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New Hampshire State Health Assessment and State Health Improvement Plan Advisory Council

September 25, 2020

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Meeting Hygiene

- Be present
- Assume good intentions and take responsibility for impact (ouch and oops)
- Be able to express as much vulnerability as you are able to offer — It's ok to be raggedy
- Be open to another perspective
- Be ready to actively listen
- Expect and accept non-closure — we are a work in progress
- Honor Confidentiality
- Step Up/Step Back (3-4 voices before me)

Endowment for Health" Race & Equity in New Hampshire: Building Foundations for the Future." http://www.endowmentforhealth.org/what-we-fund/advancing-health-equity-for-racial-ethnic-and-language-minorities/symposium-on-race-and-equity-in-nh

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SHA Vision and Clarifying Statements

All people in NH have equitable opportunity to flourish and achieve optimal mental, physical, social, spiritual, and emotional wellness.

- Equity is shaped at state and local levels such that individuals and communities have equitable access to opportunities
- Wellness happens where people live, learn, work, and play
- People include individuals and families across the lifespan

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Agenda

1. Welcome and *Virtual* Hellos
2. Right to Know Presentation
3. HB1639 Discussion - Senator Tom Sherman
4. SHA Data Collection Discussion – Jo Porter
5. Public Comment

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Right to Know Presentation

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HB1639 Discussion

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SHA Data Collection Discussion

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Data Collection Plan

- Quantitative
  - Data collection catalog from existing data sources (Census, Pew, etc.)
- Quantitative and Qualitative Data Collection Efforts – COVID changed the plan!
  - General Population Survey – Granite State Panel, UNH Survey Center collaboration
  - Targeted Population Survey – Partnering with community organizations to gather information from vulnerable populations

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SHA Data Collection Domains and Subcategories

- Demographics
- Domain 1: Access to Opportunity
  - Subcategory: Education
  - Subcategory: Fiscal Health
  - Subcategory: Housing
- Domain 2: Community
  - Subcategory: Community Assets and Resources
  - Subcategory: Commuting Patterns
  - Subcategory: Crime
  - Subcategory: Environmental Health
  - Subcategory: Infrastructure
- Domain 3: Health Status and Outcomes
  - Subcategory: Access and Utilization
  - Subcategory: Birth Outcomes
  - Subcategory: Cost of Care
  - Subcategory: Health Outcomes
  - Subcategory: Healthy Living
  - Subcategory: Vaccination Rates
- Domain 4: Social Connectedness
  - Subcategory: Age Friendly Community
  - Subcategory: Civic Engagement
  - Subcategory: Spirituality

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What we know so far…

- A lot of data are already reported: Census, Pulse Survey, WISDOM
- COVID impact to trends
- Starting to summarize the story for the domains
- For example…

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Demographics

- Who we are – one story overall, with variation geographically
  - Age: Overall, older population
    - Median age is 42.7, 10% higher than the US age of 37.9 (Census, ACS 2014-2018, https://www.census.gov/acs/www/data/data-tables-and-tools/data-profiles)
  - Race: Predominately white
    - Population is 93.1% white (Census, Quickfacts, ASC 2014-2018, https://www.census.gov/quickfacts/fact/table/NH,US/PST045219)
  - Household make-up: Intergenerational living
    - 32.3% of grandparents who are living with their grandchildren (23,092) were responsible for raising their grandchildren in NH (Census, ASC 2014-2018 https://www.census.gov/acs/www/data/data-tables-and-tools/data-profiles)
- Our strengths: Population is slowly changing (new or incoming residents)
- Our challenges: Is the structure as a state changing as the population changes?

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Population distribution by age (Census, Quickfacts, ASC, PEP 2014-2018)

	Population Rank (by County)	Population estimates, July 1, 2019	% persons under 5 years, percent	% persons under 18 years	% persons 65 years and over
Belknap County	7	61,303	4.30%	18.30%	22.80%
Carroll County	8	48,910	3.60%	15.30%	29.00%
Cheshire County	6	76,085	4.50%	17.80%	20.70%
Coos County	10	31,563	4.00%	16.10%	24.20%
Grafton County	5	89,886	4.00%	16.00%	21.30%
Hillsborough County	1	417,025	5.20%	20.20%	16.20%
Merrimack County	3	151,391	4.70%	18.90%	18.70%
Rockingham County	2	309,769	4.60%	19.10%	18.60%
Strafford County	4	130,633	4.50%	18.20%	15.40%
Sullivan County	9	43,146	4.70%	18.60%	22.10%
Nashua city		89,355	5.00%	19.40%	15.10%
Manchester city		112,673	5.90%	20.00%	13.10%

https://www.census.gov/quickfacts/fact/table/NH,US/PST045219 09/25/2

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Race (Census, Quickfacts, ASC, PEP 2014-2018)

	White alone	Black or African American alone	American Indian and Alaska Native alone	Asian alone	Native Hawaiian and Other Pacific Islander alone	Two or More Races
New Hampshire	93.1%	1.8%	0.3%	3.0%	Z	1.8%
Belknap County	96.30%	0.70%	0.30%	1.20%	Z	1.50%
Carroll County	96.90%	0.70%	0.40%	0.80%	Z	1.30%
Cheshire County	95.40%	0.90%	0.30%	1.70%	Z	1.60%
Coos County	96.40%	0.90%	0.50%	0.60%	Z	1.50%
Grafton County	92.50%	1.30%	0.40%	3.90%	Z	1.90%
Hillsborough County	89.90%	3.20%	0.30%	4.50%	0.10%	2.10%
Merrimack County	94.00%	1.80%	0.30%	2.20%	Z	1.70%
Rockingham County	94.90%	1.10%	0.20%	2.20%	Z	1.50%
Strafford County	92.50%	1.40%	0.30%	3.70%	0.10%	2.00%
Sullivan County	96.00%	0.80%	0.40%	1.00%	Z	1.70%
Nashua city	82.50%	4.20%	0.10%	8.00%	0.00%	3.50%
Manchester city	84.80%	5.80%	0.20%	5.30%	0.00%	3.00%

https://www.census.gov/quickfacts/fact/table/NH,US/PST045219

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Ethnicity (Census, ASC 2014-2018)

	Hispanic or Latino	White alone, not Hispanic or Latino
New Hampshire	4.0%	89.8%
Belknap County	1.80%	94.80%
Carroll County	1.60%	95.60%
Cheshire County	2.00%	93.80%
Coos County	1.90%	94.80%
Grafton County	2.50%	90.40%
Hillsborough County	7.30%	83.80%
Merrimack County	2.30%	92.10%
Rockingham County	3.30%	92.20%
Strafford County	2.80%	90.20%
Sullivan County	1.70%	94.60%
Nashua city	12.90%	73.40%
Manchester city	9.90%	77.20%

https://www.census.gov/acs/www/data/data-tables-and-tools/data-profiles

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Domain 1: Access to Opportunity

- Who we are:
  - Education: Well educated, but with some pockets of variance
    - Coos County has the highest percentage of residents reporting not graduating high school with a diploma at 11.4% compared to Rockingham County with the lowest level reporting this at 5.2% (Census, ASC 2014-2018, https://www.census.gov/acs/www/data/data-tables-and-tools/data-profiles)
    - NH Asian population report the highest levels of education (52.1% (F) 64.0%(M) have a bachelors degree or higher), Compared to NH Black population (23.3% (F), 28.9% (M)) and Hispanic population (27.7% (F) , 20.8%(M)) (Census, ASC 2014-2018, https://www.census.gov/acs/www/data/data-tables-and-tools/data-profiles)
  - Employment: Historically, unemployment has been low
    - NH Unemployment rate 4% vs 5.9% for US (Census, ASC, 2014-2018, https://www.census.gov/acs/www/data/data-tables-and-tools/data-profiles)
  - Income: Overall, income is high and poverty rate is low, but variation is important
    - Median Household Income (in 2018 dollars) for NH $74,057 , compared to US $60,293 (Census, Quickfacts ASC, 2014-2018, https://www.census.gov/quickfacts/fact/table/NH,US/PST045219)
    - Within NH big variation- Rockingham County Median Household Income is equal to $90,429 compared to Coos County $45,696 (Census ,Quickfacts, ASC, 2014-2018, https://www.census.gov/quickfacts/fact/table/NH,US/PST045219)
    - Persons in poverty, NH 7.3% compared to US 10.5% (Census, CPS, ASEC, ASC, 2014-2018, https://www.census.gov/acs/www/data/data-tables-and-tools/data-profiles)
      - Rockingham county 5.3% , Coos County 13.10% and Manchester City 14.8%
- Our strengths: Low unemployment rate, but the long-term COVID impact is unclear
- Our challenges: Broadband access is unequal across the state

