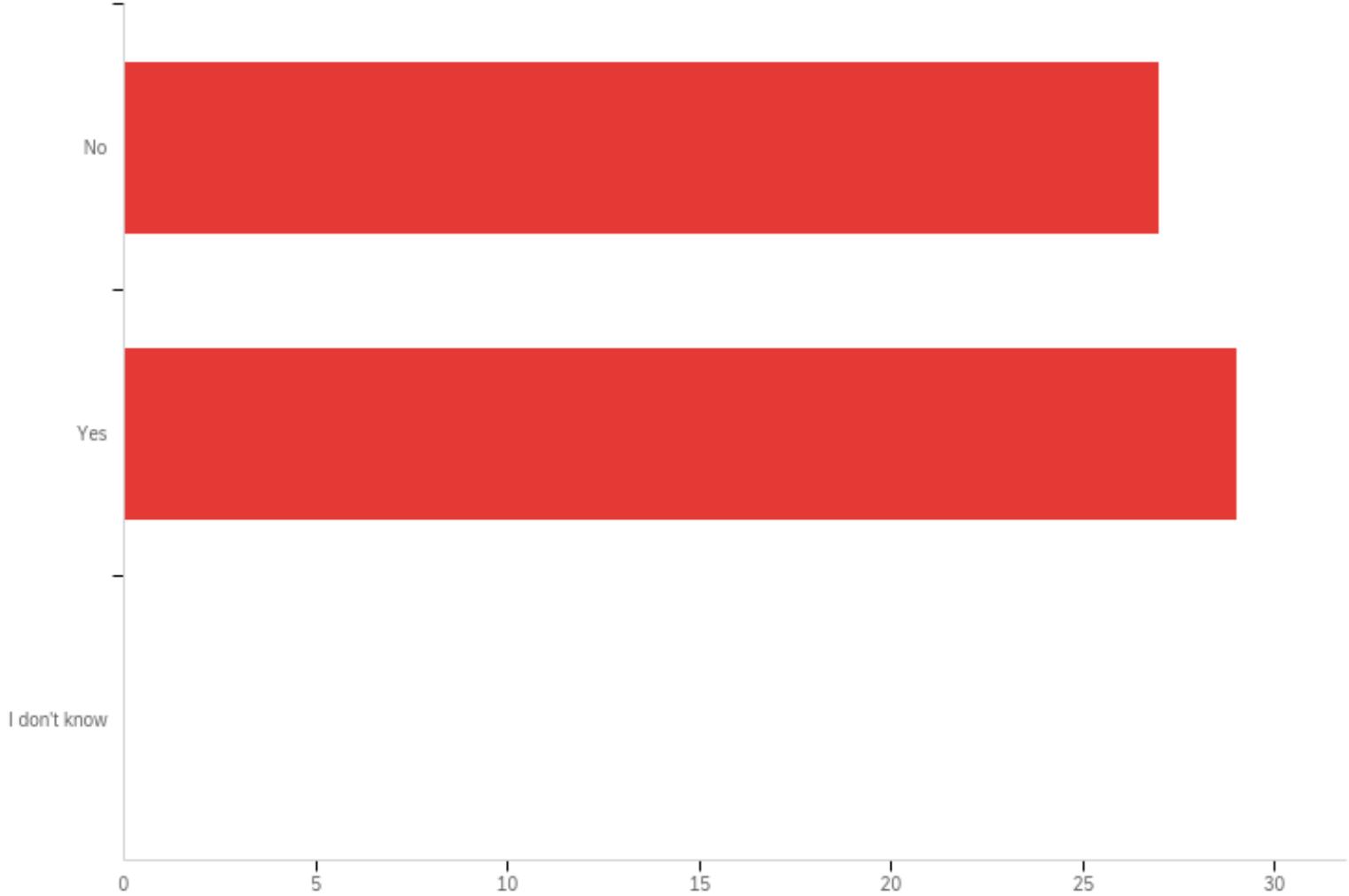
How often do you create your own media to share online, like blogging, creating podcasts, music, videos, art, or streaming gaming videos?



