



Lightning Talks

Local Planning Grant Recipients



TECNOLOGÍA para TODOS

Technology for all





Empowering families with STEM and Digital Literacy



512 Latinas/os

87% age 18 to 50 years old.

81% annual incomes less than \$ 50,000.

73% are Renters or live with friend or family rent free.

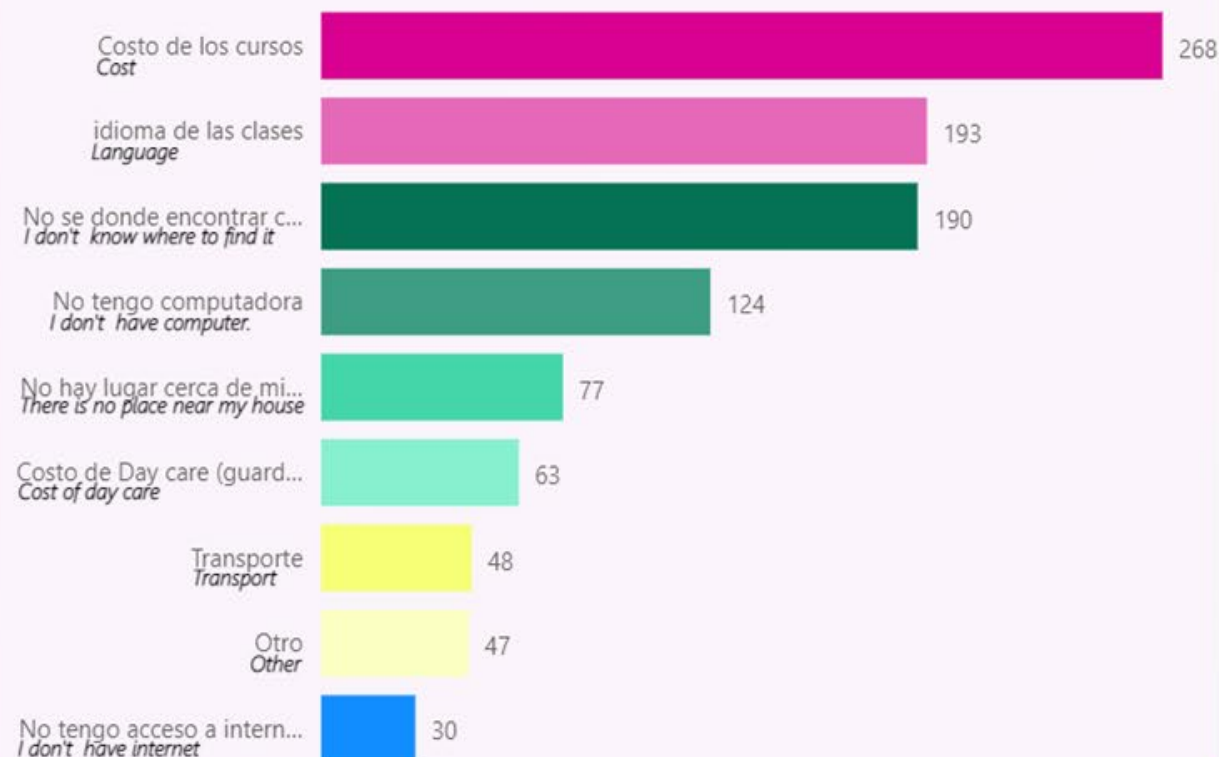
61% speak only Spanish.

40% lives in Salt Lake City.

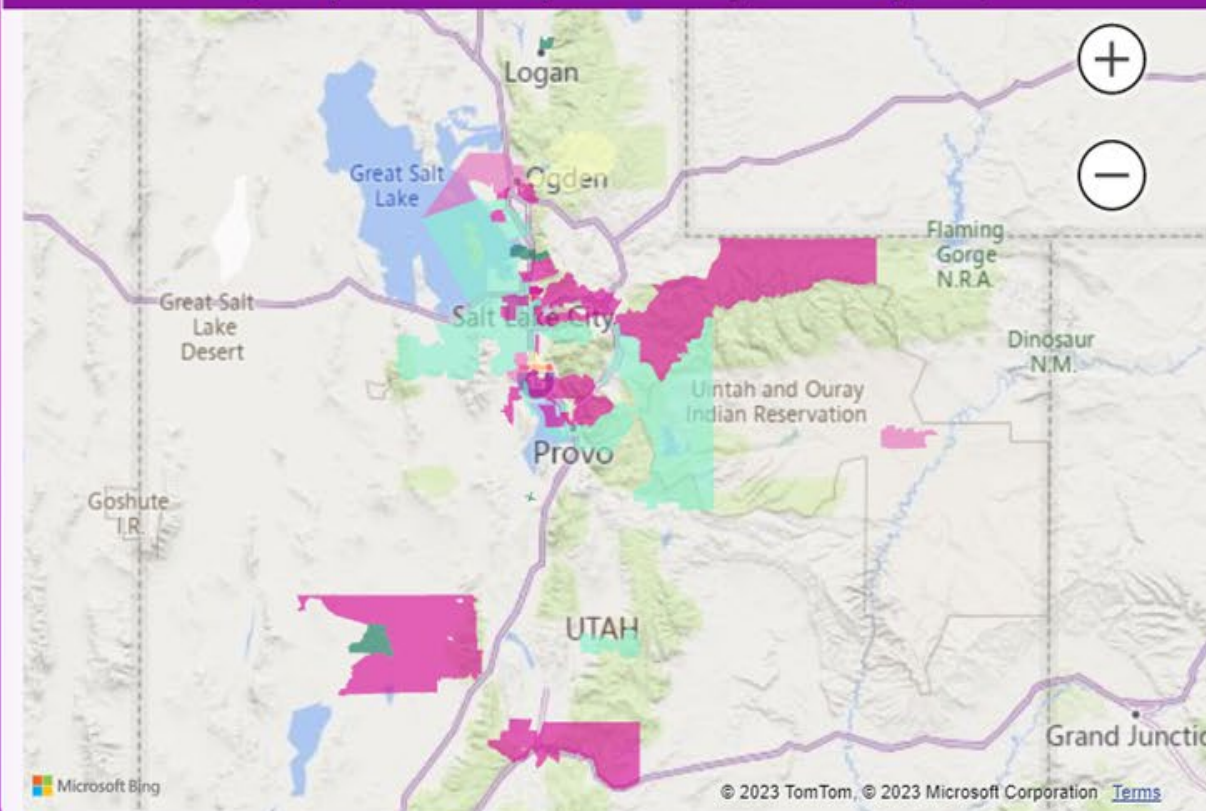
2% have disability.

Key barriers

Principales barreras - Key barriers

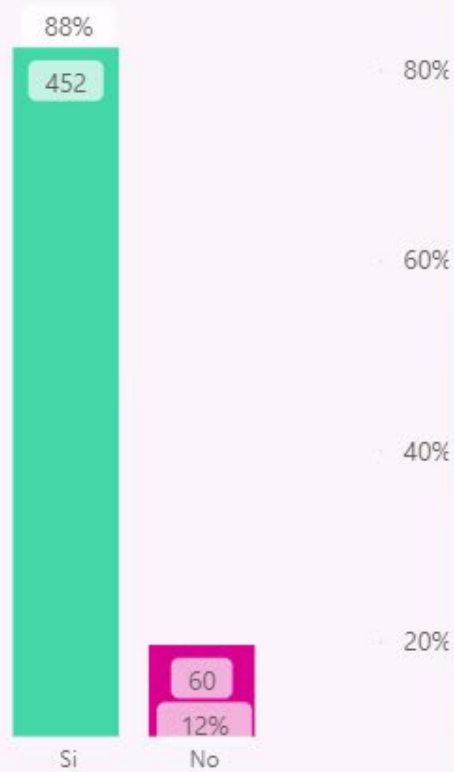


Principales barreras por area - Key barriers by area

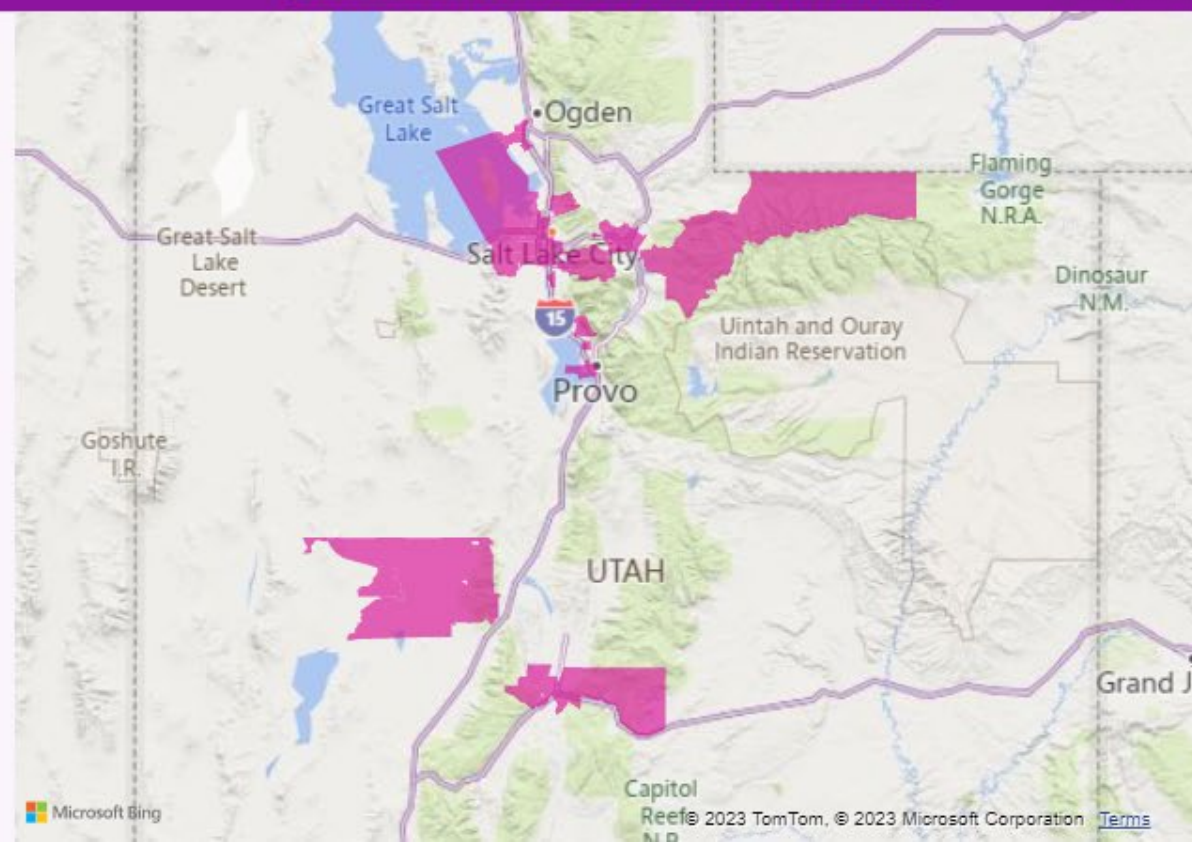


Internet access

Internet en casa - Internet in house



Zonas sin Internet - Areas without Internet

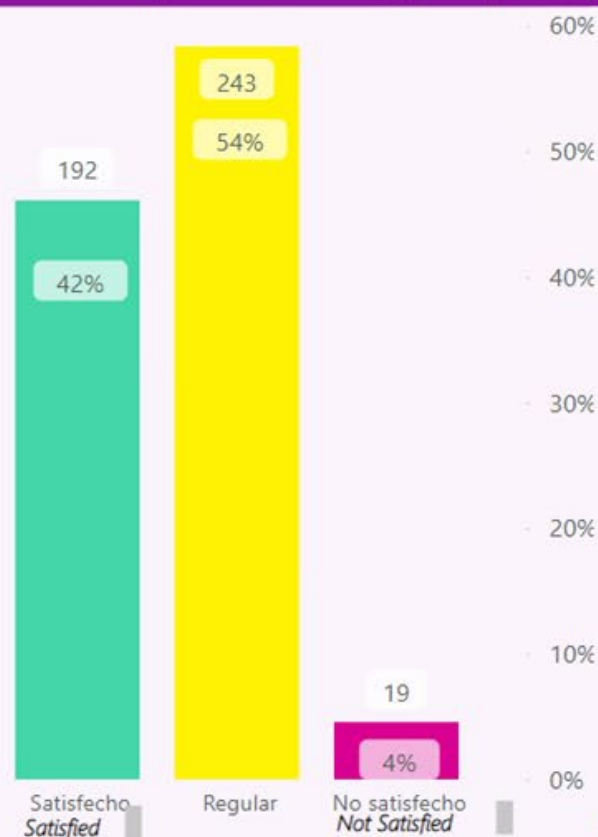


Sin Internet por County - No internet by County

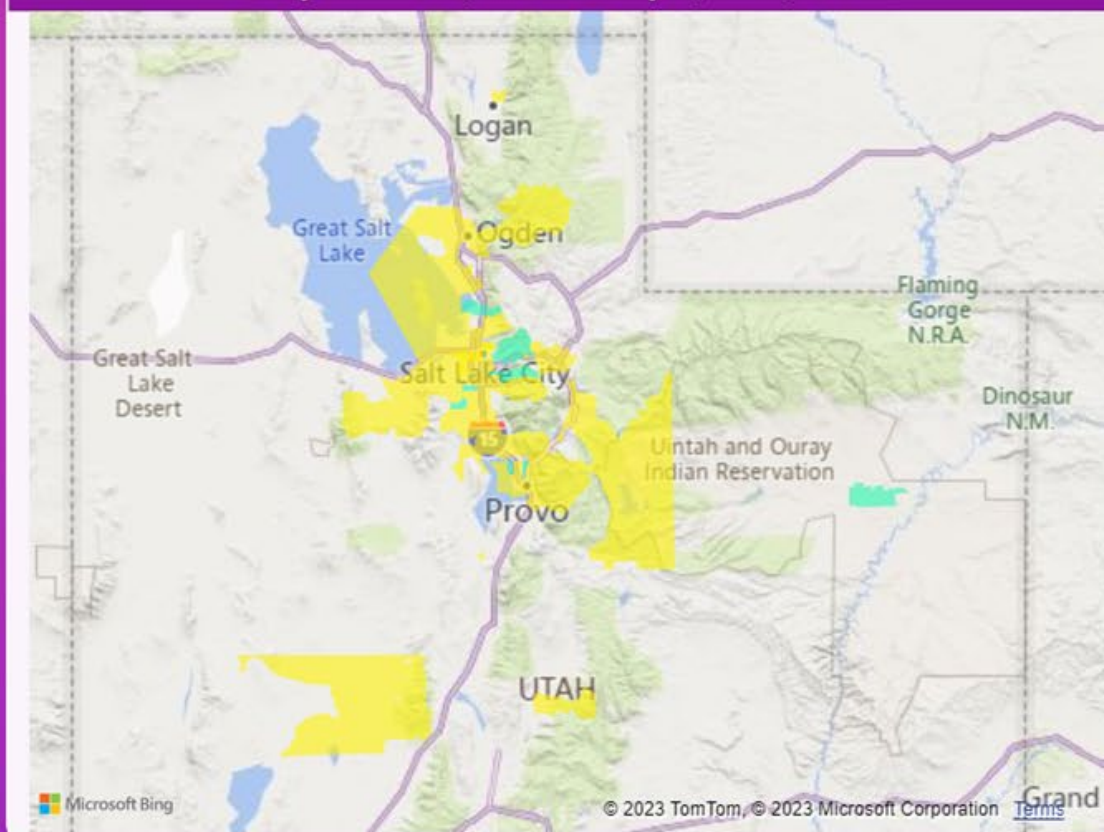
county	Porcentaje de Encuestados	Encuestados
⊕ Salt Lake City	45%	27
⊕ Salt Lake	23%	14
⊕ Millard	15%	9
⊕ Summit	5%	3
⊕ Utah	5%	3
⊕ Davis	3%	2
⊕ Sevier	2%	1
⊕ Weber	2%	1
Total	100%	60