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Income and Poverty (Census, Quickfacts, ASC 2014-

	Median household income (in 2018 dollars), 2014-2018	Per capita income in past 12 months (in 2018 dollars), 2014-2018	Persons in poverty, percent
Belknap County	$68,368	$35,382	6.90%
Carroll County	$61,116	$36,033	9.00%
Cheshire County	$63,057	$34,136	10.20%
Coos County	$45,696	$26,535	13.10%
Grafton County	$63,153	$36,619	9.00%
Hillsborough County	$78,655	$39,478	7.40%
Merrimack County	$72,478	$36,148	7.00%
Rockingham County	$90,429	$45,242	5.30%
Strafford County	$70,650	$34,161	9.70%
Sullivan County	$60,780	$31,668	11.20%
Nashua city	$73,022	$38,435	9.90%
Manchester city	$58,227	$30,351	14.80%

https://www.census.gov/quickfacts/fact/table/NH,US/PST045219

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COVID Impact – Financial

- Unemployment rates

Seasonally Adjusted Unemployment Rate (%)	Mar 2020	Apr 2020	May 2020	June 2020	July 2020	Aug 2020
US Unemployment Rate	4.4	14.7	13.3	11.1	10.2	8.4
NH Unemployment Rate	2.4	17.1	15.4	9.2	8.0	6.5

(US Bureau of Labor and Statistics-data extracted 09/18/2020 https://www.bls.gov/eag/eag.nh.htm)

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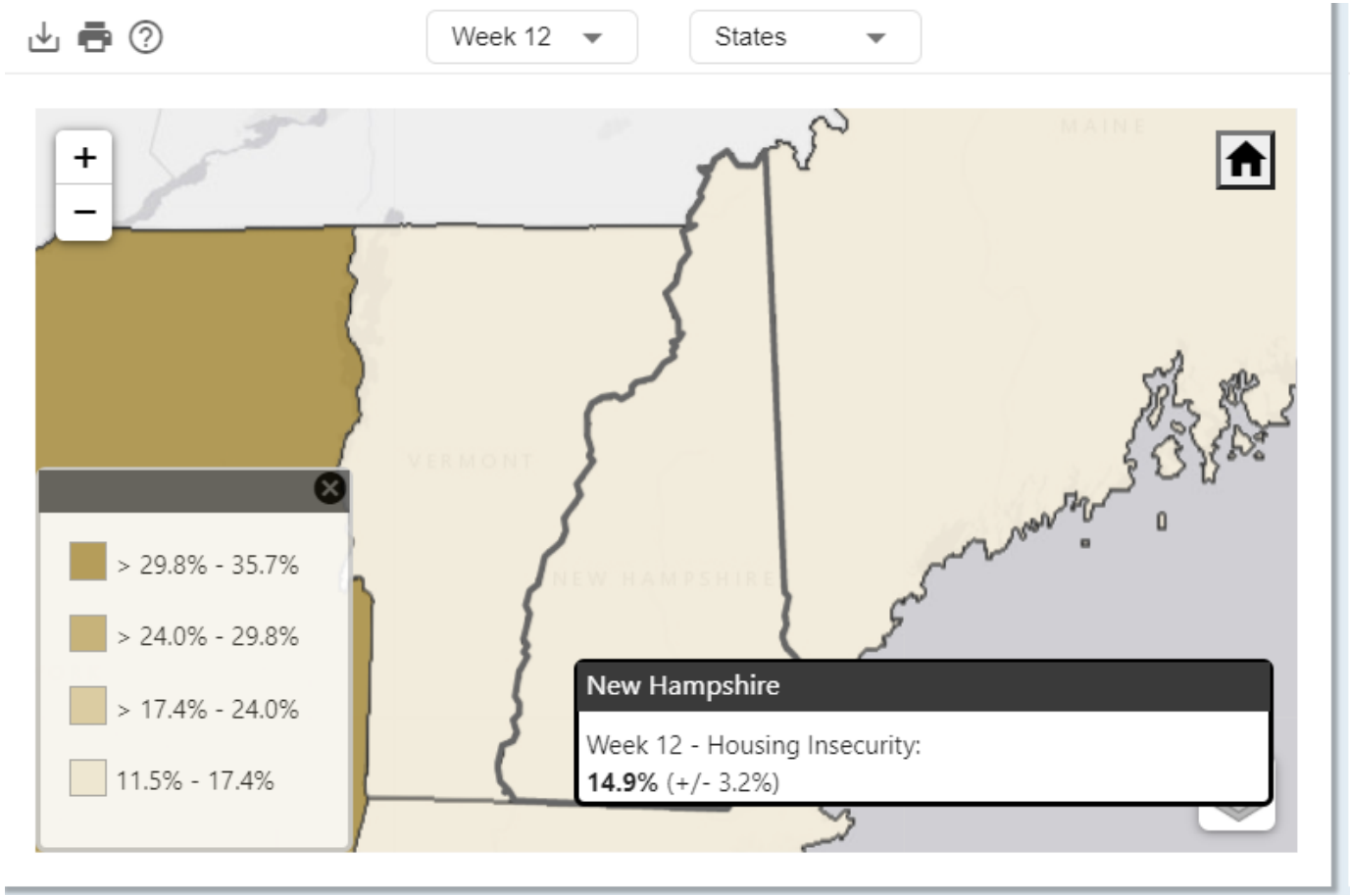
COVID Impact: Housing Insecurity



Percentage of adults who missed last month's rent or mortgage payment, or who have slight or no confidence that their household can pay next month's rent or mortgage on time. (https://www.census.gov/data-tools/demo/hhp/#/?measures=HIR)

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Computer and Broadband Access (Census, ASC 2014-2018)

	Households with a computer, 2014-2018	Households with a broadband Internet subscription, 2014-2018
New Hampshire (US)	92.2% (88.8%)	86.%(80.4%)
Belknap County	91.30%	84.40%
Carroll County	90.70%	84.60%
Cheshire County	89.40%	81.70%
Coos County	84.60%	75.40%
Grafton County	91.00%	81.60%
Hillsborough County	93.30%	88.20%
Merrimack County	91.20%	85.30%
Rockingham County	94.20%	90.00%
Strafford County	92.20%	84.50%
Sullivan County	88.60%	80.10%
Nashua city	92.70%	87.40%
Manchester city	91.10%	85.10%

Week 13 Census Pulse Survey, Aug 19-31, 2020
Computer and Internet Availability in Households with Children in Public or Private School

	Device always available for educational purposes	Internet always available for educational purposes
US	71%	73%
NH	76%	81%

https://www.census.gov/acs/www/data/data-tables-and-tools/data-profiles

https://www.census.gov/programs-surveys/household-pulse-survey/data.html

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Domain 2: Community

- Who we are:
  - Adverse Childhood Experiences (ACEs)
    - Almost 50% of NH adults reported at least one ACE, and over 10% experienced over four ACEs (BRFSS, 2016, https://www.cdc.gov/violenceprevention/aces/ace-brfss.html)
  - Commuting patterns
    - 0.8% of NH residents commute to work using public transit, compared to 5% of the US (Census, ASC, 2014-2018, https://www.census.gov/acs/www/data/data-tables-and-tools/data-profiles)
    - 80.9% of NH drove alone to work, compared to 76.4% of the US (Census, ASC, 2014-2018 https://www.census.gov/acs/www/data/data-tables-and-tools/data-profiles)
  - Environmental health
    - NH is Pediatric Blood Lead Level (BLL) Testing state and rates of testing are very good (https://wisdom.dhhs.nh.gov/wisdom/?s=epht#TopicGroup_7B0CAFEAAEB746FFBC0BBFFA2C0FBFA5)
- Our strengths: Overall, safe place to live.
- Our challenges: Disparities in experience by population – age, race, ethnicity, and geography.