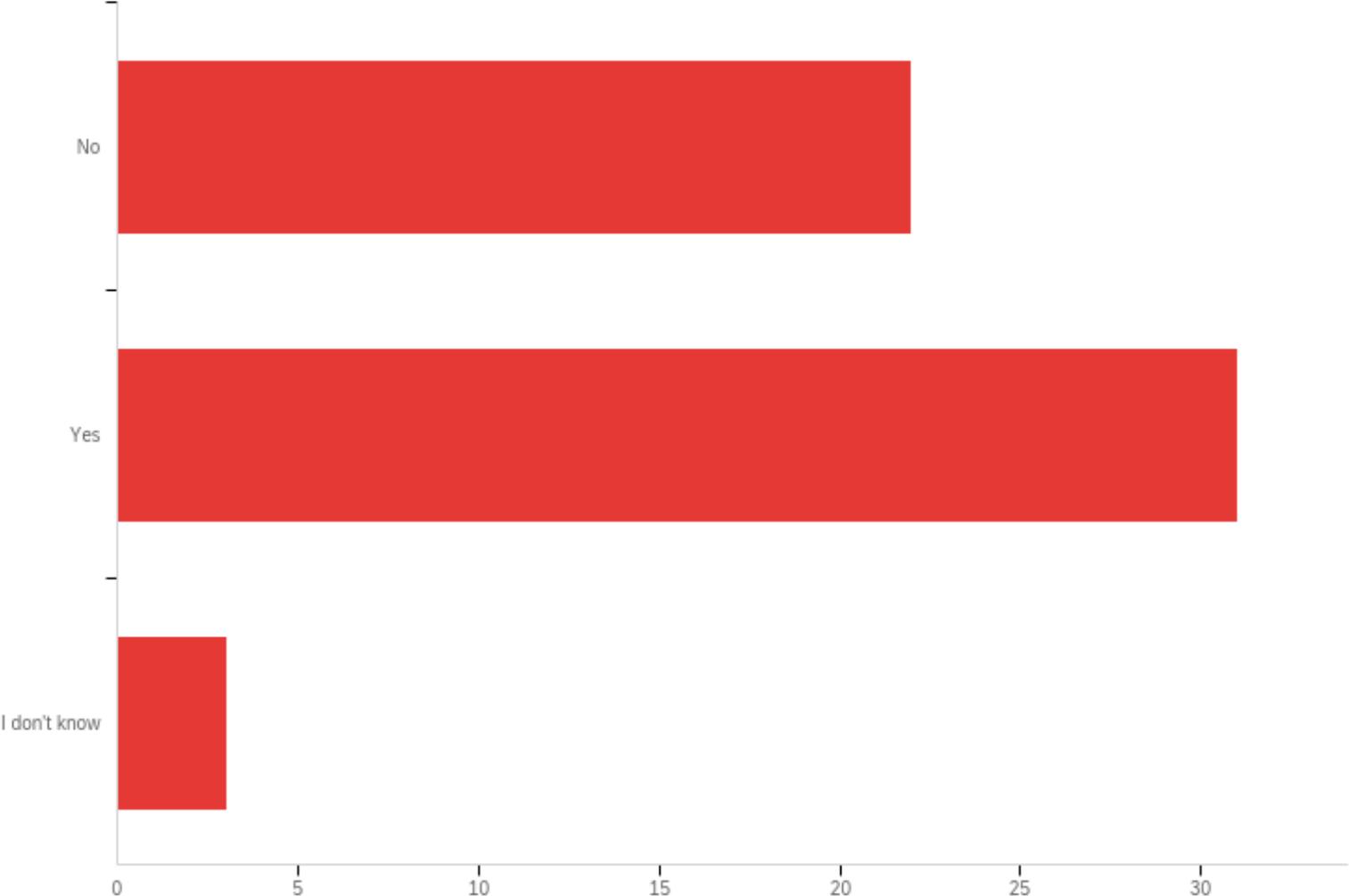
In the past 12 months, have you signed an e-mail, Facebook, or other online petition?



In the past 12 months, have you contacted your legislator by sending an email, tweet, or instant message, or by posting a comment on its website or Facebook page?



In the past 12 months, have you contacted an advocacy organization doing work in your community? Contact could be by: sending an email, sending a tweet, sending an instant message, or posting a comment on its website or Facebook page?



Measuring Technology Enhanced Community Participation Outcomes

- Direct Measurement of Technology Access, Knowledge, and Use
 - Digital Propensity Index (DPI)
 - Egocentric network analysis (Ego)
 - Youth Participatory Politics (YPP)
 - Community Participation Indicators from NCI
 - Pew Civic Engagement Survey
- Secondary Data Analysis

*How often would you say you interact with your friends and family through Facebook?” **YPP***

*Communicates with others online. **DPI***

*Follow elected officials, candidates for office or other public figures. **PEW***

*“In the past 12 months, have you contacted your local, state or federal government by sending an email, tweet, or instant message, or by posting a comment on its website or Facebook page?” **YPP***

Steps taken:
Policy,
Practice,
and
Research

Coleman Institute for
Cognitive Disabilities
AAIDD Technology Statement
The Arc Technology Initiative
Technology First
CRPD and ICT
Broadband

What can
we
leverage?

Individuals with Disabilities Education Act

Workforce Innovation and Opportunity Act

Section 508 of the Rehabilitation Act of 1973 - K Waivers

Home and Community Based Services –

Increasing personal allotment

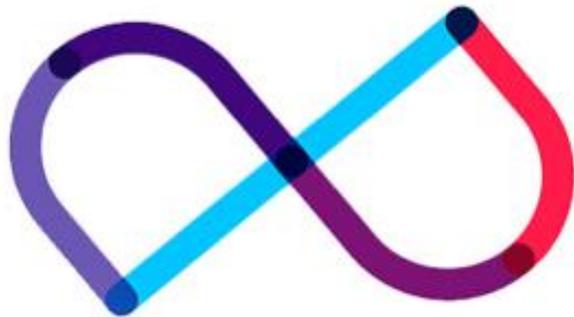
Internet funding

Technology support

Partnering with Industry: NCDT

National Collaborative for Disability and Technology (NCDT) is a federally funded effort with over 300 people with disabilities and industry partners proactively working together to co-develop and co-evaluate accessible technology.

- Community participation-focused project partners
 - Engineers become advocates
 - People with disabilities become self-determined experts
- Case examples



National Collaborative
for Disability and Technology

Partnering with Industry: Internet Safety

Internet Risks: Cyberbullying, cyber threats, risky content and contacts

Responsible Internet Use: Excessive screen time, social media, gaming

Internet Competency: Digital citizen identity, digital empathy, online footprint, privacy

Education and Guidance: Internet safety education, family guidance

Social Infrastructure: Cyber infrastructure, industry engagement, legal considerations

Let's have some fun...a few case studies!



**NATIONAL
CYBERSECURITY
CENTER**



**common
sense**

Thank you!

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