Internet :Satisfaction

Nivel de satisfacción - Level of satisfaction



Mapa de satisfacción - Map of satisfaction



Satisfacción por county - Satisfaction by county

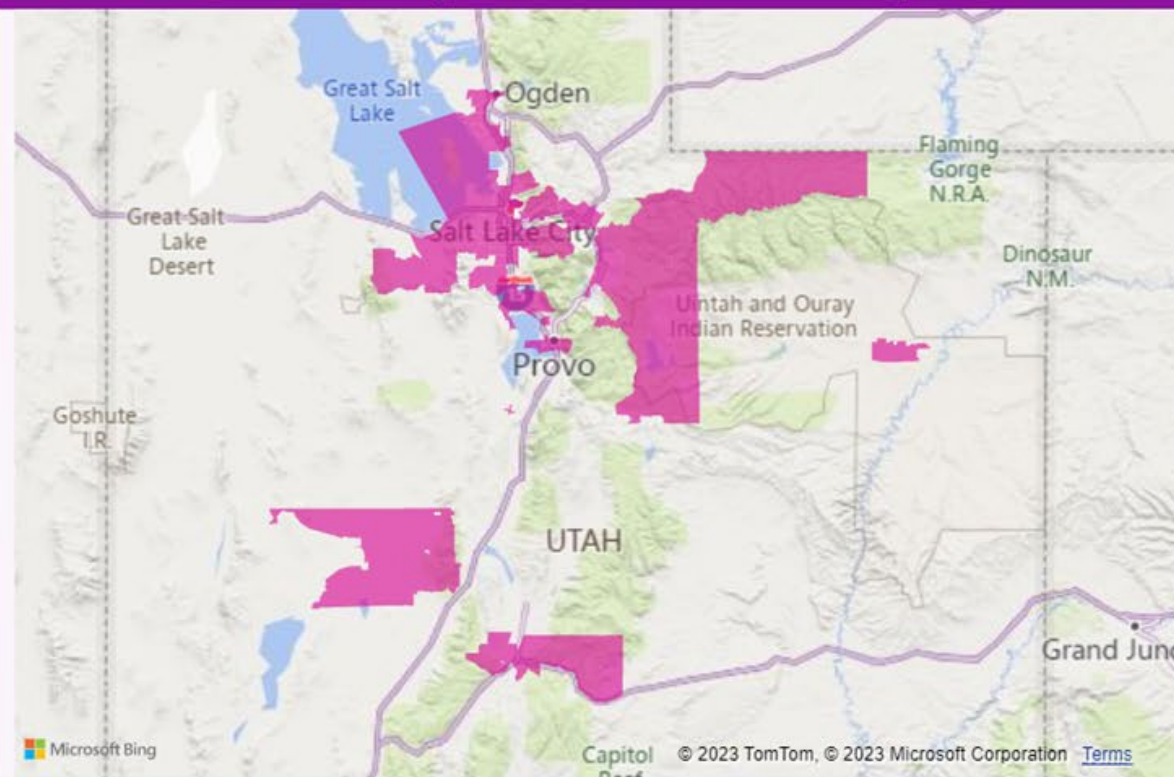
county	Encuestados	Porcentaje de Encuestados	Satisfacción
⊕ Salt Lake City	206	40%	Regular
⊕ Salt Lake	174	34%	Regular
⊕ Utah	57	11%	Regular
⊕ Davis	35	7%	Regular
⊕ Millard	15	3%	Regular
⊕ Weber	10	2%	Regular
⊕ Tooele	5	1%	Regular
⊕ Summit	4	1%	Regular
⊕ Wasatch	3	1%	Regular
⊕ Cache	1	0%	Regular
⊕ Sanpete	1	0%	Regular
⊕ Sevier	1	0%	No satisfecho
Total	512	100%	Regular

Access to computers

Posee computadora - Computer ownership



Zonas sin Computadoras - Areas without computer

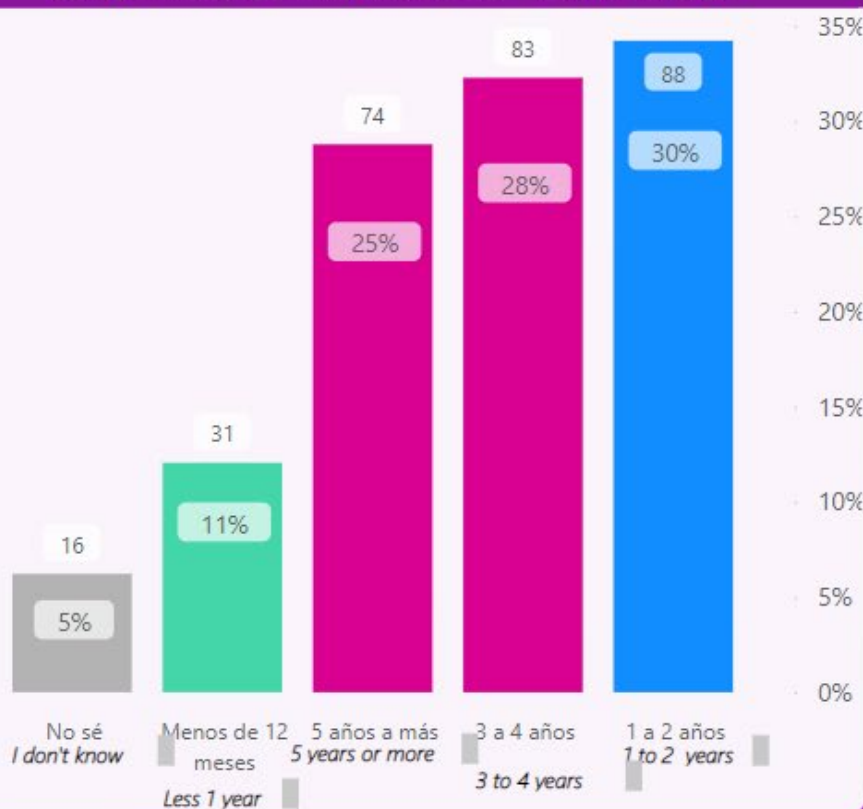


Sin computadora por County - No computer by County

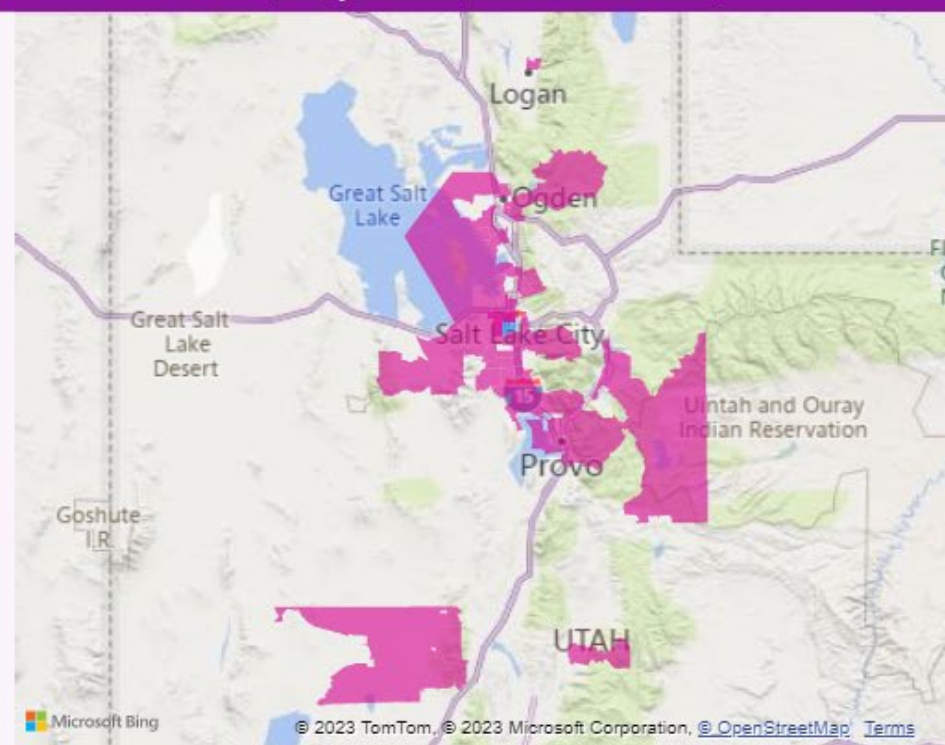
county	Porcentaje de Encuestados	Encuestados
⊕ Salt Lake City	51%	113
⊕ Salt Lake	27%	61
⊕ Utah	8%	17
⊕ Millard	6%	13
⊕ Davis	4%	8
⊕ Summit	2%	4
⊕ Tooele	1%	2
⊕ Wasatch	1%	2
⊕ Weber	1%	2
⊕ Sevier	0%	1
Total	100%	223

Computer Age

Antigüedad de computadoras - Computer age



Zonas con computadoras con 3 o más años - Areas with Computers of 3 or More Years

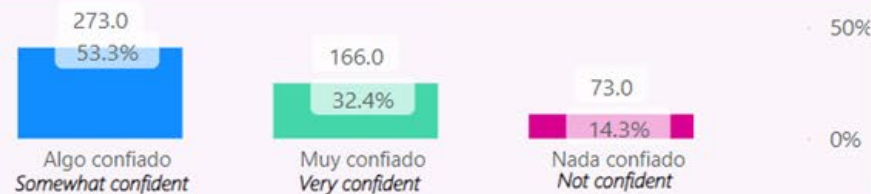


COUNTY: Computadoras con 3 años o más - Computer of 3 years or more

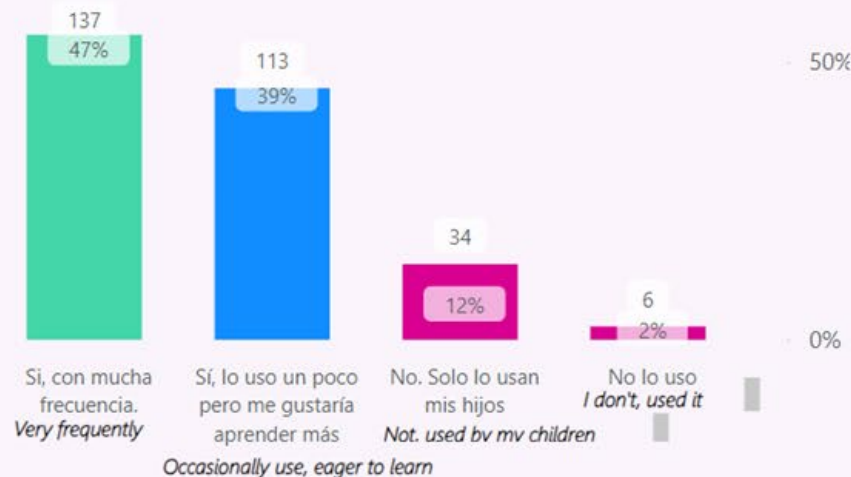
county	3 a 4 años	5 años a más	Total
⊕ Salt Lake	23%	18%	41%
⊕ Salt Lake City	14%	15%	29%
⊕ Utah	7%	5%	12%
⊕ Davis	6%	5%	11%
⊕ Weber	1%	2%	3%
⊕ Millard	0%	1%	1%
⊕ Tooele	1%	1%	1%
⊕ Cache	1%	0%	1%
⊕ Sanpete	1%	0%	1%
⊕ Wasatch	0%	1%	1%
Total	53%	47%	100%

Computer confidence & usage frequency

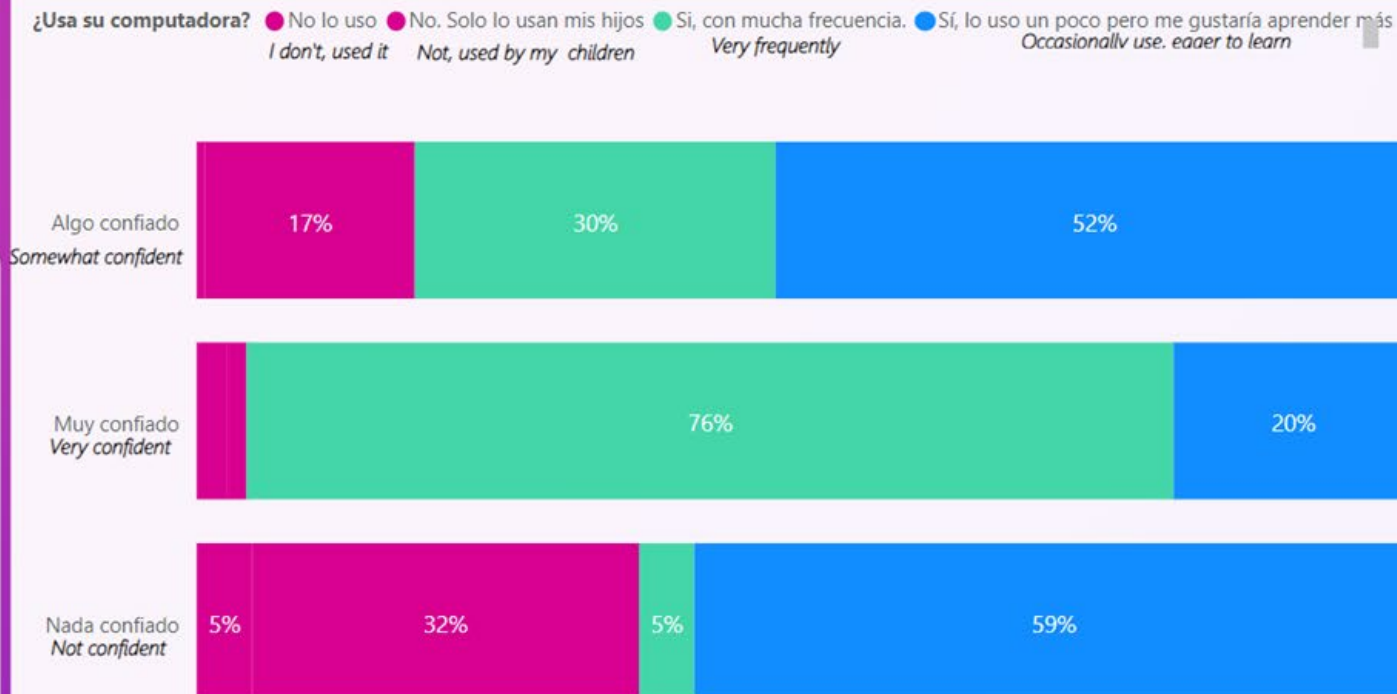
Confianza de uso - Confidence in Computer