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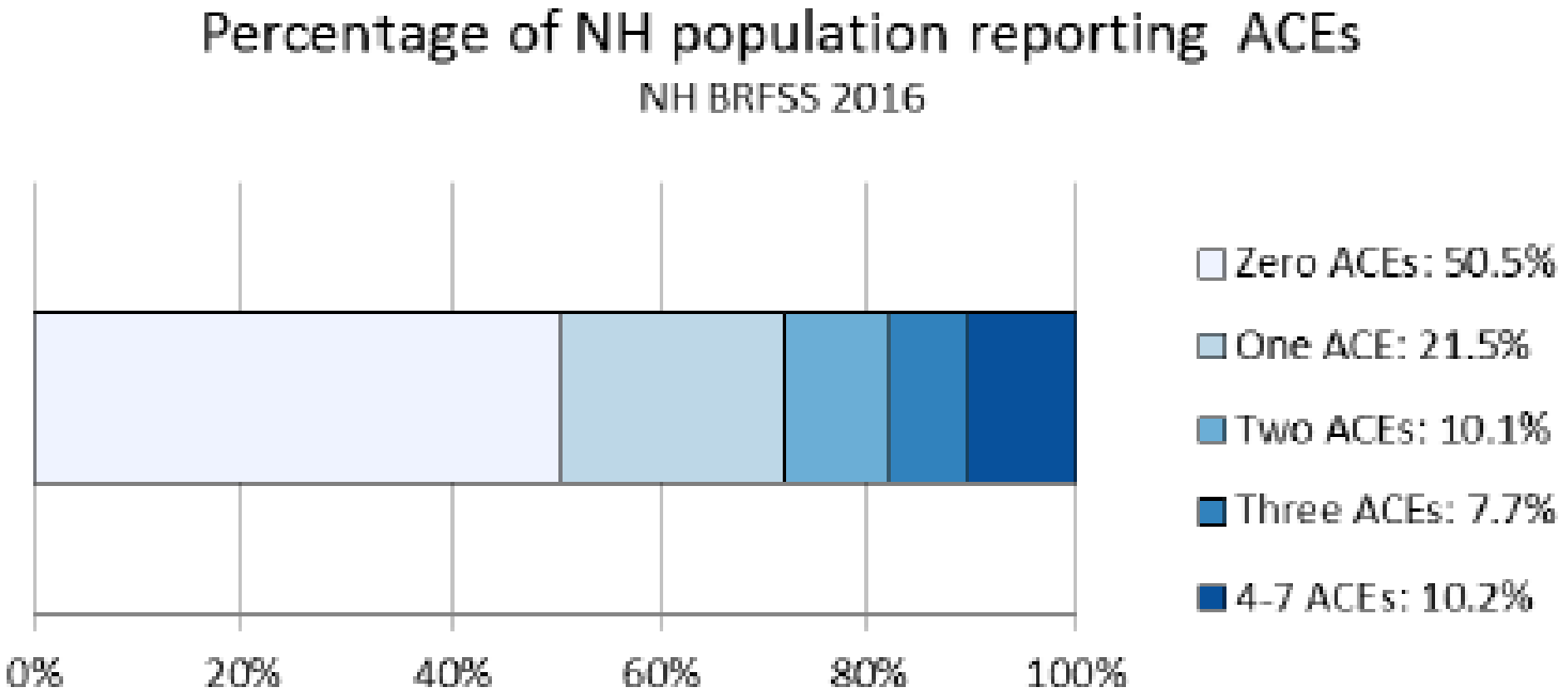
Adverse Childhood Experiences (ACEs)



https://www.cdc.gov/violenceprevention/aces/ace-brfss.html

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Pre-COVID Commuting Habits (Census, ASC 2014-2018)

Geographic Area Name	Workers 16 years and over	%Car, truck, or van -- drove alone	%Car, truck, or van -- carpooled	% Public transportation (excluding taxicab)	% Walked	% Other means	%Worked at home
New Hampshire	**707037**	**80.9**	**7.9**	**0.8**	**2.7**	**1.3**	**6.4**
Belknap County	30332	80.5	10	0.1	2	2.2	5.2
Carroll County	22901	81.4	8.2	0.1	2.2	1.2	6.9
Cheshire County	39435	77.6	7.6	0.3	3.4	2	9.2
Coos County	14151	77.2	10.4	0.2	2.6	3.1	6.6
Grafton County	45405	74.7	9	1.3	6.7	2.9	5.5
Hillsborough County	219983	81.4	8.3	0.9	2	1	6.4
Merrimack County	77829	80.8	7.9	0.4	2.6	1.3	7.1
Rockingham County	169829	83.5	6	0.8	1.8	1	6.9
Strafford County	66373	79.1	8.7	2.1	4.6	1.4	4.2
Sullivan County	20799	81.4	9.4	0.4	2.9	0.9	5.1
Manchester-Nashua	219983	81.4	8.3	0.9	2	1	6.4

https://www.census.gov/acs/www/data/data-tables-and-tools/data-profiles

COVID Impact: 40.8% of adults living in households in NH where at least one adult has substituted some or all of their typical in-person work for telework because of the coronavirus pandemic (Census Pulse Survey week 13 Aug 19-31, https://www.census.gov/programs-surveys/household-pulse-survey/data.html)

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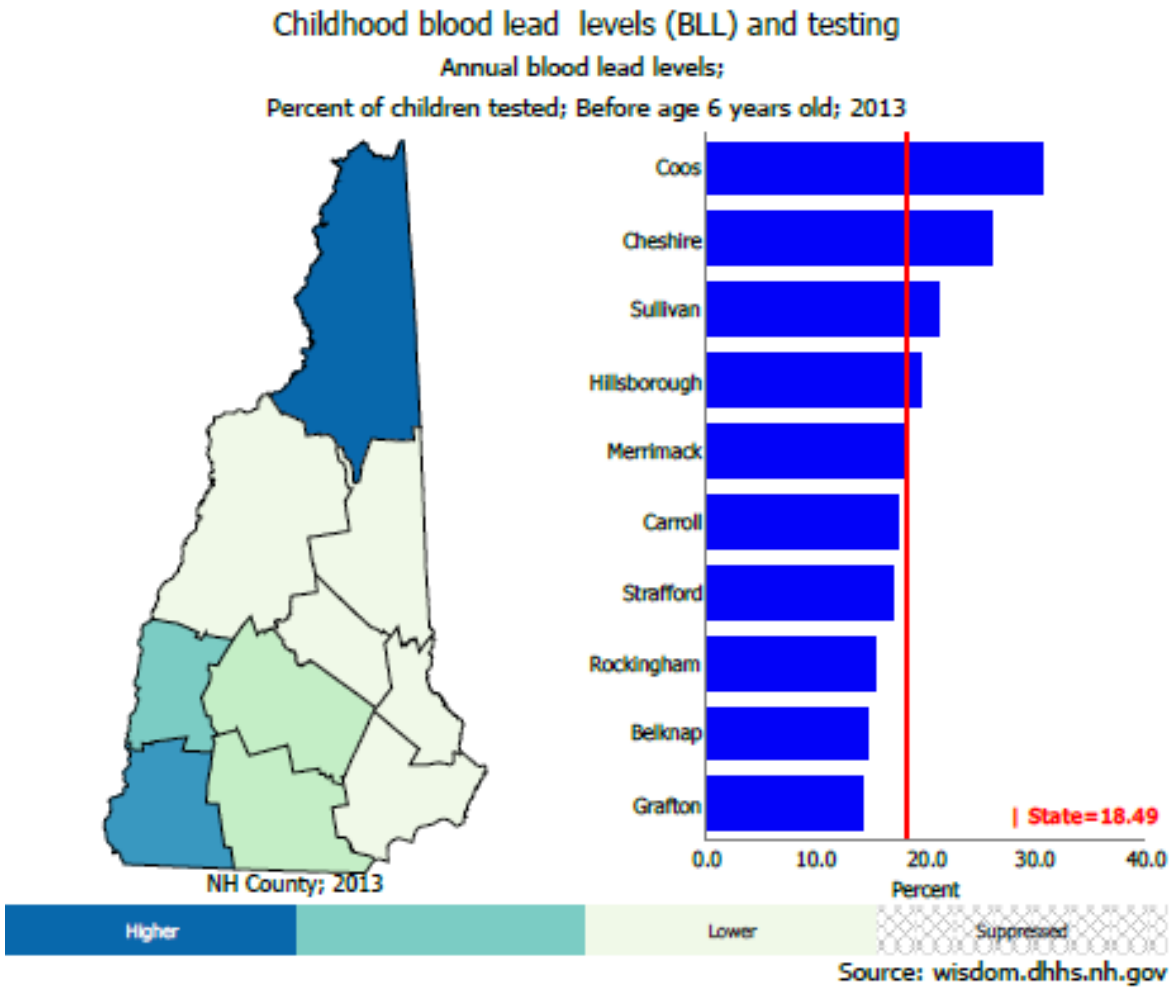
Childhood Blood Lead Levels and Testing