Frecuencia de uso - Computer Usage

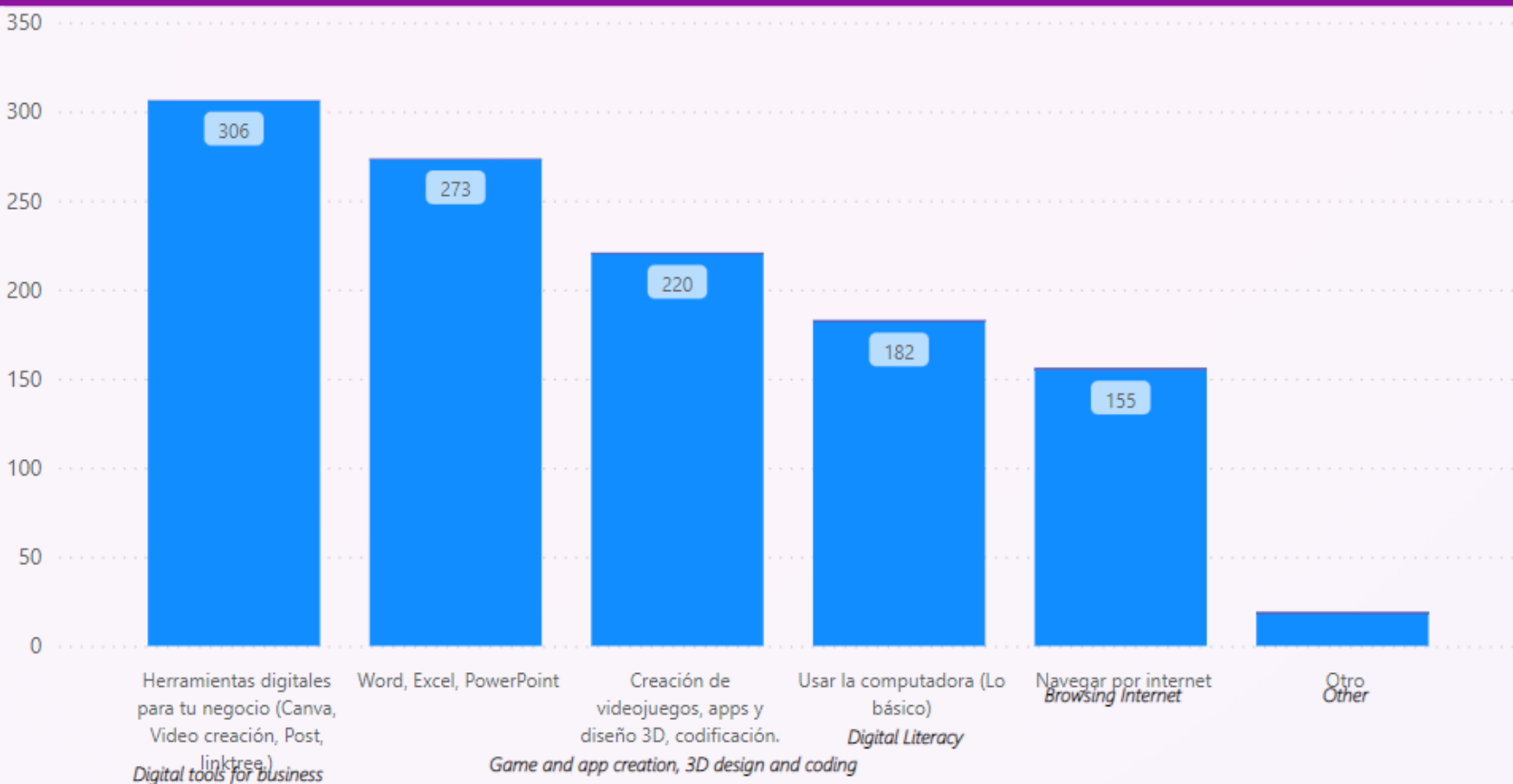


Seguridad de uso vs Frecuencia - Confidence vs confidence



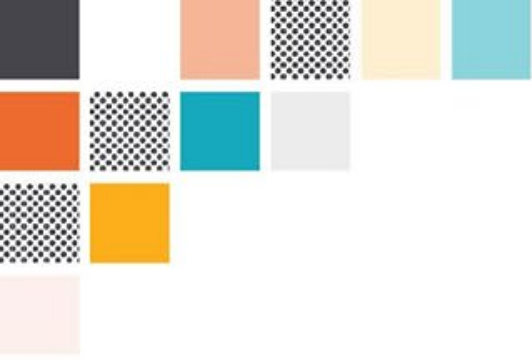
Courses

Cursos que le gustaría aprender - Courses they would like to learn



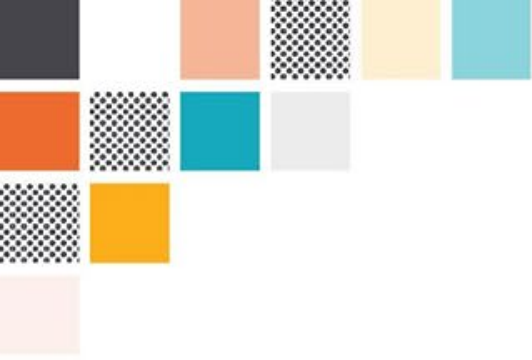
Otros - Other

Especificar	TotalCursos
Clear organization basica	1
Cómo crear una clase interesante en un tema de Biología ,Matemática.	1
Como llenar aplicaciones y papeles importantes	1
Diseño	1
Diseño en construcción	1
Machine learning	1
marketing , por redes sociales y google e impulsarlo en estos medios	1
mercadeo	1
photo shop, adobe	1
Photoshop	1
Project management	1
Tableau	1
Wobbly	1
Total	13



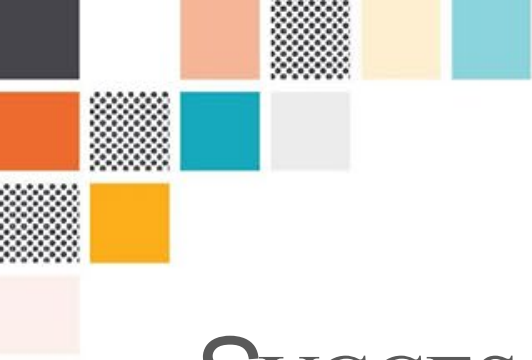
United Way of Utah County

DIGITAL INCLUSION



PLAN GOALS

- UTAH COUNTY RESIDENTS, INCLUDING SENIORS AND HISPANIC OR LATINO NEIGHBORS, HAVE QUALITY, APPROPRIATE TECHNOLOGY DEVICES IN THEIR HOMES.
- UTAH COUNTY RESIDENTS HAVE DIGITAL SKILLS NECESSARY TO UTILIZE DEVICES TO ACCESS AFFORDABLE, QUALITY BROADBAND



PROCESS

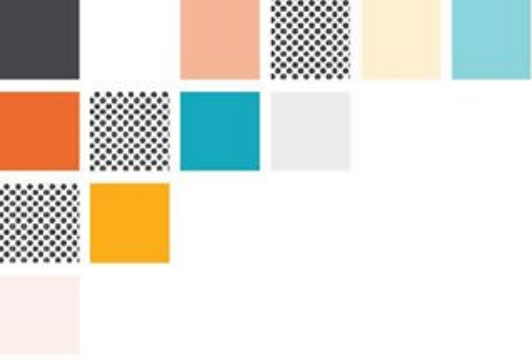


SUCCESSES

- TREMENDOUS SUPPORT FROM COMPANIES, ORGANIZATIONS, AND CITIES THAT WERE INTERESTED IN SUPPORTING US THROUGH THIS GRANT PROCESS.
- OVERALL HAS BEEN A SMOOTH PROCESS

CHALLENGES

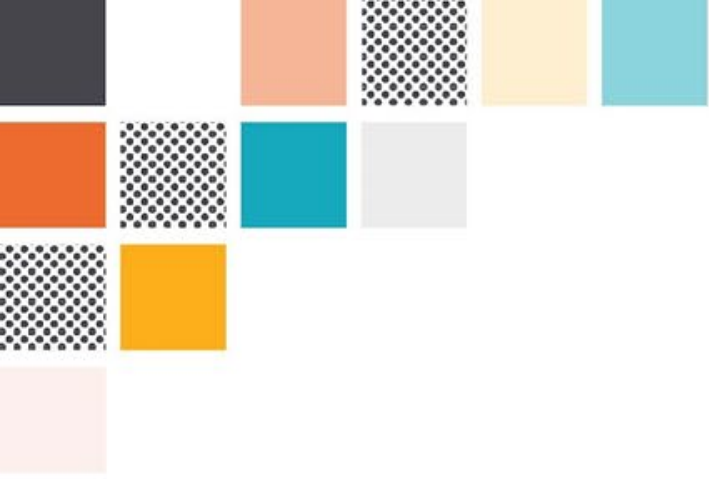
- LAST MINUTE DISASTER



NEXT STEPS

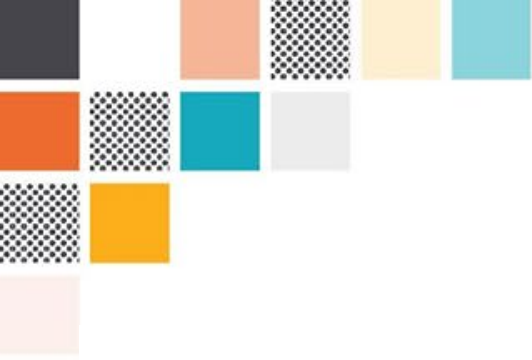
- COLLABORATING WITH OUR PARTNERS TO
FINALIZE OUR PLAN

THANK YOU



CONNECTING
UTAH
ALL UTAH ALL ONLINE





THE CENTER
FOR ECONOMIC
OPPORTUNITY
& BELONGING



Digital Equity Research

Main Street, Salt
Lake City, Utah

Progression of the Presentation

- Type of household internet used
- Internet affordability
- Digital literacy
- Availability of devices and technical support
- Socio-economics



Utah's state
capitol building

Type of Household Internet

Type of Household Internet



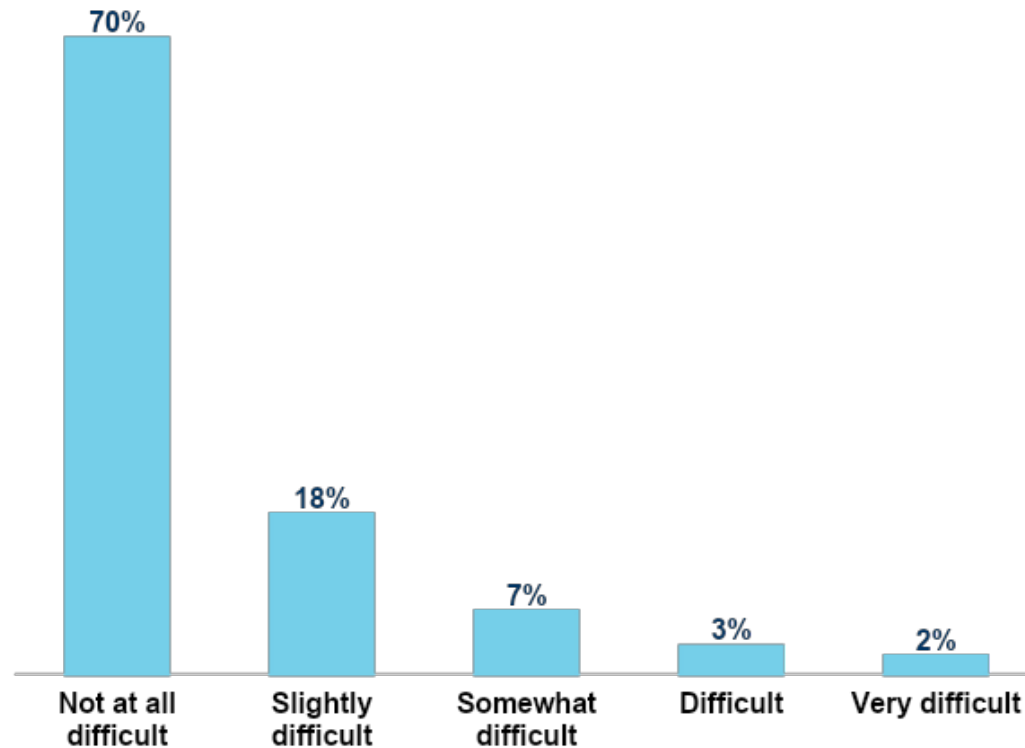
Internet Affordability

Type of Household Internet

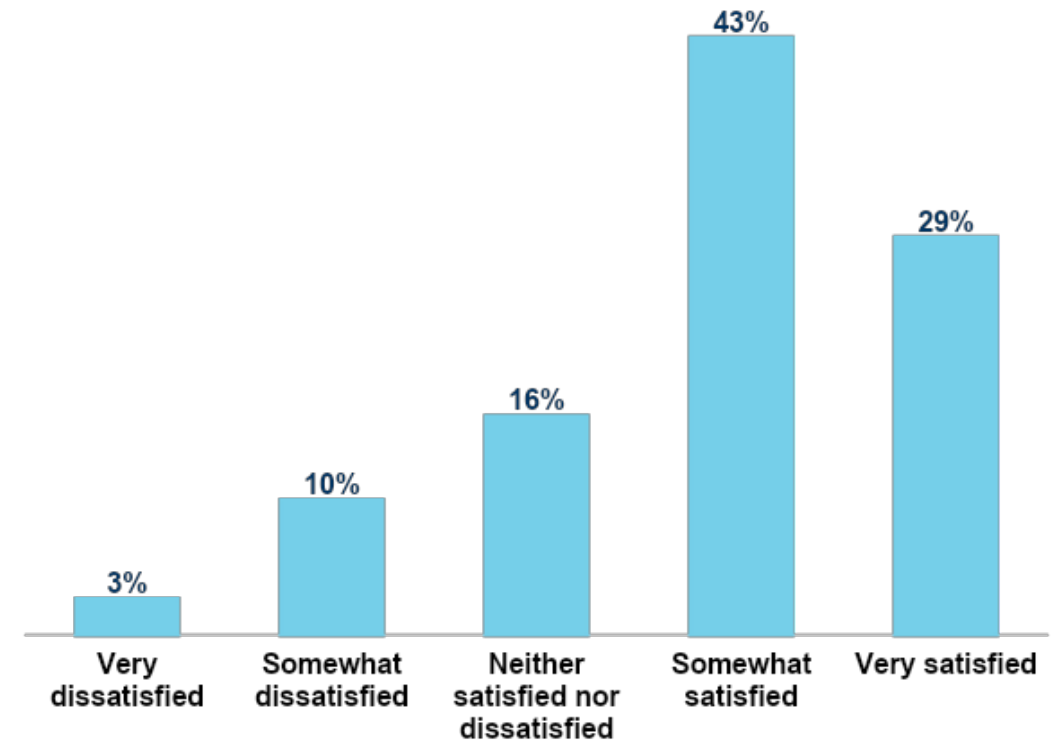
95%

Pay for internet

Difficulty Affording Internet

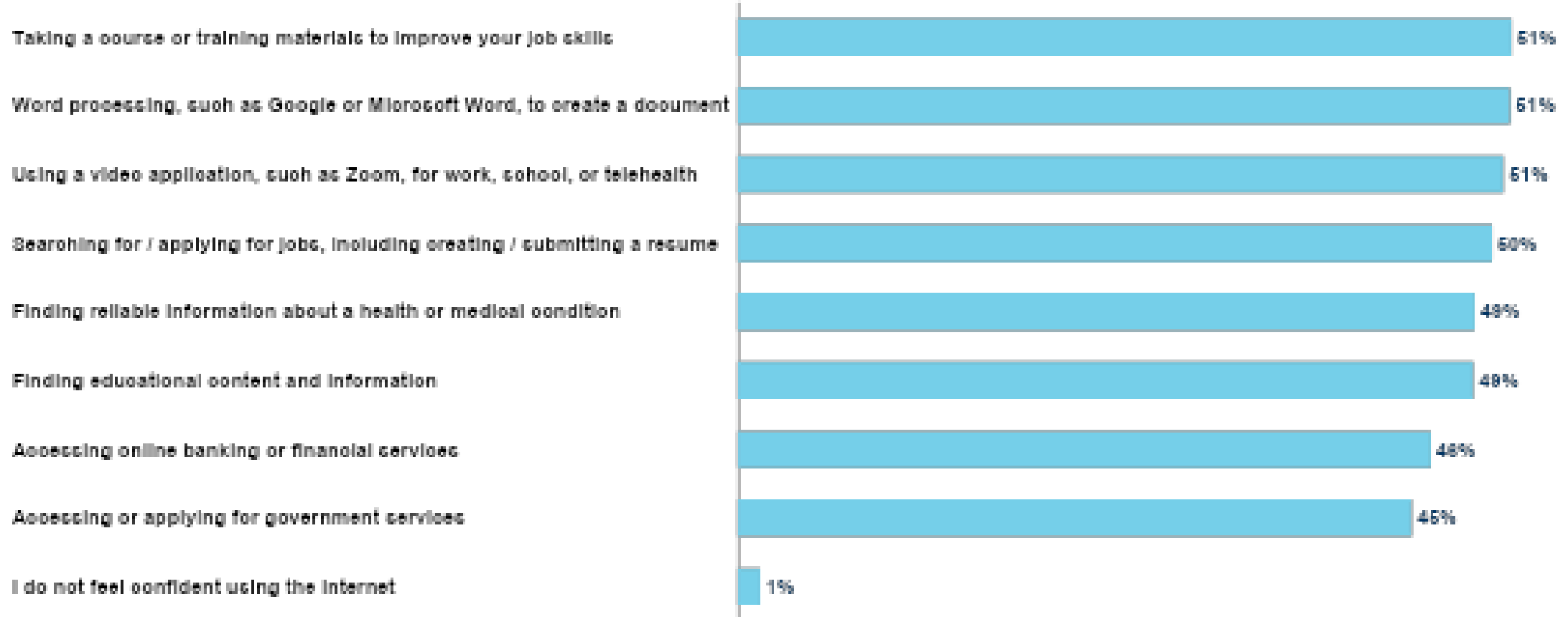


Internet Quality Satisfaction



Digital Literacy

Digital Literacy



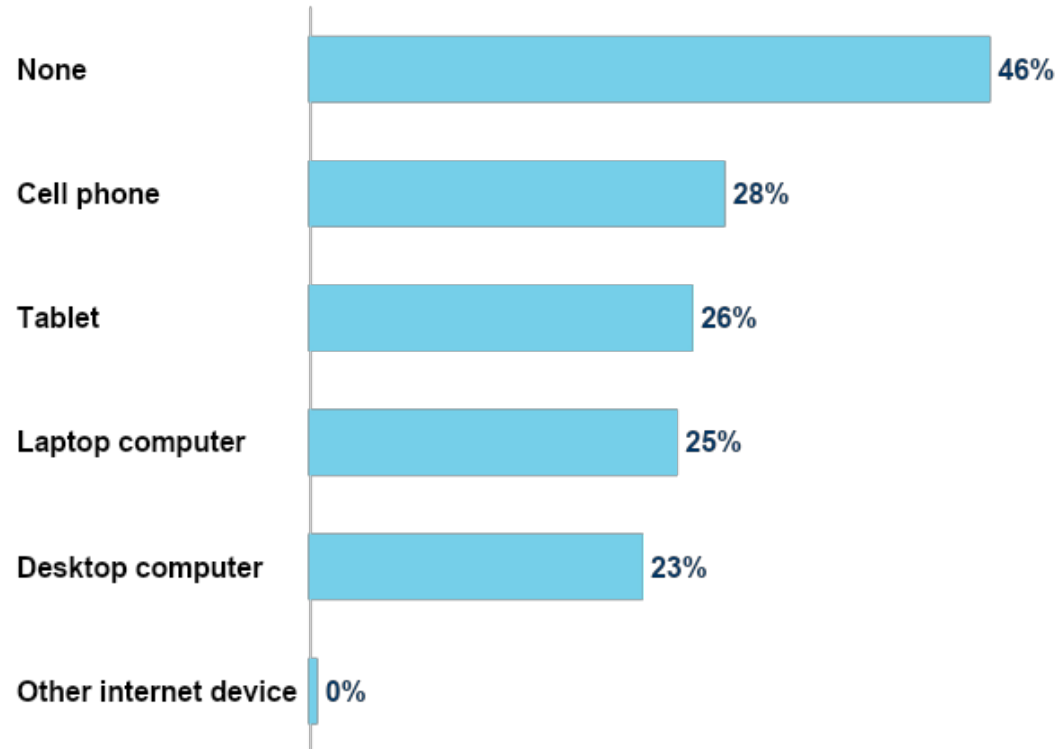
**Availability of devices
and technical support**

Device Availability and Technical Support

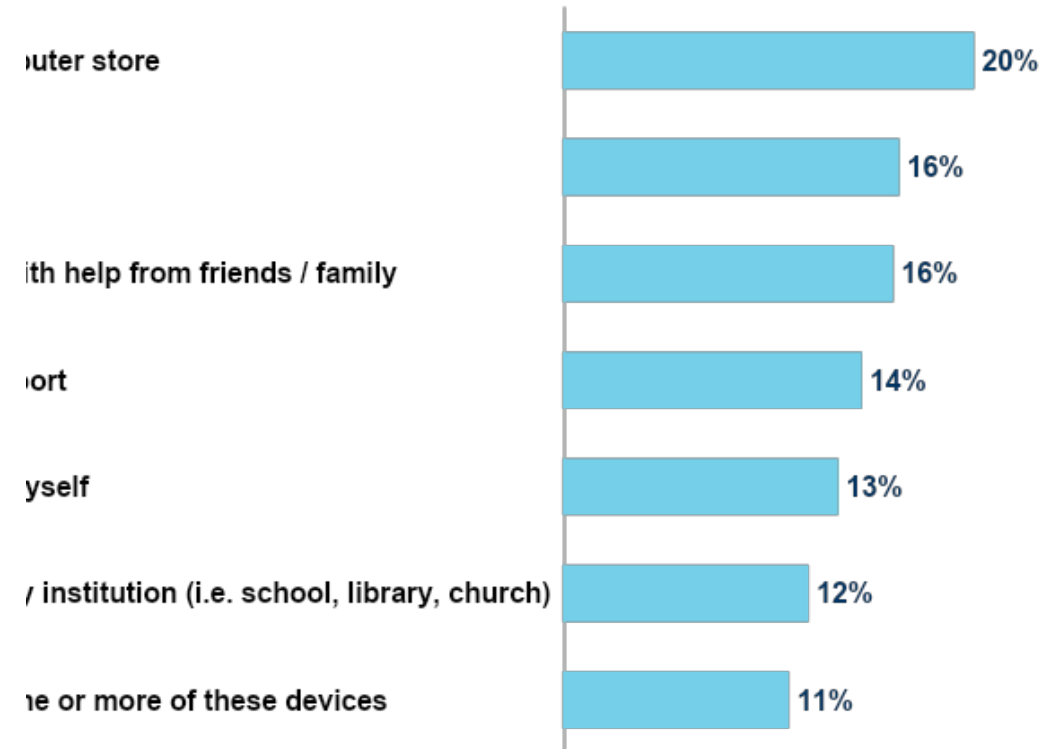
92%

Have enough
computer devices

Failed to Function Properly (past 6 months)



How Respondents Manage Technology Issues



Q8: Does your household have enough computer devices (laptop, desktop, tablet computer) available to meet the needs of those living in this home? (n = 1,139)

Q9: In the past 6 months, which of the following technology devices have failed to function properly for you? (Select all that apply) (n = 1,139)

Q10: How did you deal with the problem you encountered? (Select all that apply) (n = 1,139)

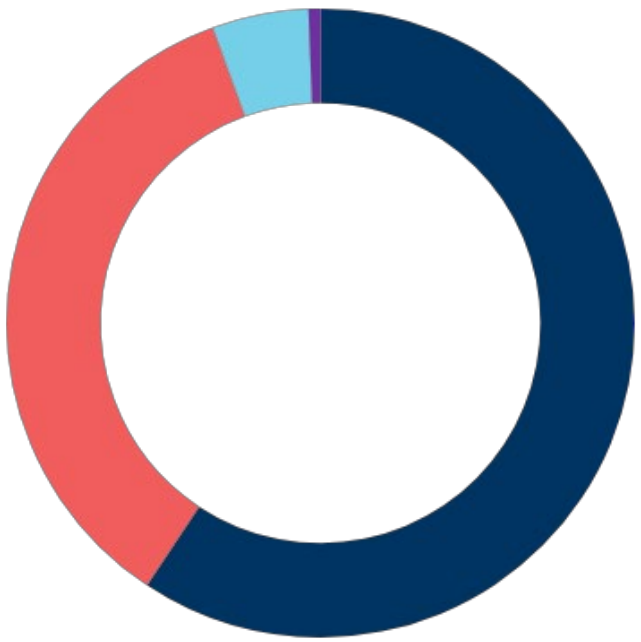
Socio-economics

Socio-economics

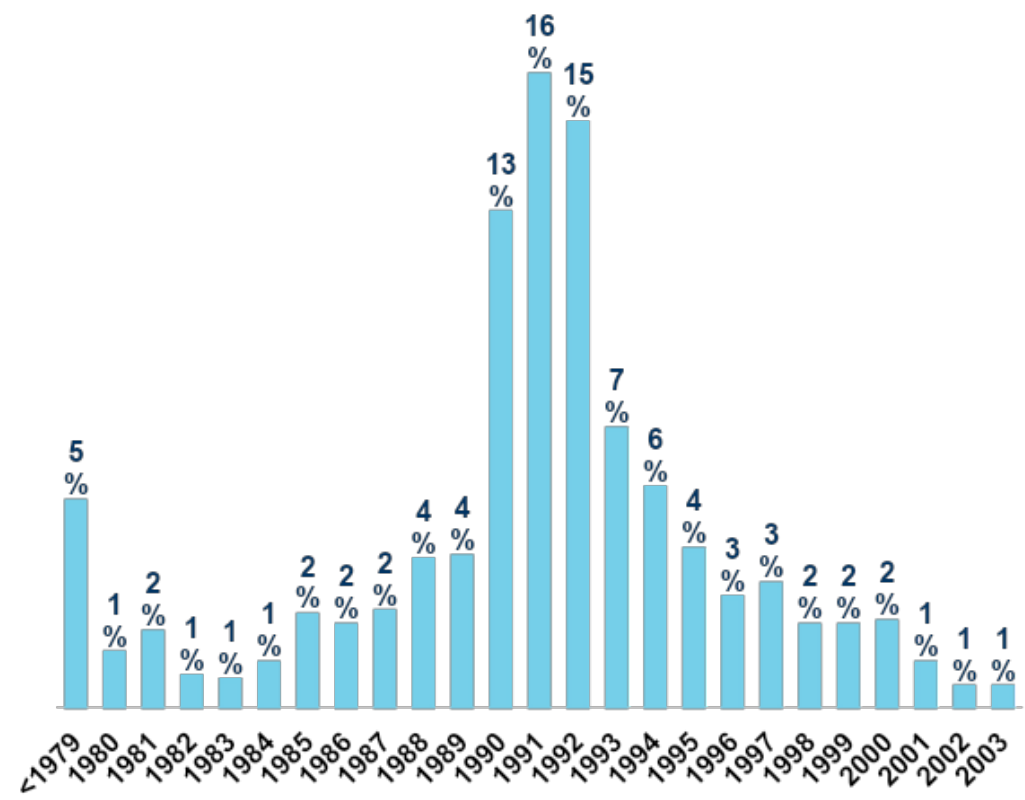
3

Adults currently living
in household

Gender



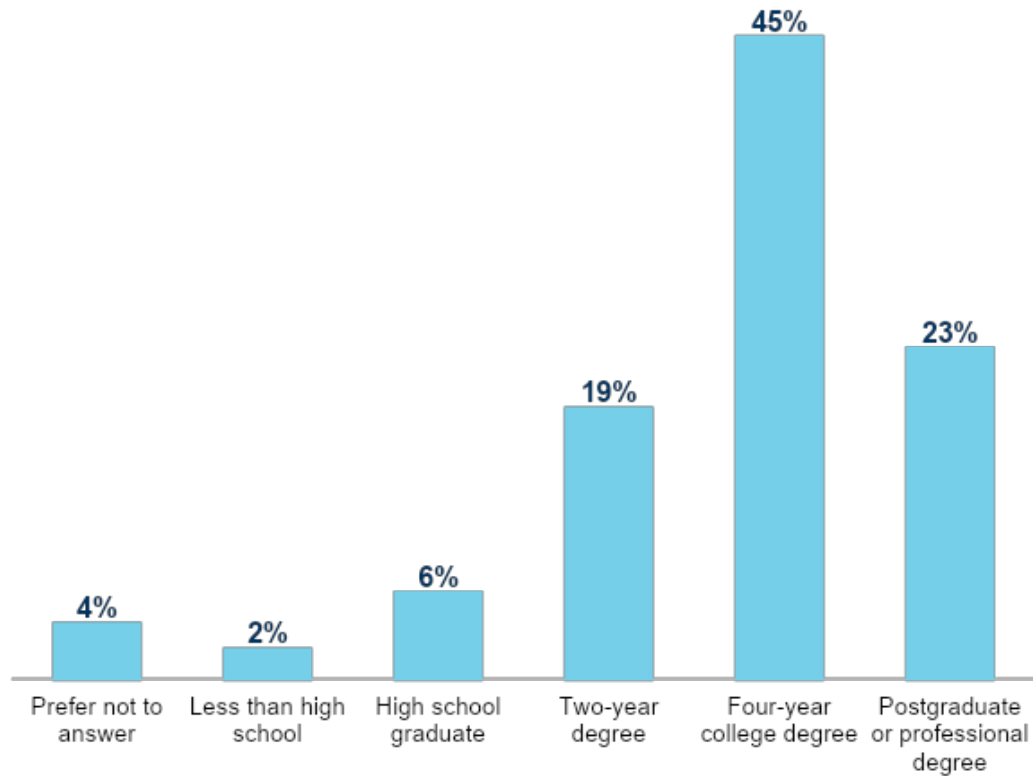
Birth Year



Q11: What is your gender identity? (n = 1,150)
Q12: What year were you born? (n = 1,150)
Q13: How many adults, age 18 and over, currently live in your household, including yourself? (n = 1,150)