Childhood blood lead levels (BLL) and testing

Annual blood lead levels; Before age 6 years old; 2013

		Count children tested	Percent children tested	State Count children tested	State Percent children tested
2013	Belknap	527	14.92%	14615	18.49%
	Carroll	384	17.53%	14615	18.49%
	Cheshire	1155	26.17%	14615	18.49%
	Coos	495	30.82%	14615	18.49%
	Grafton	674	14.34%	14615	18.49%
	Hillsborough	5316	19.75%	14615	18.49%
	Merrimack	1554	18.26%	14615	18.49%
	Rockingham	2635	15.63%	14615	18.49%
	Strafford	1332	17.18%	14615	18.49%
	Sullivan	543	21.19%	14615	18.49%

▪ Source: wisdom.dhhs.nh.gov

https://wisdom.dhhs.nh.gov/wisdom/#Topic_8EEEACAD54BD415F9767E7B85EA9BCA2_Anon

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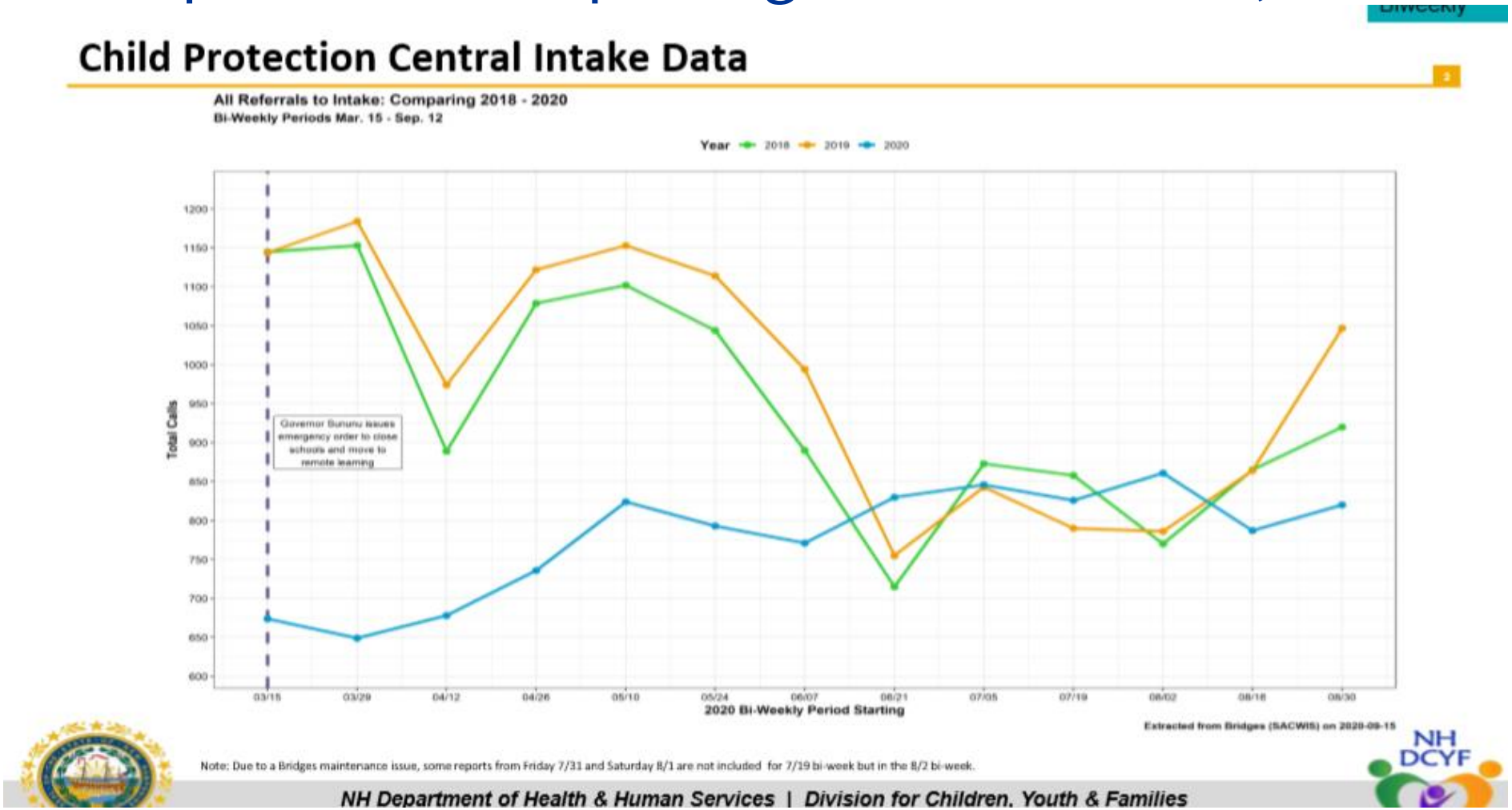
COVID Impact: Lower reporting for child abuse (DCYF dashboard)



https://www.dhhs.nh.gov/ocom/operatingstatsdashboards.htm

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Domain 3: Health Status and Outcomes

- Who we are:
  - Among healthiest states in the US, but health outcomes vary by county
    - Rank 6th overall in America's Health Rankings (https://www.americashealthrankings.org/learn/reports/2018-annual-report/findings-state-rankings)
  - Among the highest costs of healthcare in the country
    - NH spends $9,589 per capita compared to $8,045 in the US overall Drug overdose deaths are high in NH, large disparities by geography (KFF, https://tinyurl.com/y3rm8a3v)
    - In 2018, NH had the 6th highest rate of death due to drug overdoses at 35.8 per 100,000 as compared to the overall US rate of 20.7 per 100,000
- Our strengths: Low infant mortality and low teen birth rates
- Our challenges: Healthcare access (L&D hospital closures, availability of mental health services), drug overdose deaths

Outcomes			
Cancer Deaths	+++	192.3	28
Cardiovascular Deaths	+++++	226.0	8
Diabetes	++++	10.3%	18
Disparity in Health Status	+	30.9%	42
Frequent Mental Distress	++	13.8%	33
Frequent Physical Distress	++++	11.3%	15
Infant Mortality	+++++	3.9	2
Premature Death	++++	6,770	17
All Outcomes *	+++	0.063	21
Overall			
Overall *	+++++	0.605	6

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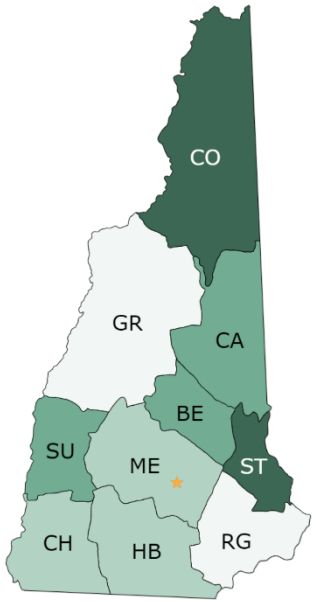
2020 Health Outcomes - New Hampshire

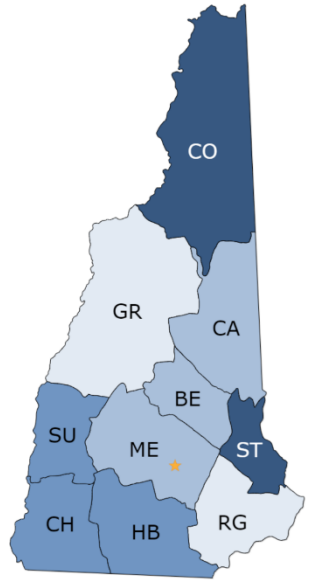


Health Outcome Ranks

1 to 2 | 3 to 5 | 6 to 8 | 9 to 10

County Health Rankings & Roadmaps
Building a Culture of Health, County by County
A Robert Wood Johnson Foundation program

2020 Health Factors - New Hampshire



Health Factor Ranks

1 to 2 | 3 to 5 | 6 to 8 | 9 to 10

County Health Rankings & Roadmaps
Building a Culture of Health, County by County
A Robert Wood Johnson Foundation program

https://www.countyhealthrankings.org/app/new-hampshire/2020/measure/outcomes/1/map