Socio-economics

Educational Attainment



Q14: What is the highest level of school you have completed? (n = 1,150)

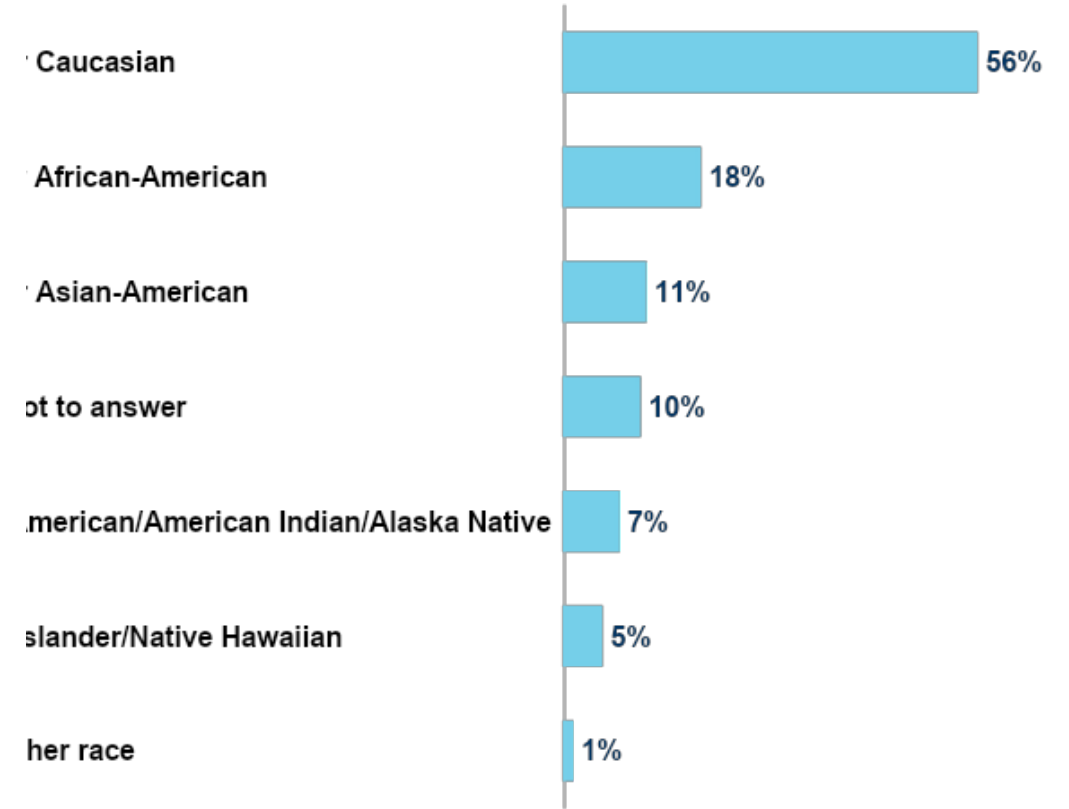
Q15: Are you of Hispanic, Latino, or Spanish origin, such as Mexican, Puerto Rican, or Cuban? (n = 1,150)

Q16: Which of the following best describes your race? (Select all that apply) (n = 1,150)

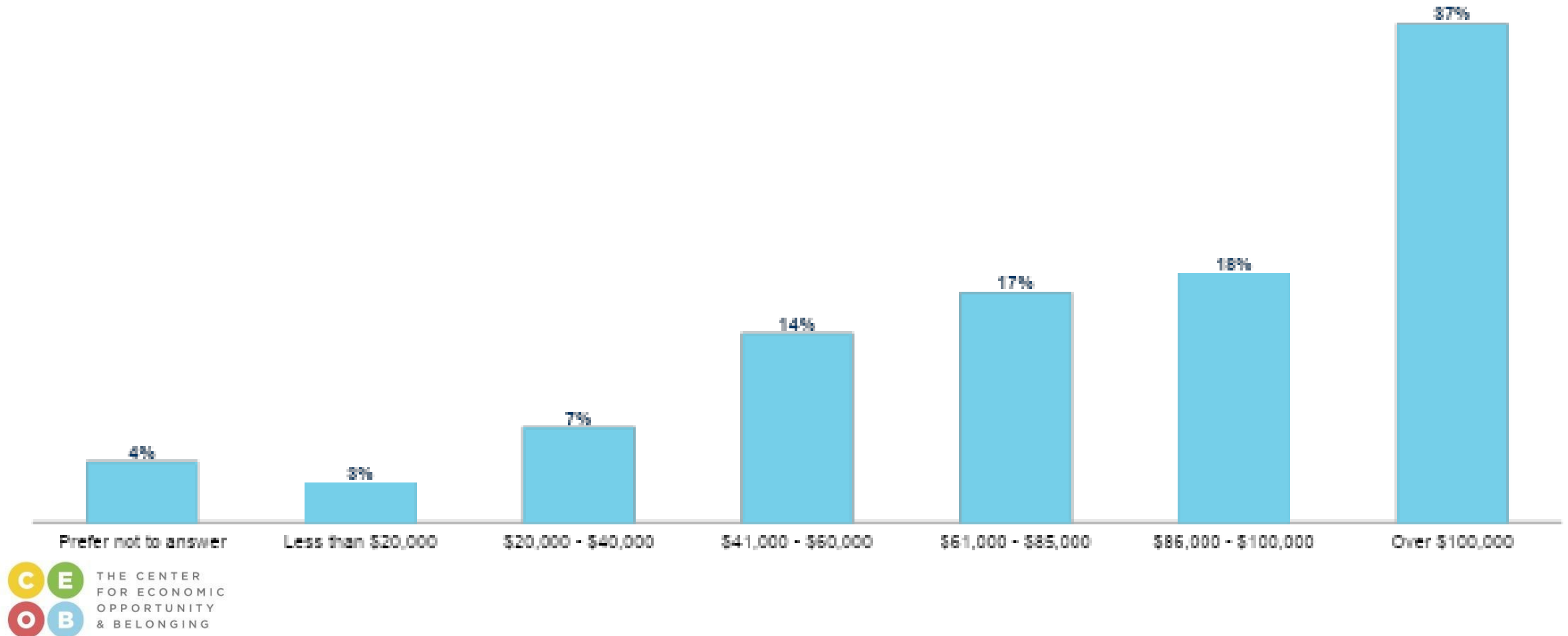
27%

Hispanic, Latino, or of
Spanish origin

Race



Income



Q17: What is your total annual household income, before taxes? (n = 1,150)

Conclusions

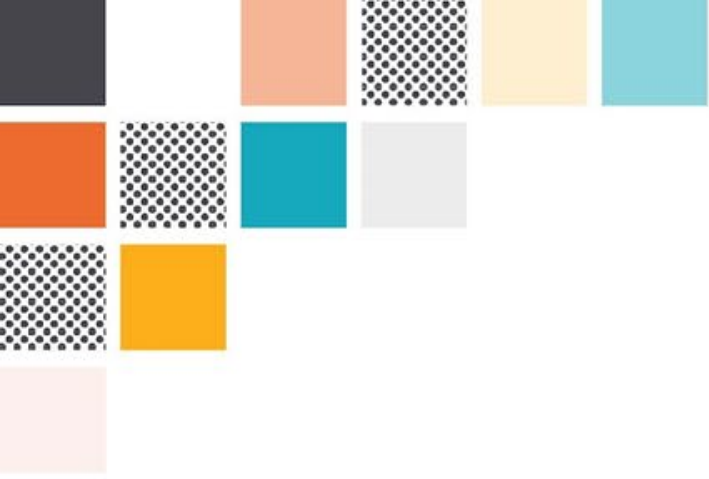
Conclusions

- Most household internet is fiber optic, fixed wireless, or a cellular hotspot.
- 95% of respondents pay for the internet and 30% consider it at least “slightly difficult” to make those payments.
- Roughly 50% of respondents are not confident doing typical tasks on the internet.
- 92% of respondents have enough devices and about half have had some sort of technical issue in the past six months with one of those devices.
- Visiting a computer store, finding help online, and asking friends and family are the primary ways respondents find help with a technical issue.



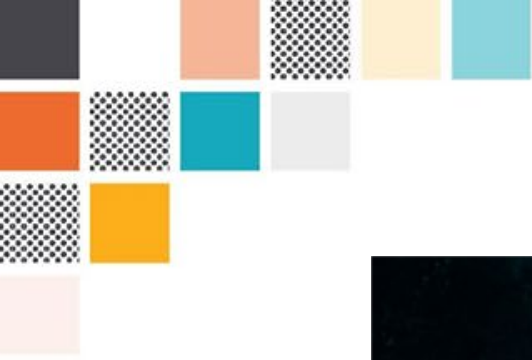
Utah's state
capitol building

Thank You.



CONNECTING
UTAH
ALL UTAH ALL ONLINE





Intelligent Aging

Utah Broadband Confluence

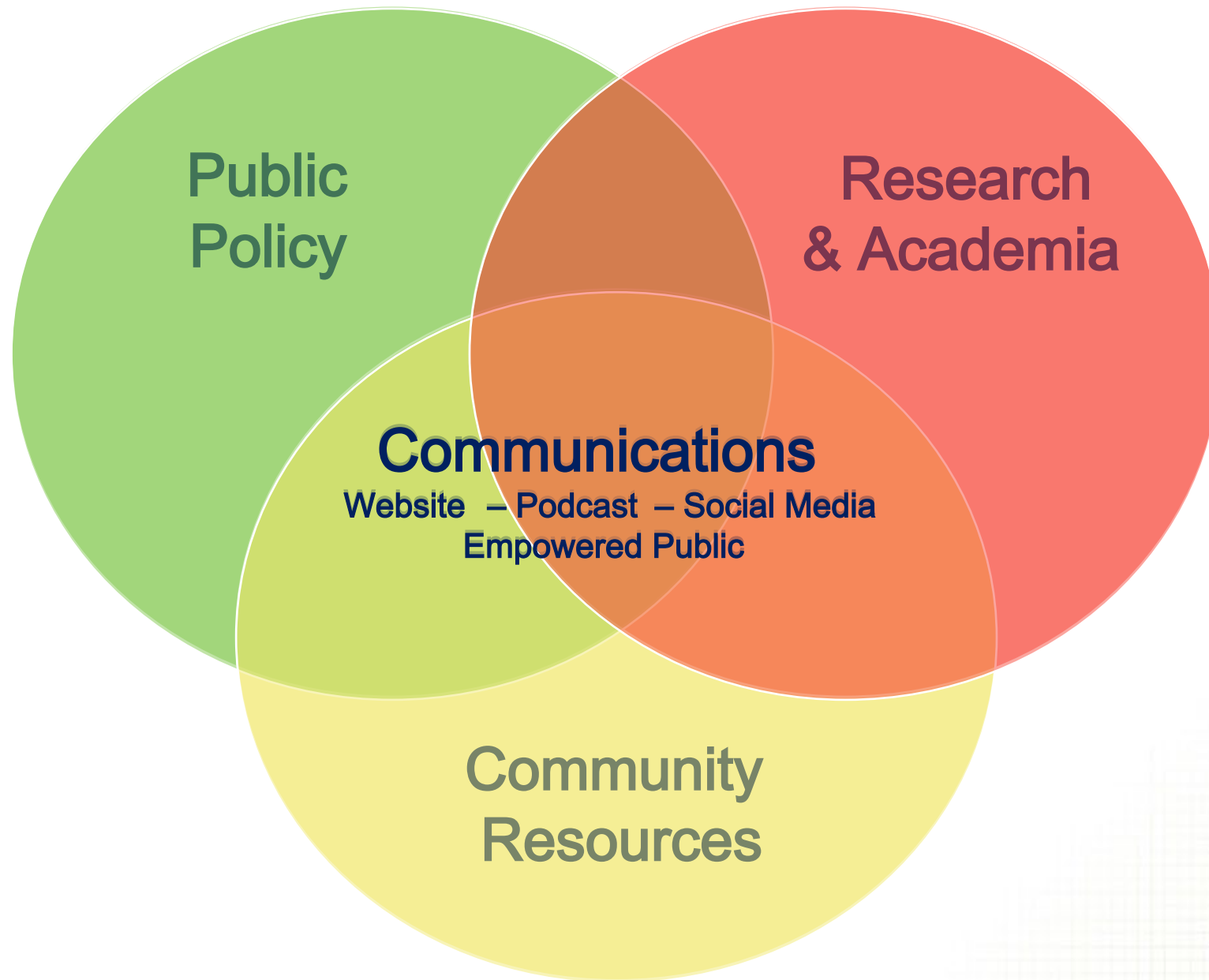
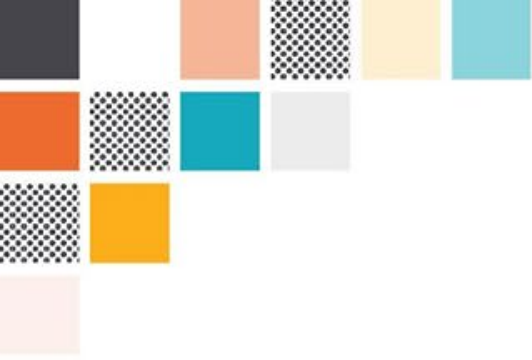
June 07, 2023



Rob Ence, MBA

Executive Director

Utah Commission on Aging





Independence



Social Isolation

Food Insecurity

Abuse & Fraud

Emergency Preparedness

Ageism

Fitness

Falls Prevention

Health & Wellness

Long-Term Care

Caregiving

Mobility & Transportation

Financial Adequacy

Housing /Aging In Place

Mental Acuity

End of



Stages of Ability

Independence

Interdependence


Dependency

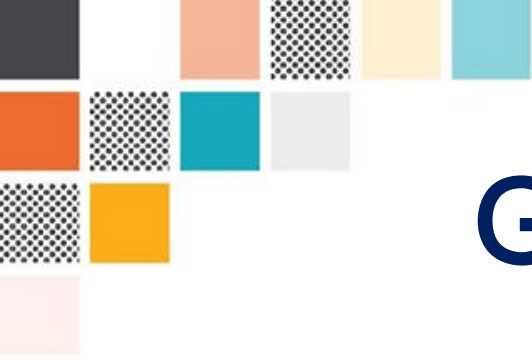
Crisis management

End of life



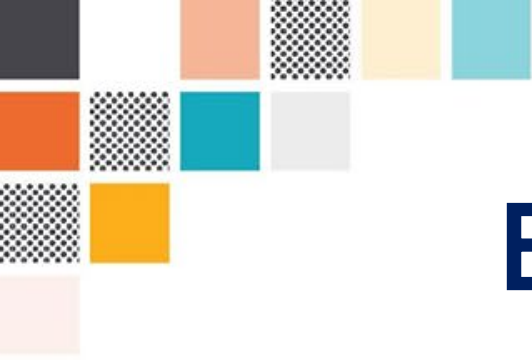
Who Gets to Choose?

- 
- Values
 - Outcomes
 - Costs & timing
 - Relationship impact
 - Systems will act



Gaps and Barriers

- Post Pandemic Paradigm – Change
- Finite Resources
- Affordable Access
- Device Acquisition
- Advocate Mentoring

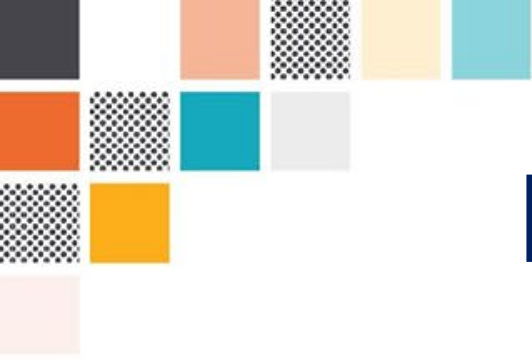


Essential Literacy

- Technology
- Health & Wellness
- Financial
- Legal



UtahAging.org
Utah Commission on Aging



Incremental Progress



In Place

- Virtual Resource Center
- Event Management

Coming

- Call Center Triage
- Digital Navigator Volunteers



UCOA Virtual Ecosystem



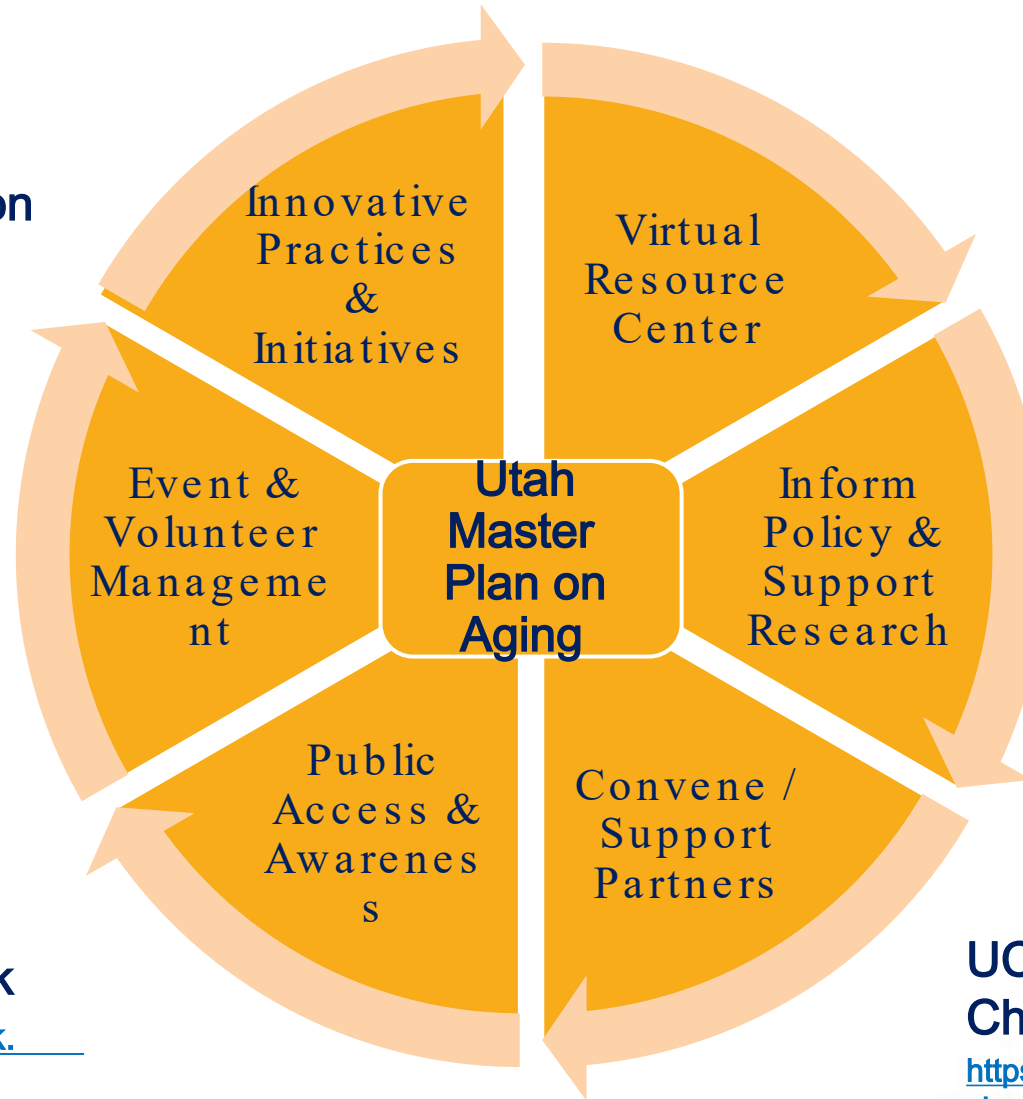
**UCOA Navigation
Hotline**
888-985-6866
(Fall 2023)

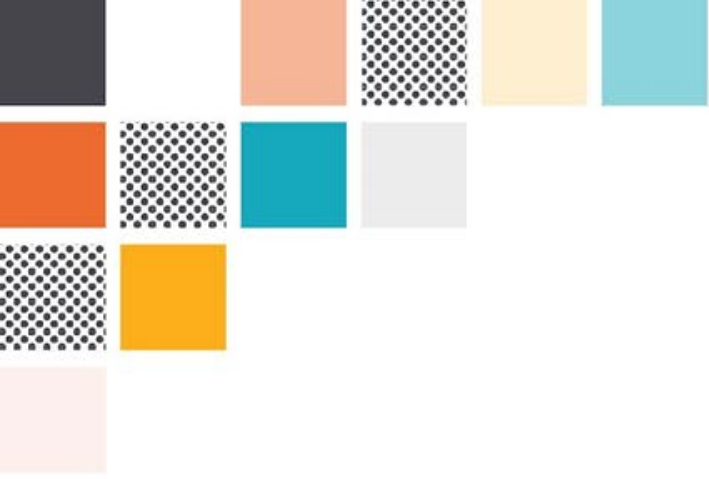
**UCOA Virtual
Resource Center**
www.utahaging.org



UCOA Facebook
<https://www.facebook.com/utahaging/>

**UCOA YouTube
Channel**
<https://www.youtube.com/channel/UCfSJREf73GpswhCGhFeHZCg/videos>





CONNECTING
UTAH
ALL UTAH ALL ONLINE



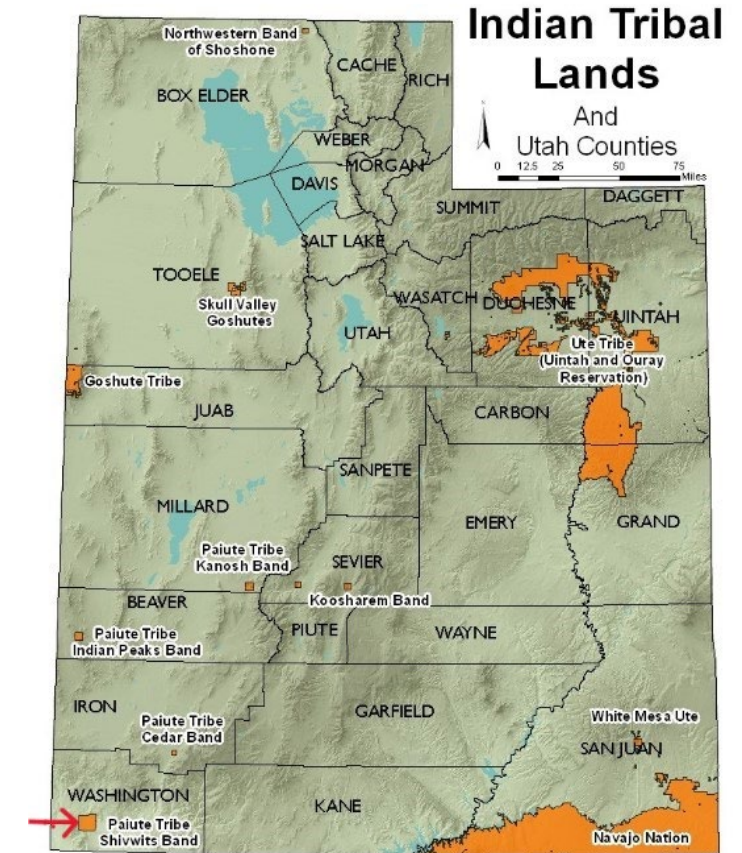


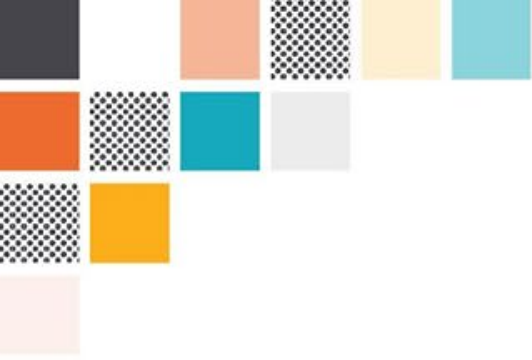
Shivwits Band of Paiutes

Local Digital Access Plan
Development Process

Shiwits Band of Paiutes - Background

- Federally recognized sovereign Indian Tribe consisting of 311 members living on and off the 28,480-acre Shiwits Reservation located in Washington County
- Approximately 27% of Band members living in poverty
- Diverse age distribution (26% age 0-17; 57% age 18-54; 17% age 55+)
- Shiwits Band Corporation (SBC), wholly owned by the Shiwits Band, has five operating entities





Digital and Broadband Needs

- Current internet access via unreliable wireless connection, especially problematic when multiple devices in use
- Band members and SBC enterprises need better, more affordable broadband options
- Band members rely mostly on smartphones for digital access and would benefit from access to other digital devices
- Band members would benefit from digital literacy instructional opportunities

Digital Planning Process (to date)

- Kickoff meeting with Band officials, community collaborators, and Horrocks (consultants) on April 13th
- Survey developed and subsequently sent to Band members on May 1st along with grant informational materials
- Band representatives went door to door on Reservation encouraging members to take survey and speed test
- Visioning meeting between Band officials and Horrocks on May 5th
- Community Collaborator survey developed and sent to community representatives who attended April 13th Kickoff meeting
- Rough draft of digital access plan delivered to Utah Broadband Center on June 1st.

How Challenges were Addressed

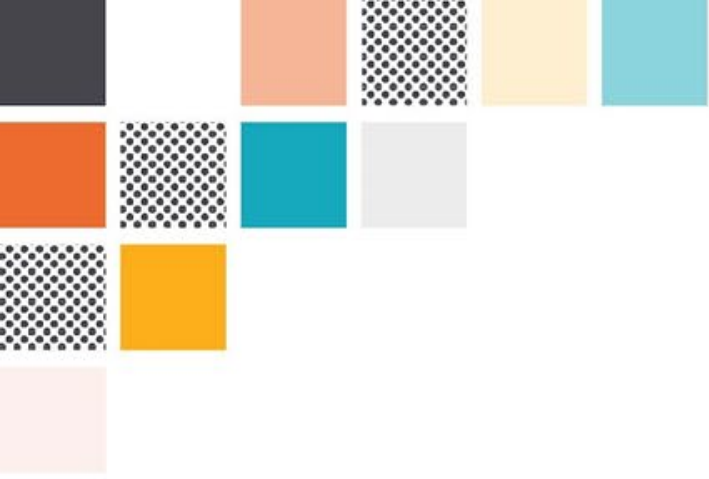
- **Problem :** Encouraging Band member participation in process
Solution: Posted informational flyers in locations frequented by Band members (Band Building, Band gymnasium, and Band convenience store), had Band representatives go door to door on Reservation encouraging participation, and emailed survey and information to Band members for whom email address information was available.
- **Problem:** Educating Band members regarding need for digital literacy
Solution: This is ongoing. The Band is working toward developing a computer classroom in Band Building to use for digital access and instruction.

Planning Process Successes

- Heightened awareness among Band members regarding importance of digital connectivity
- Firmed up connections with community partners (Washington County, Washington County School District, Washington County Library System, and Utah Tech University) that will prove beneficial to Band's digital equity efforts

Next Steps

- Continue gathering survey/speed test data to inform plan updates/revisions
- Foster ongoing relationships with community collaborators
- Devote portion of Shivwits.org website to digital literacy education and resources
- Mount campaign to promote Affordable Connectivity Plan (ACP)
- Pursue additional funding opportunities to further Band's digital equity efforts



CONNECTING
UTAH
ALL UTAH ALL ONLINE



Davis School District + *Partners*



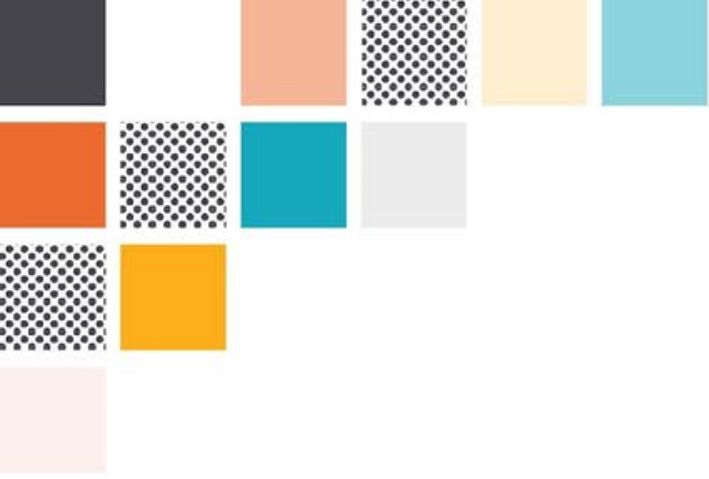
Canyon
Heights
Adult
Learning
Center



Biggest Problem in Davis County - Accessibility

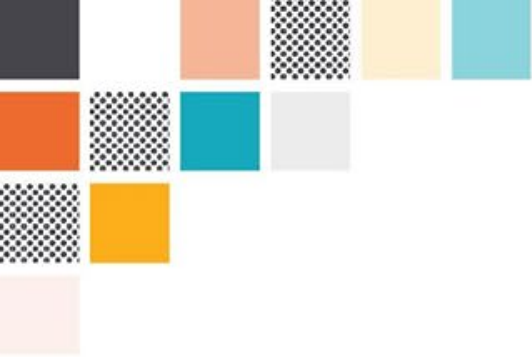
- Affordable high-speed internet connection.
- High-speed capable computing device(s) in every home.
- Support/help in finding affordable plans and devices.
- Digital skill development and digital fluency.
- Internet safety and awareness.