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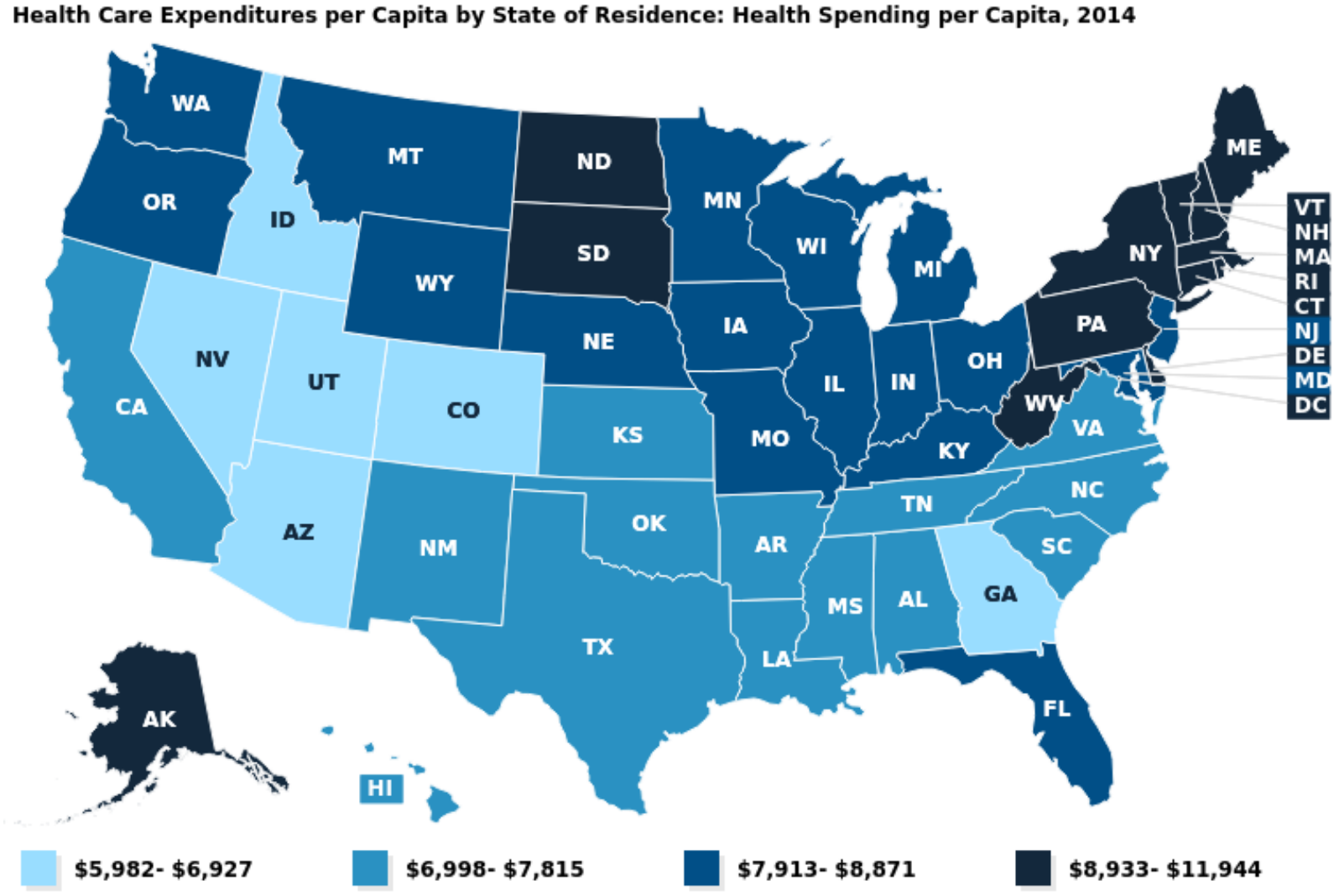
Health Spending Per Capita



SOURCE: Kaiser Family Foundation's State Health Facts.

https://tinyurl.com/y3rm8a3v

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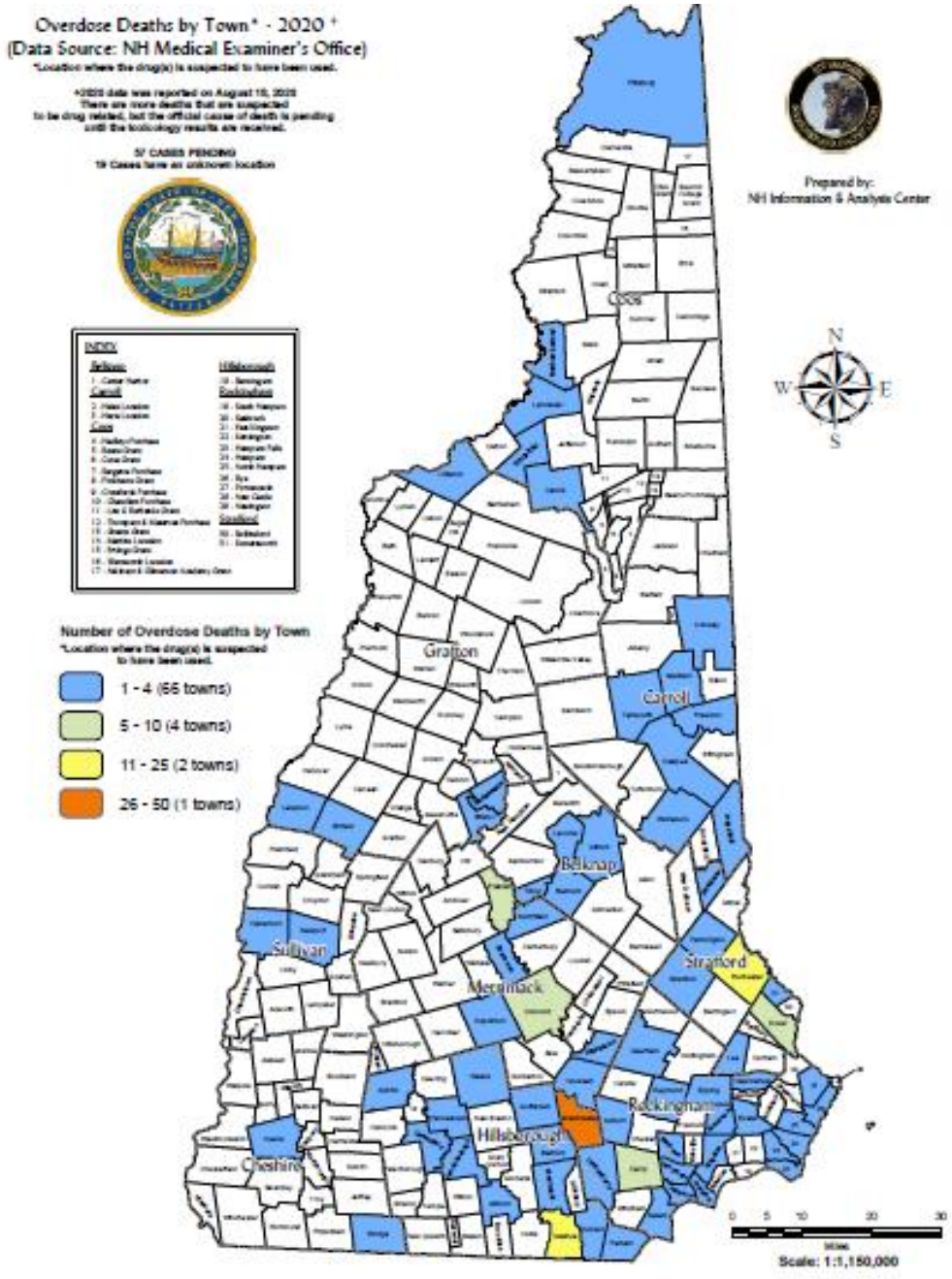

https://www.dhhs.nh.gov/dcbcs/bdas/data.htm

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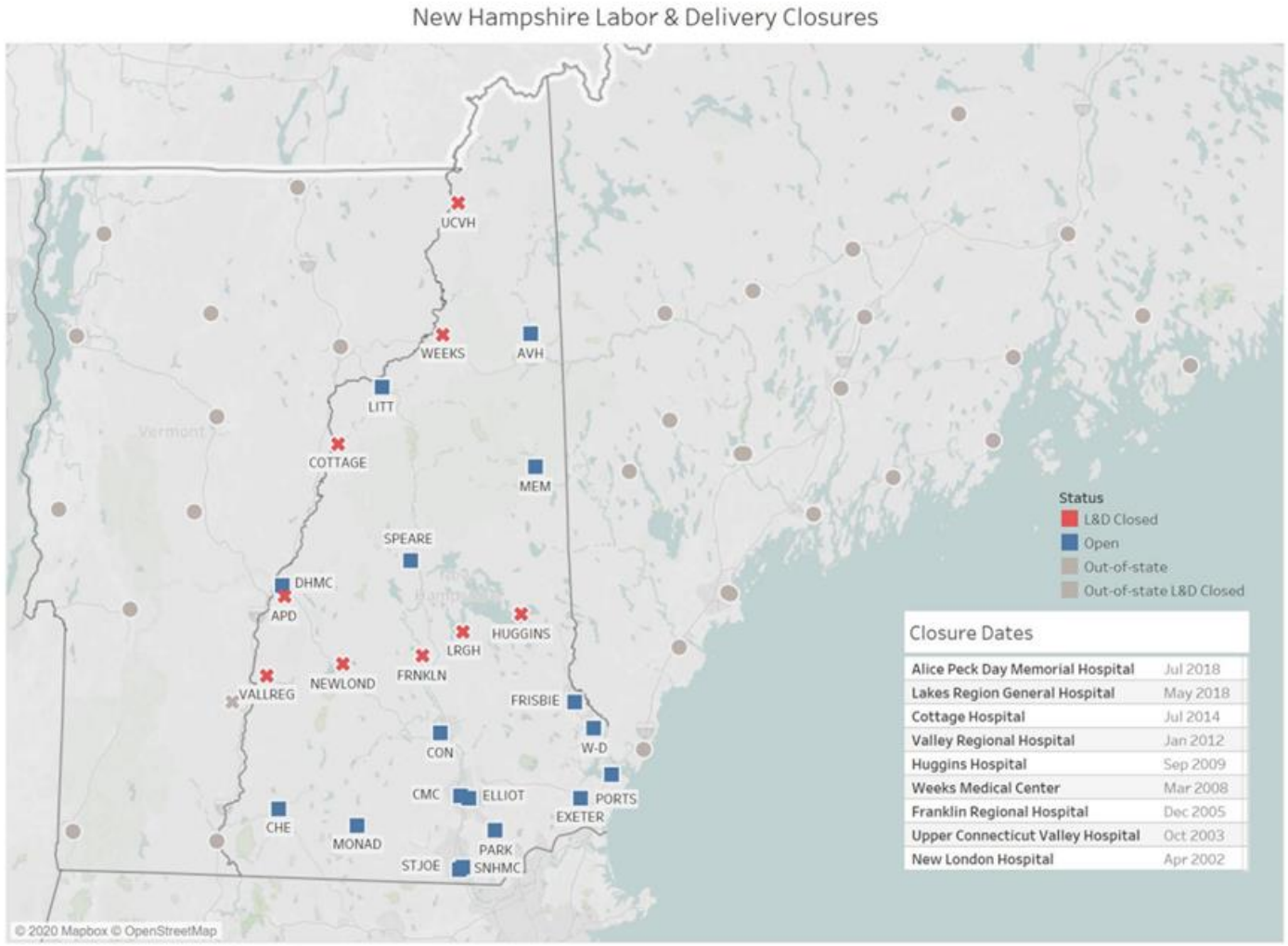
NH Labor and Delivery Unit Closures



LaFlamme, David; https://public.tableau.com/profile/david.laflamme.personal.#!/vizhome/NHClosuresLandD/LDClosuresPrintLndscp

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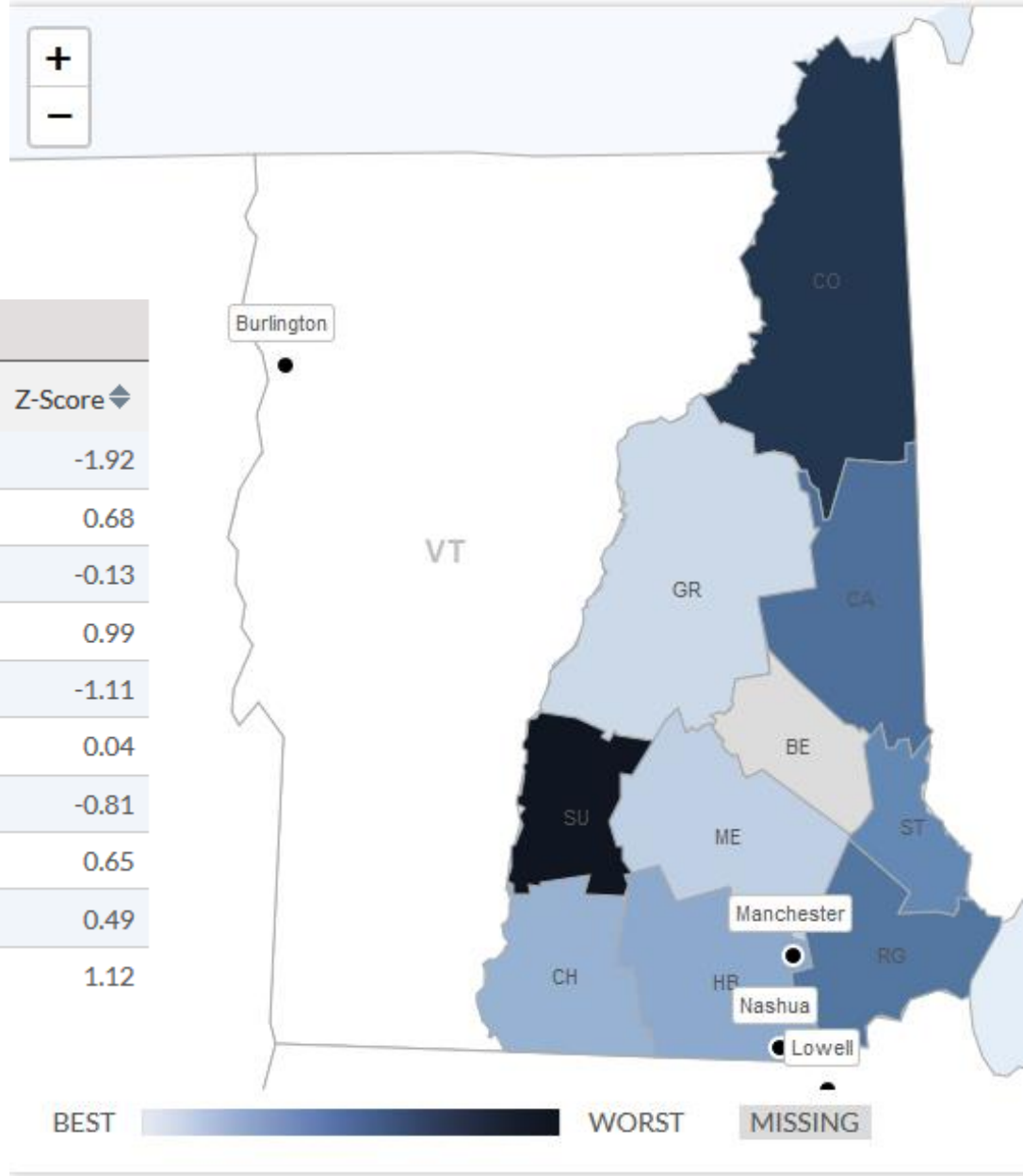
NH Mental Health Providers by County

Mental Health Provider Ratio			
County	# Mental Health Providers	County Value	Z-Score
Belknap	333	180:1	-1.92
Carroll	111	440:1	0.68
Cheshire	250	310:1	-0.13
Coos	60	530:1	0.99
Grafton	401	220:1	-1.11
Hillsborough	1,270	330:1	0.04
Merrimack	620	240:1	-0.81
Rockingham	717	430:1	0.65
Strafford	326	400:1	0.49
Sullivan	75	580:1	1.12



https://www.countyhealthrankings.org/app/new-hampshire/2020/measure/factors/62/map