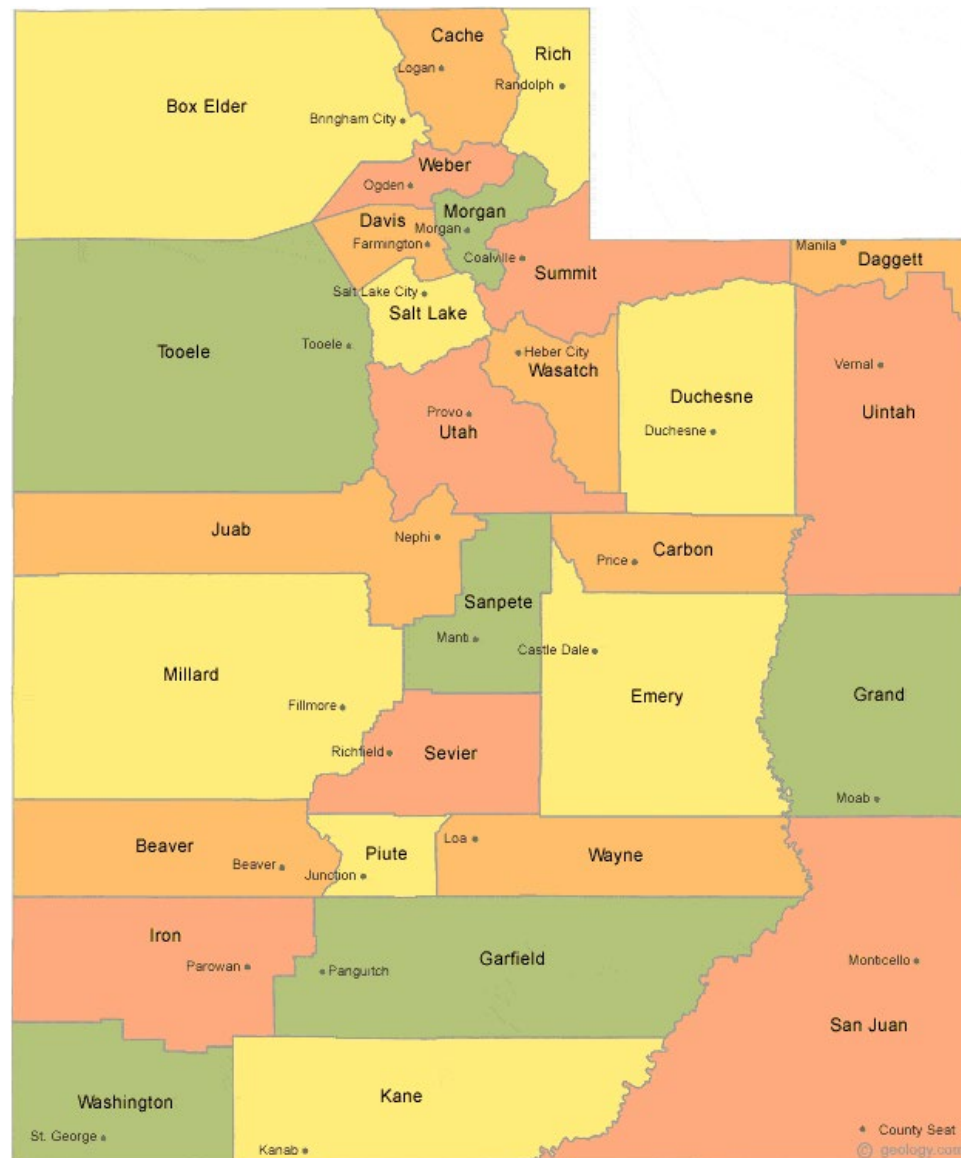
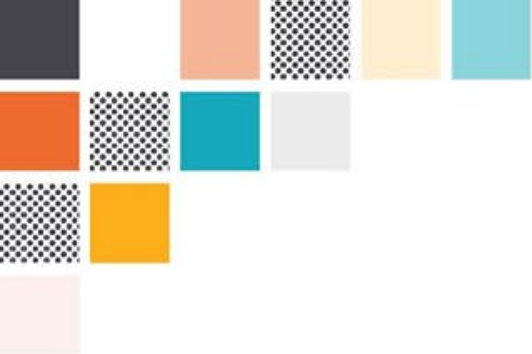
WE'RE BETTER WHEN WE WORK TOGETHER!!!

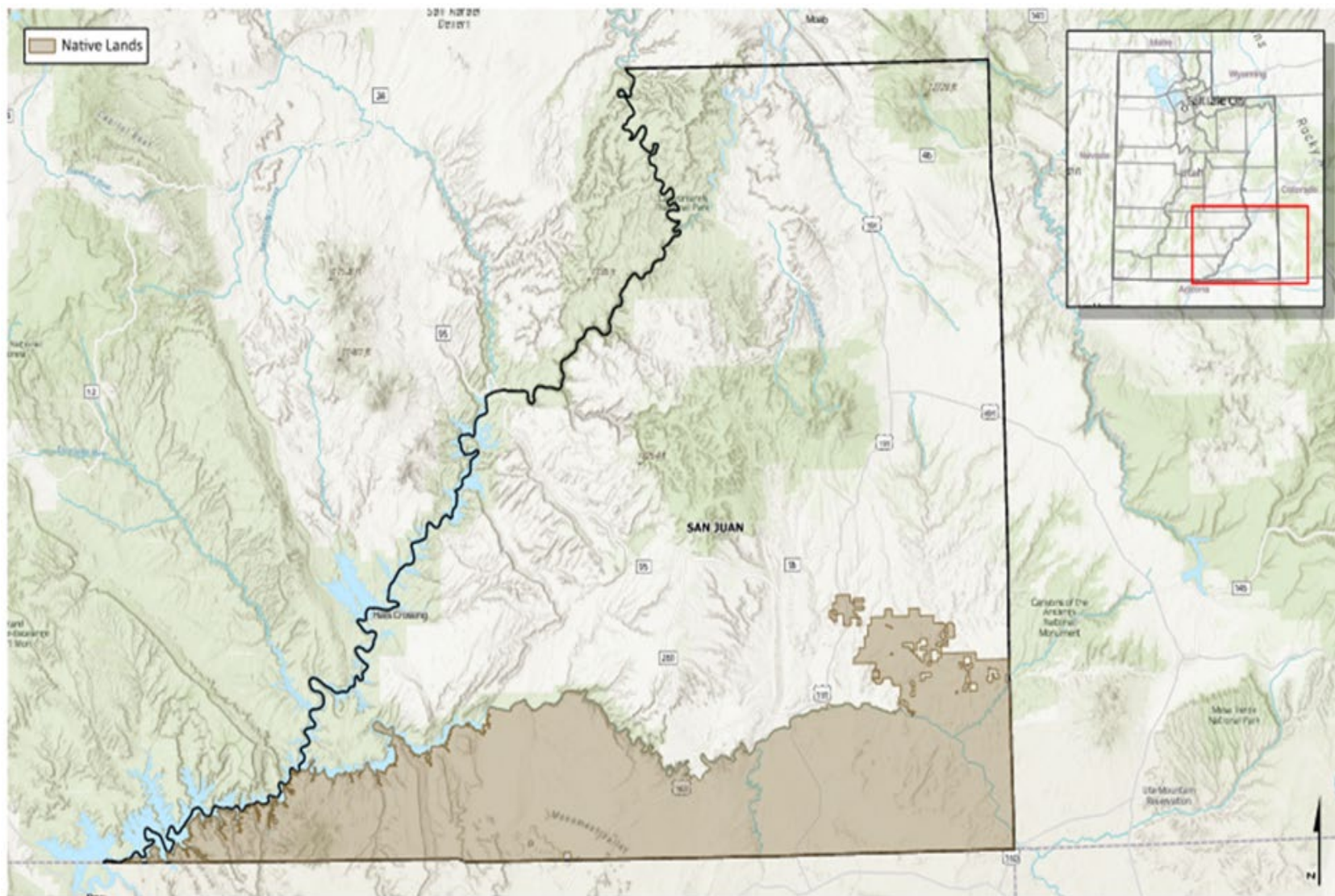


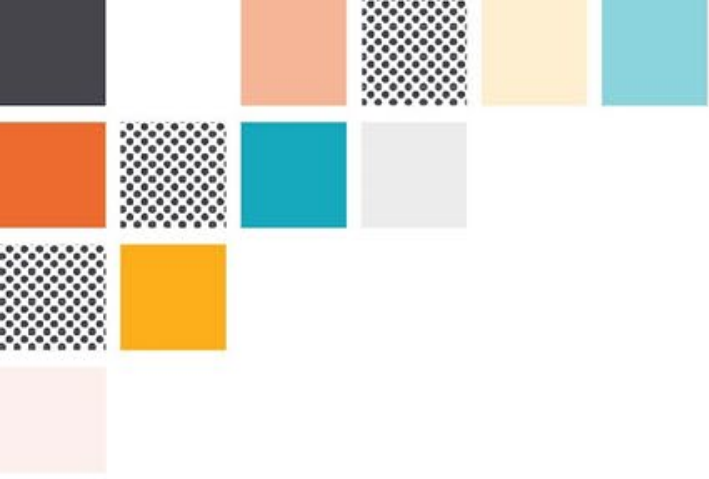
CONNECTING
UTAH
ALL UTAH ALL ONLINE











CONNECTING
UTAH
ALL UTAH ALL ONLINE





Northern Utah

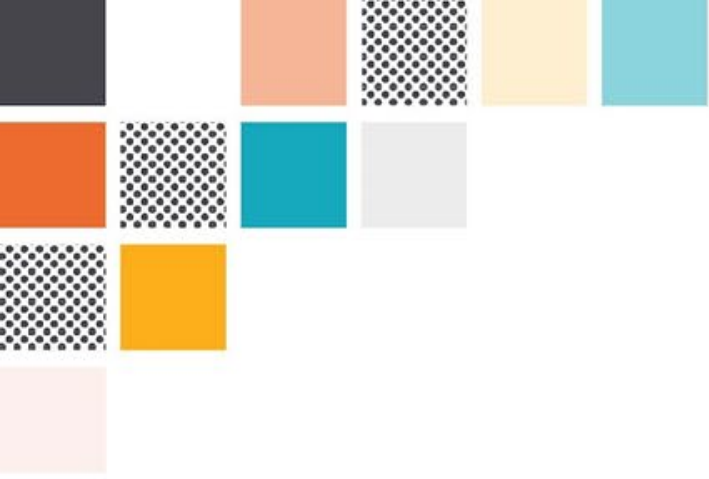
- Box Elder, Cache, Rich Counties
 - Approximately 200,000 people
- Underserved populations
 - Remote Rural
 - Low Income
 - Limited English Proficiency

Bear River Regional Broadband Access Plan

- Plan – gap analysis, preliminary investment estimates
- Challenges
 - Separating fact from fiction
 - Building political will
 - Timing
- Successes
 - Closing the information gap
 - New partnerships

Bear River Regional Broadband Access Plan

- Next steps
 - Identify appropriate funding sources for public investment
 - Prioritize public investment
 - Grow provider involvement
- Recommendations
 - Incentivize “Dig-Once” policies for small jurisdictions
 - Notifications are helpful
 - Conduit costs money



CONNECTING
UTAH
ALL UTAH ALL ONLINE





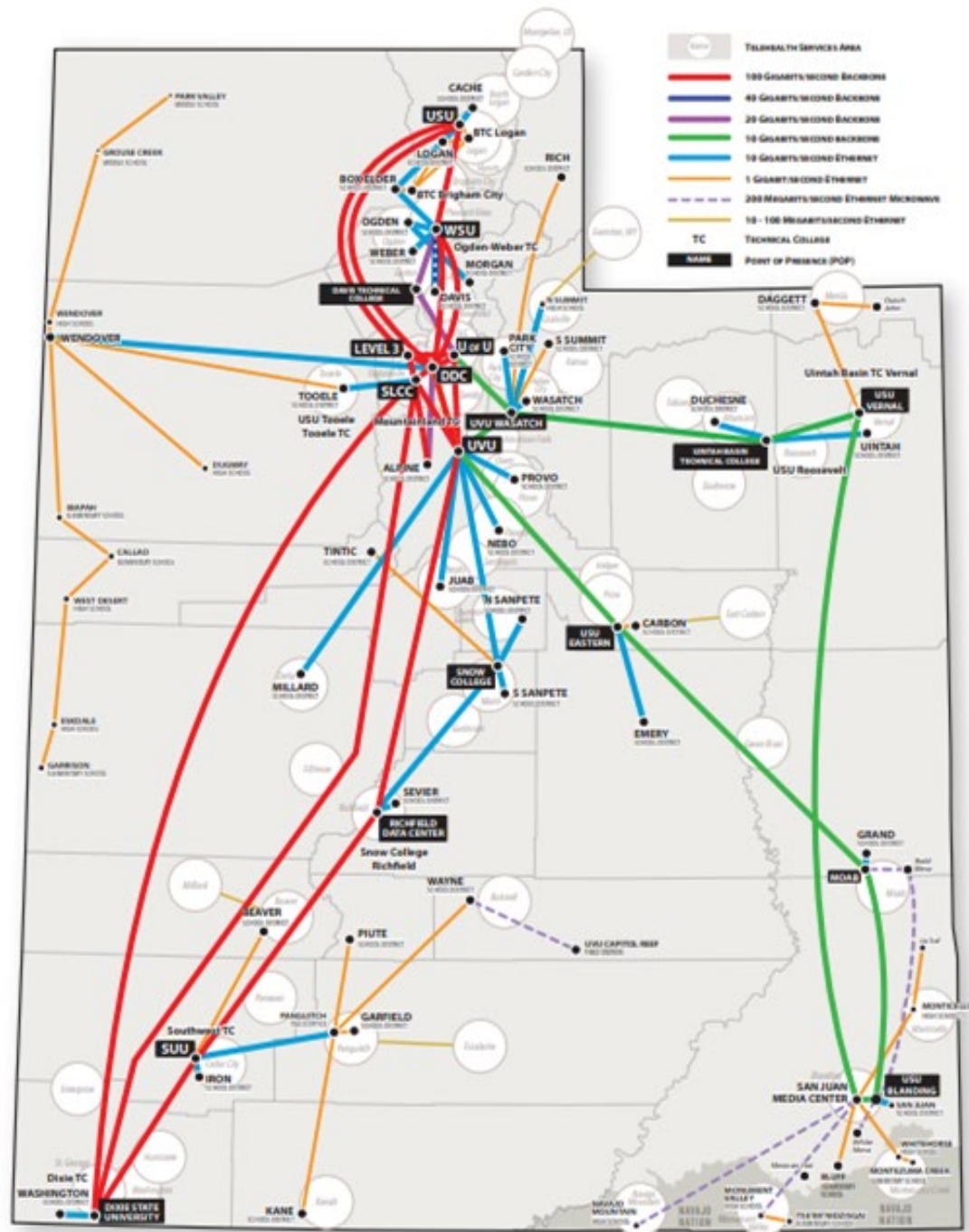
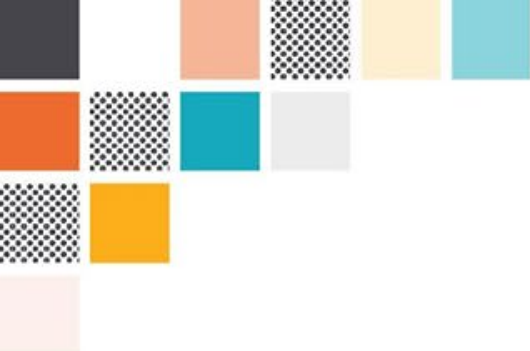
Utah Education & TeleHealth Network

John L. Leal

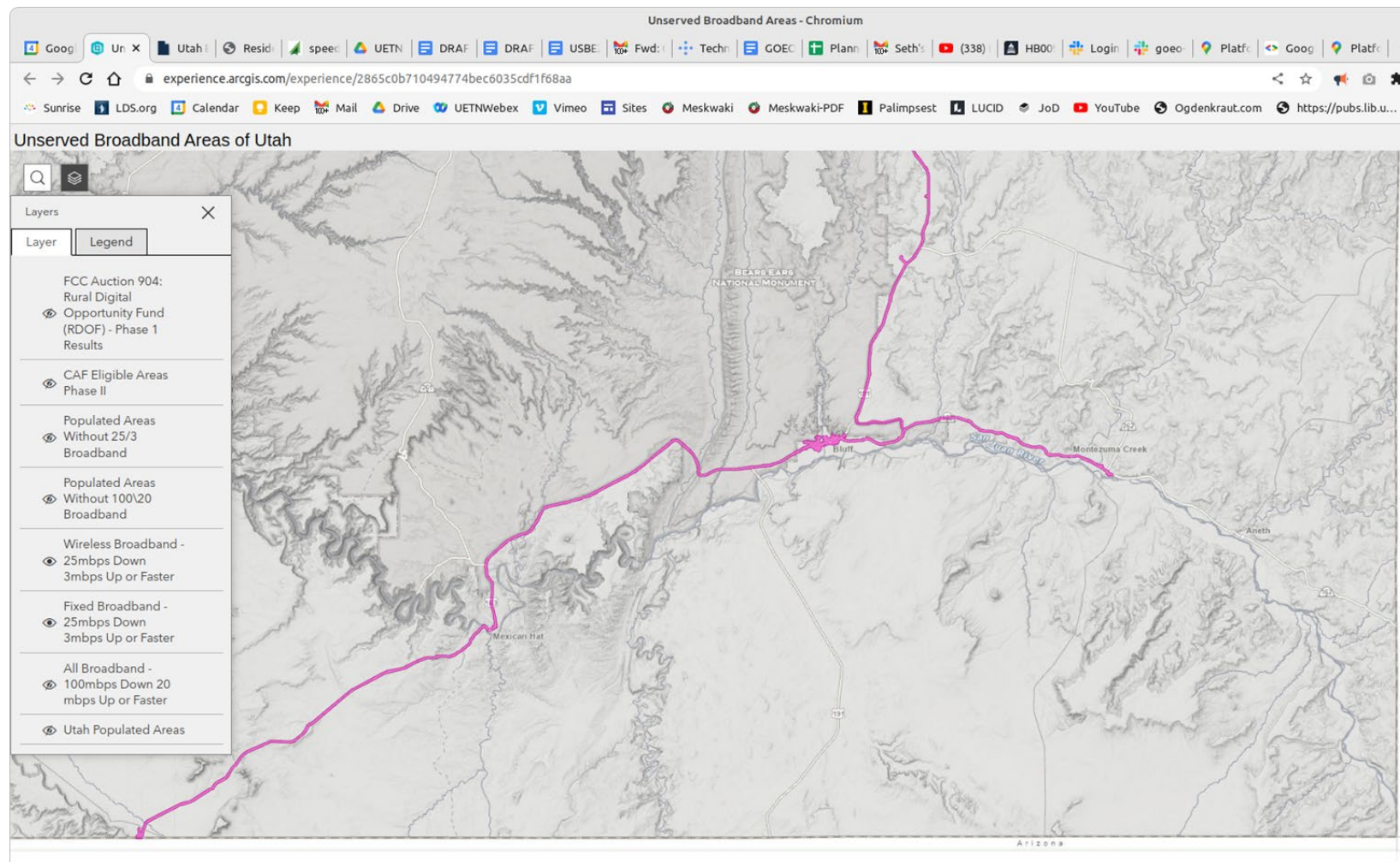


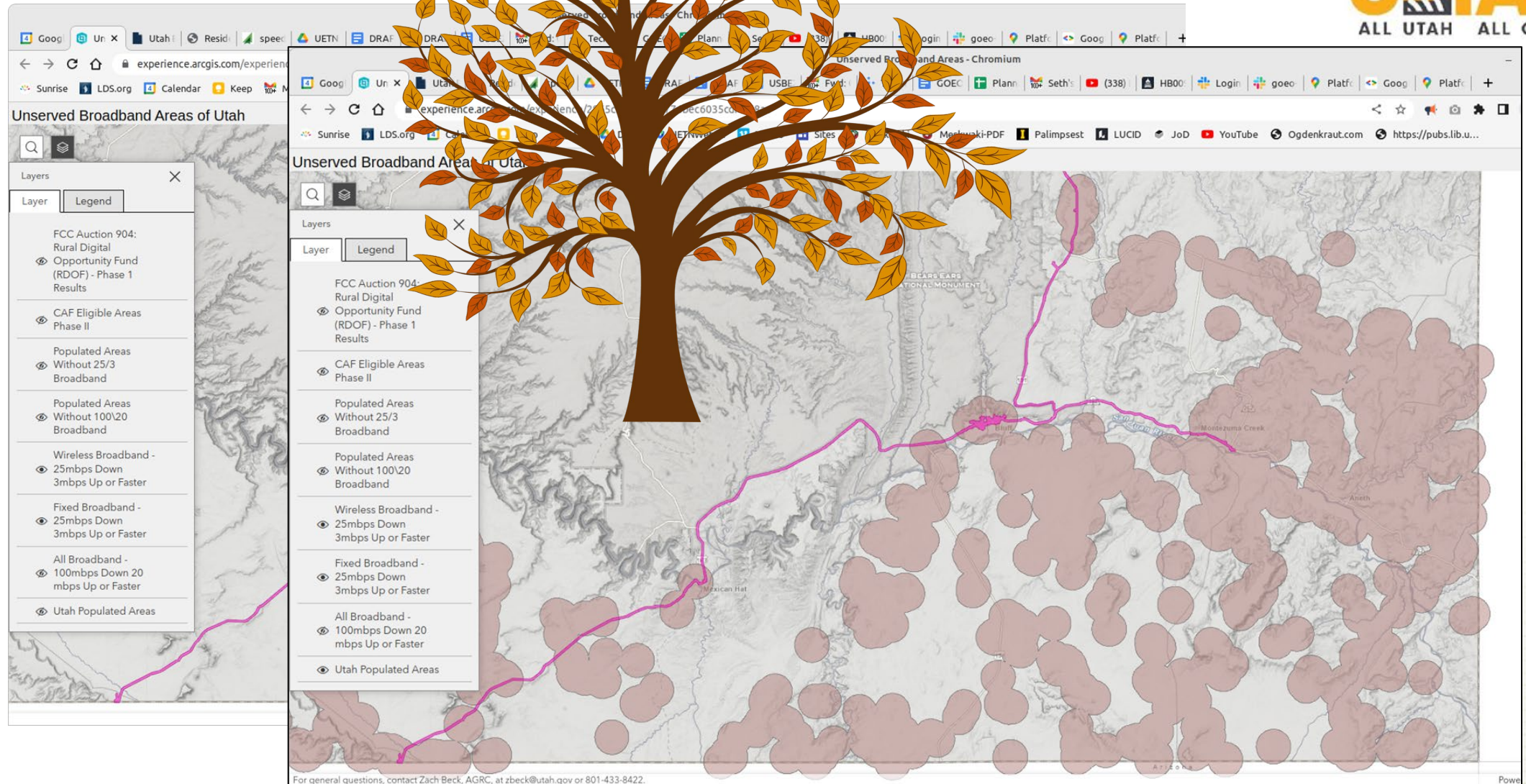
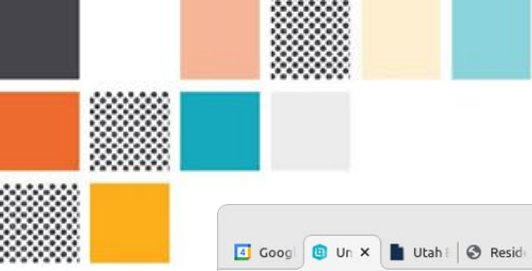
John Laing Leal (May 5, 1858 – March 13, 1914) was an American physician. a health officer for the nearby City of Patterson, and sanitary advisor to the Jersey City Water Supply **Company**. He had witnessed and experienced personal loss from waterborne disease.

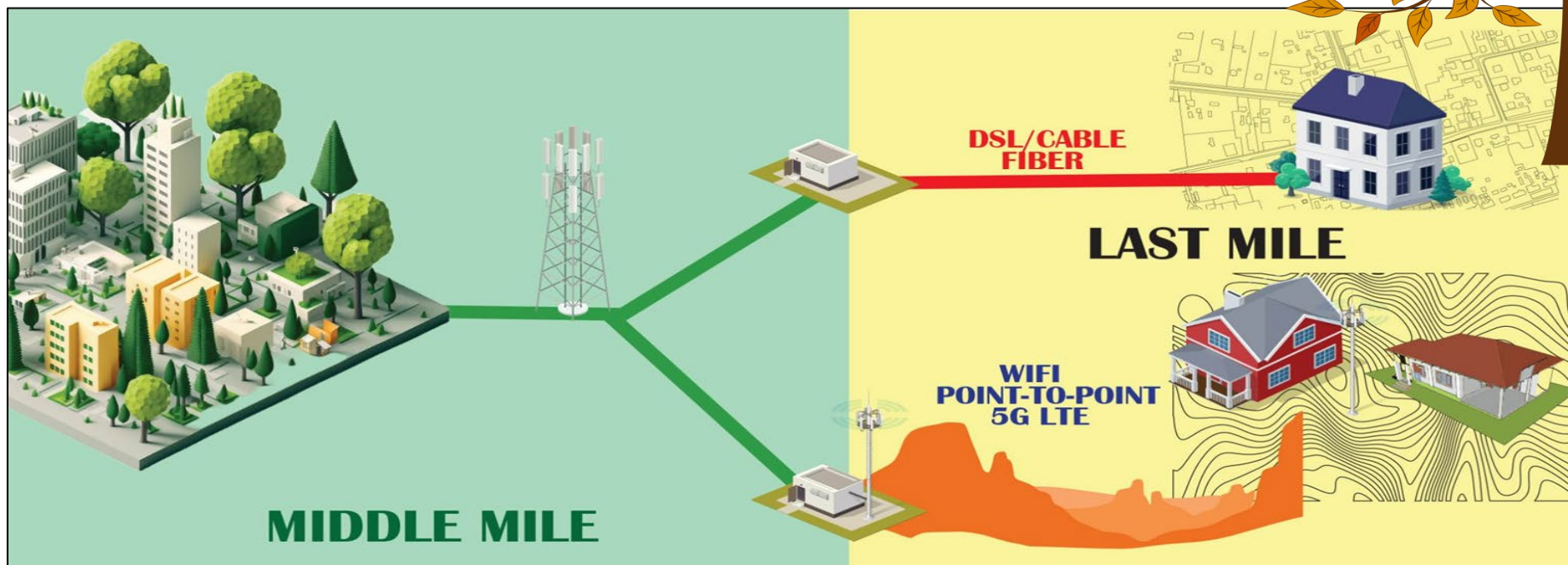
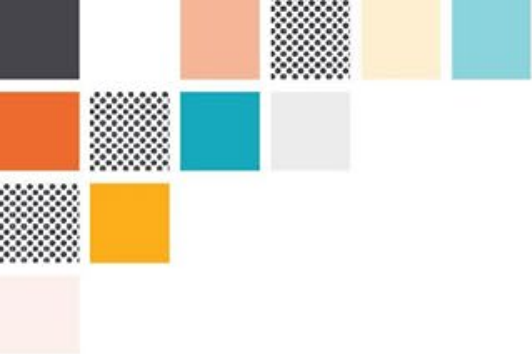
In **1908**, the first disinfection system for drinking water in the U.S. was installed on the water supply for the city by John L. Leal. **He was one of the principal expert witnesses at two trials** which examined the quality of the water supply in Jersey City, New Jersey, and which evaluated the safety of chlorine in "pure and wholesome" drinking water...

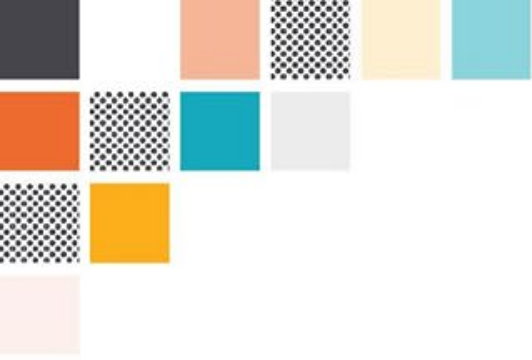


CONNECTING
UTAH
ALL UTAH ALL ONLINE









“SchoolINET”

...not “internet”



“By Student, by Standard”



“By Address ”



Alpine City

Beaver County

Bear River Association of Governments

Box Elder, Cache, and Rich Counties

Davis School District

Five County Association of Governments

Beaver, Garfield, Kane, Iron and Washington

Morgan County

Ogden City

San Juan County

Six County Association of Governments

Juab, Millard, Piute, Sanpete, Sevier, Wayne

Southeastern Utah Association of Local Governments

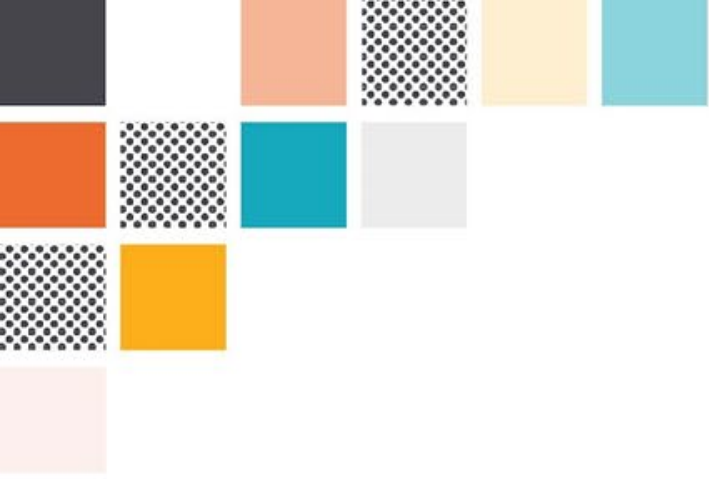
Summit County

Town of Brighton

Utah Department of Transportation

Utah Education Network

Wallsburg Town



CONNECTING
UTAH
ALL UTAH ALL ONLINE