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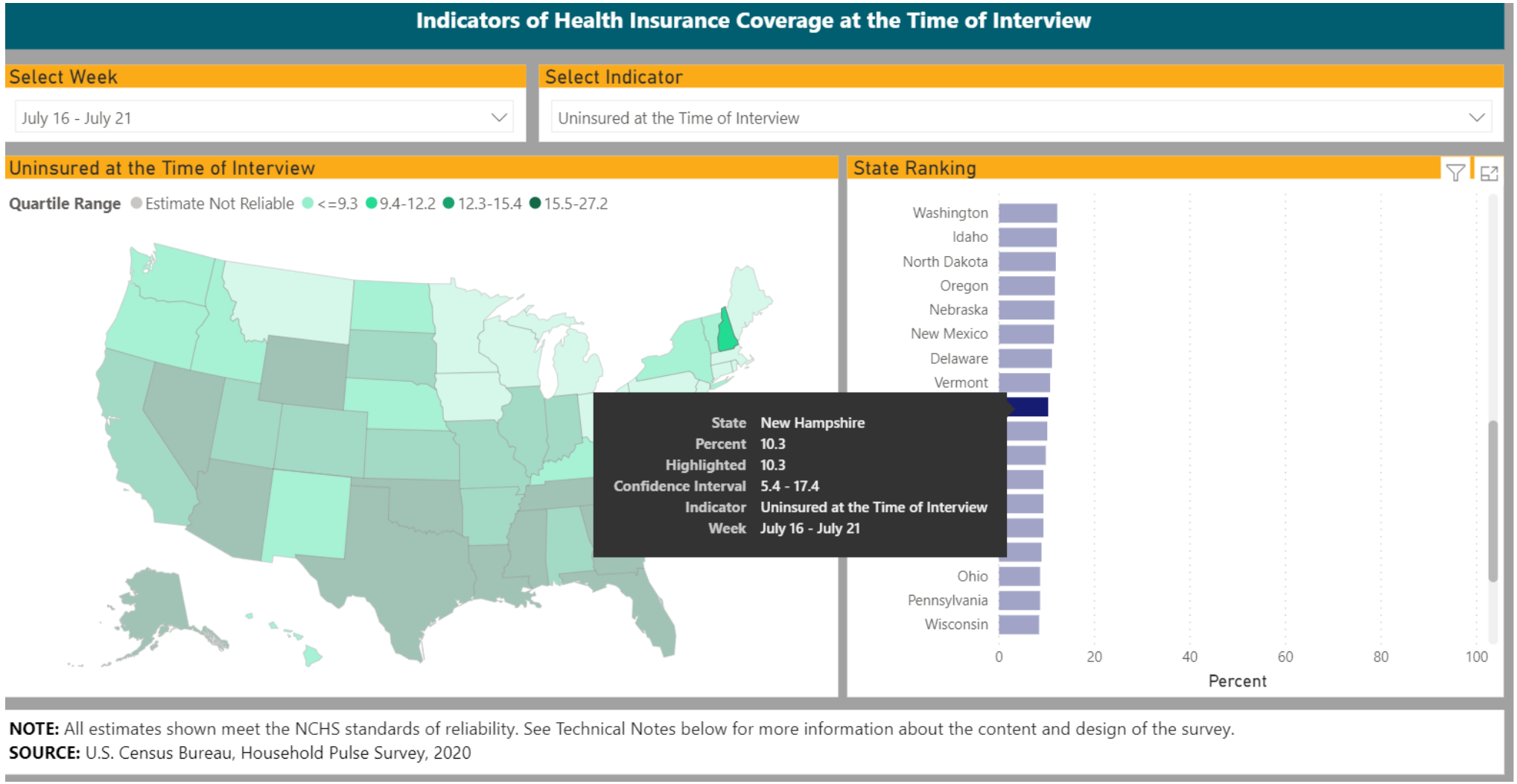
COVID Impact: Insurance Coverage



09/25/2020 https://www.cdc.gov/nchs/covid19/pulse/mental-health.htm

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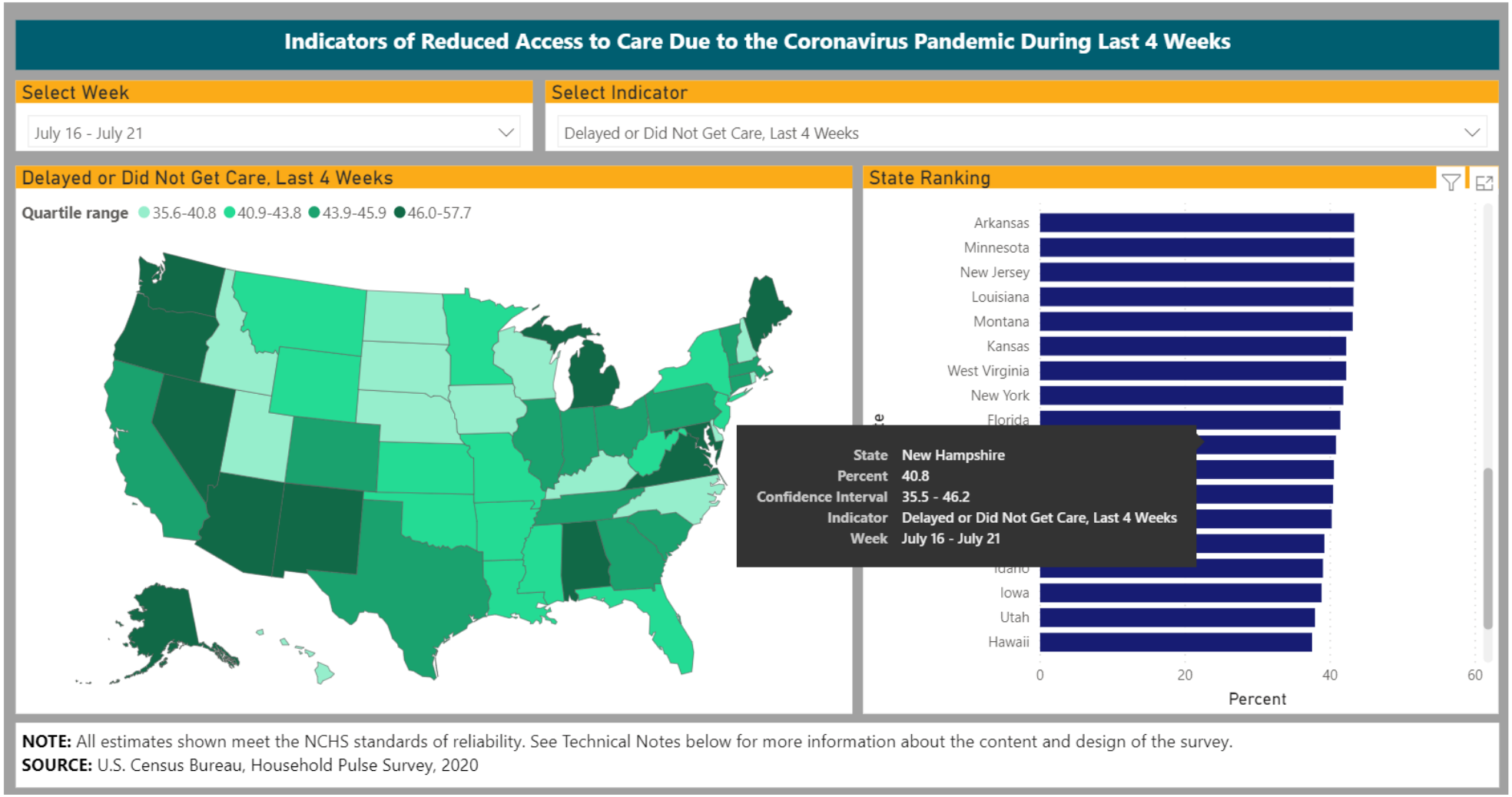
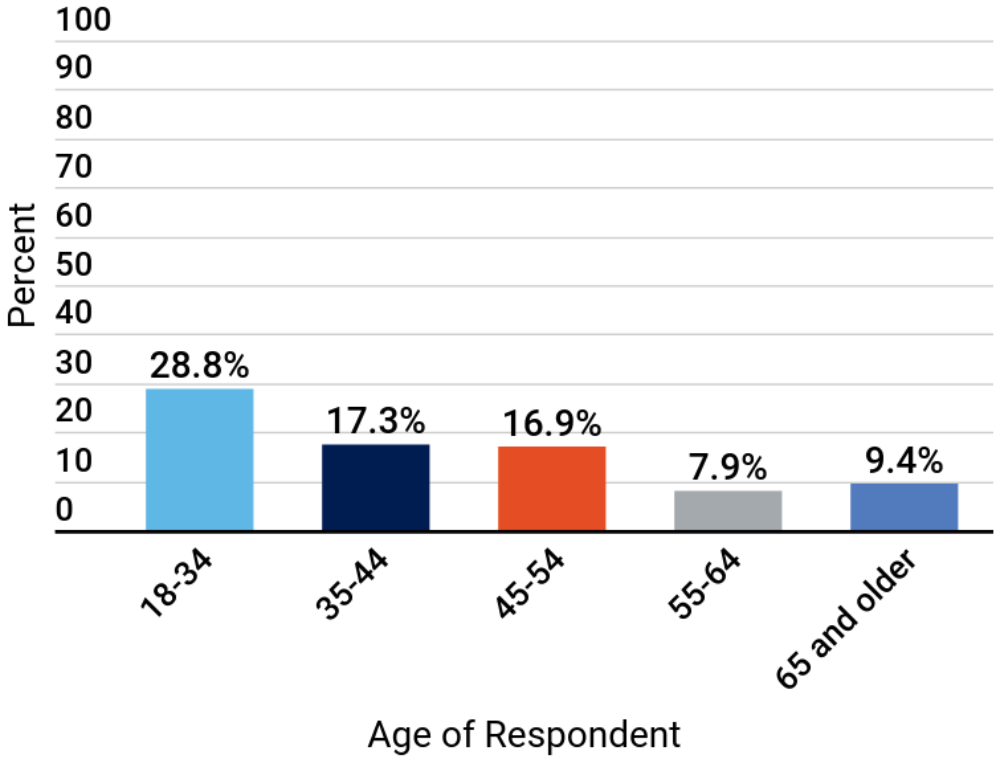
COVID Impact: Delayed or Did Not Get Care

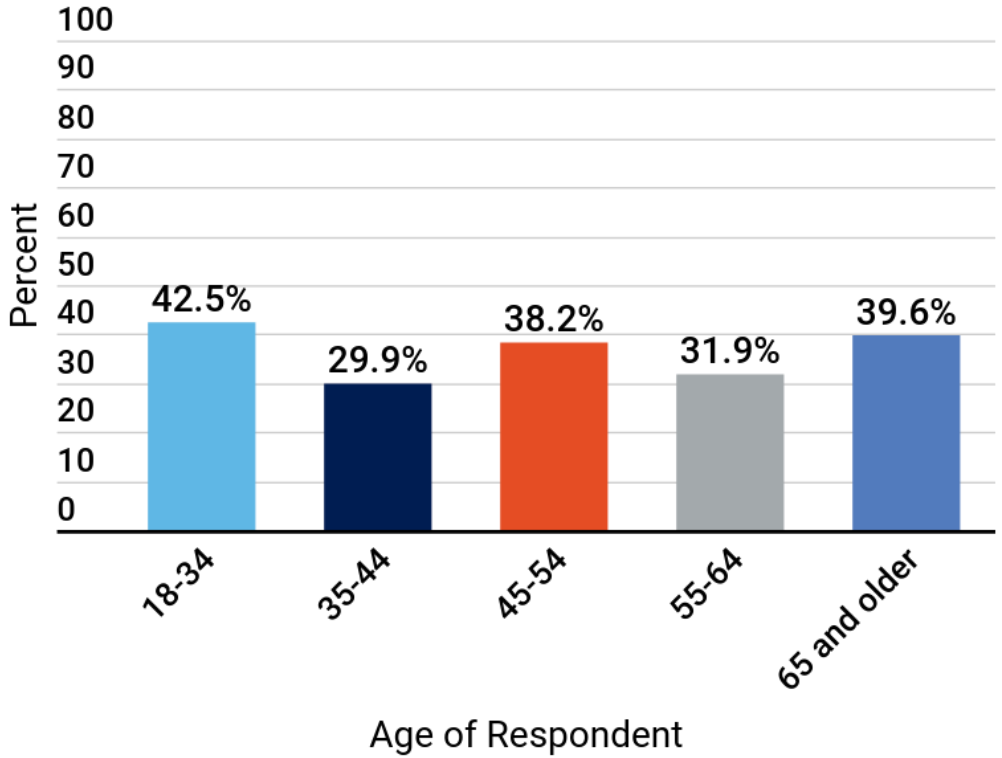


09/25/2020 https://www.cdc.gov/nchs/covid19/pulse/mental-health.htm

COVID Impact: Healthcare Delivery - Telehealth

37% of survey respondents had a medical appointment moved to telehealth. Almost 17% had a behavioral health appointment moved to telehealth (COVID-19 Impact for NH Adults, UNH IHPP Survey, June 2020, https://chhs.unh.edu/institute-health-policy-practice/covid-19-data)





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Domain 4: Social Connectedness

- Who we are:
  - Community Resilience estimates shows geographic variation
    - Coos County has a higher % of residents with 3 or more risk factors, making the community less resilient (2018 ACS, https://www.census.gov/acs/www/data/data-tables-and-tools/data-profiles).
  - Risk of social isolation among older adults varies geographically
    - The risk of social isolation is increased in Coos County, compared to the other counties in NH
  - Still exploring the Inclusiveness Index
- Our strengths: Economic indices are favorable for NH
- Our challenges: Likely an area where qualitative information will fill in this story

https://www.rwjf.org/en/cultureofhealth/about.html
https://www.census.gov/data/experimental-data-products/community-resilience-estimates.html
https://assets.americashealthrankings.org/app/uploads/2020-senior-state-summaires-download.pdf

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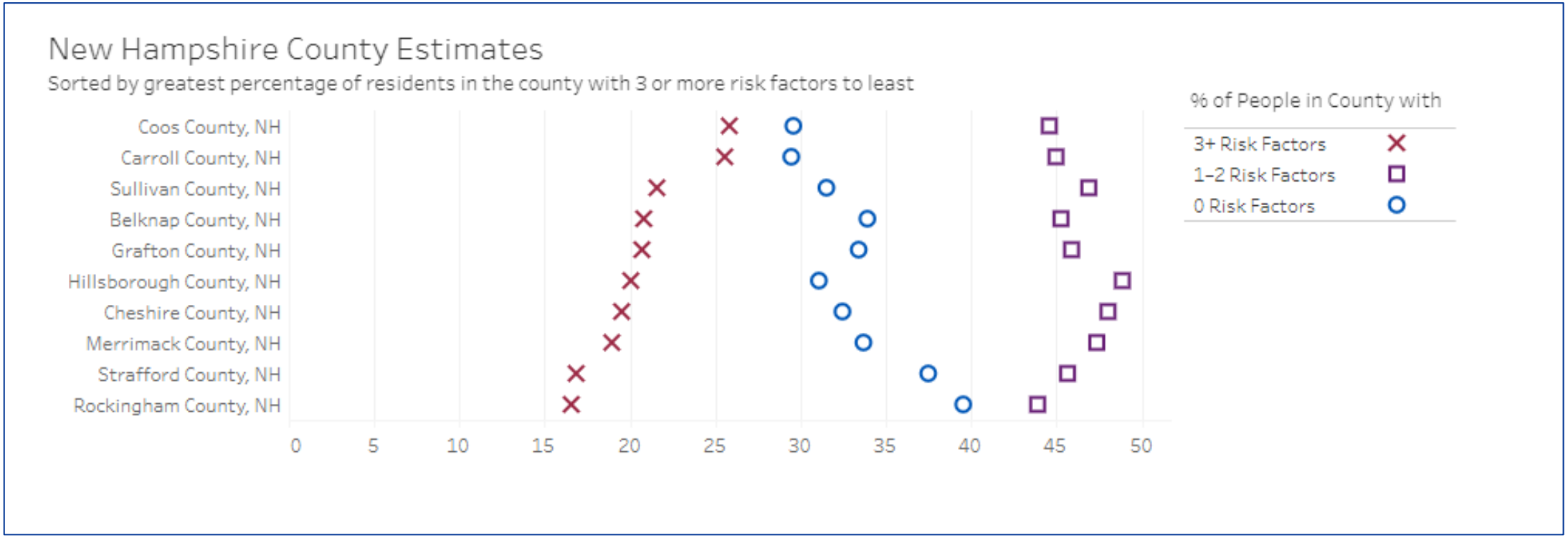
Community Resilience Estimates



Source: Community Resilience Estimates,. Social, Economic, and Housing Statistics Division, U.S. Census Bureau https://www.census.gov/data/experimental-data-products/community-resilience-estimates.html. June 17, 202

Community resilience is the capacity of individuals and households to absorb, endure, and recover from the health, social, and economic impacts of a disaster such as a hurricane or pandemic.

Technical notes at https://www2.census.gov/data/experimental-data-products/community-resilience-estimates/2020/technical-document.pdf

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Example: Inclusiveness Index

- New Hampshire 2019 general score= 0.1697 (Medium-High) 2018 general score= 0.1710 (High) . NH had the 13th highest score in US in 2019
- Index developed by Belonging Institute at Berkley (https://belonging.berkeley.edu/inclusivenessindex/about)
- Inclusiveness Index represents the Institute's efforts to measure and more deeply understand the dynamics of inclusion and group-based marginality within the United States and across the globe
- The index holistically examines the experiences of groups across a range of social dimensions, including gender, race/ethnicity, religion, disability, and sexual orientation
- Inclusiveness Index is a unique measure of inclusivity with a focus on policy, laws, and institutions rather than economic forces that shape inequality (race, gender, sexual orientation, religion and disability)
- Can look at score by individual factors too (race, gender, sexual orientation, religion and disability)

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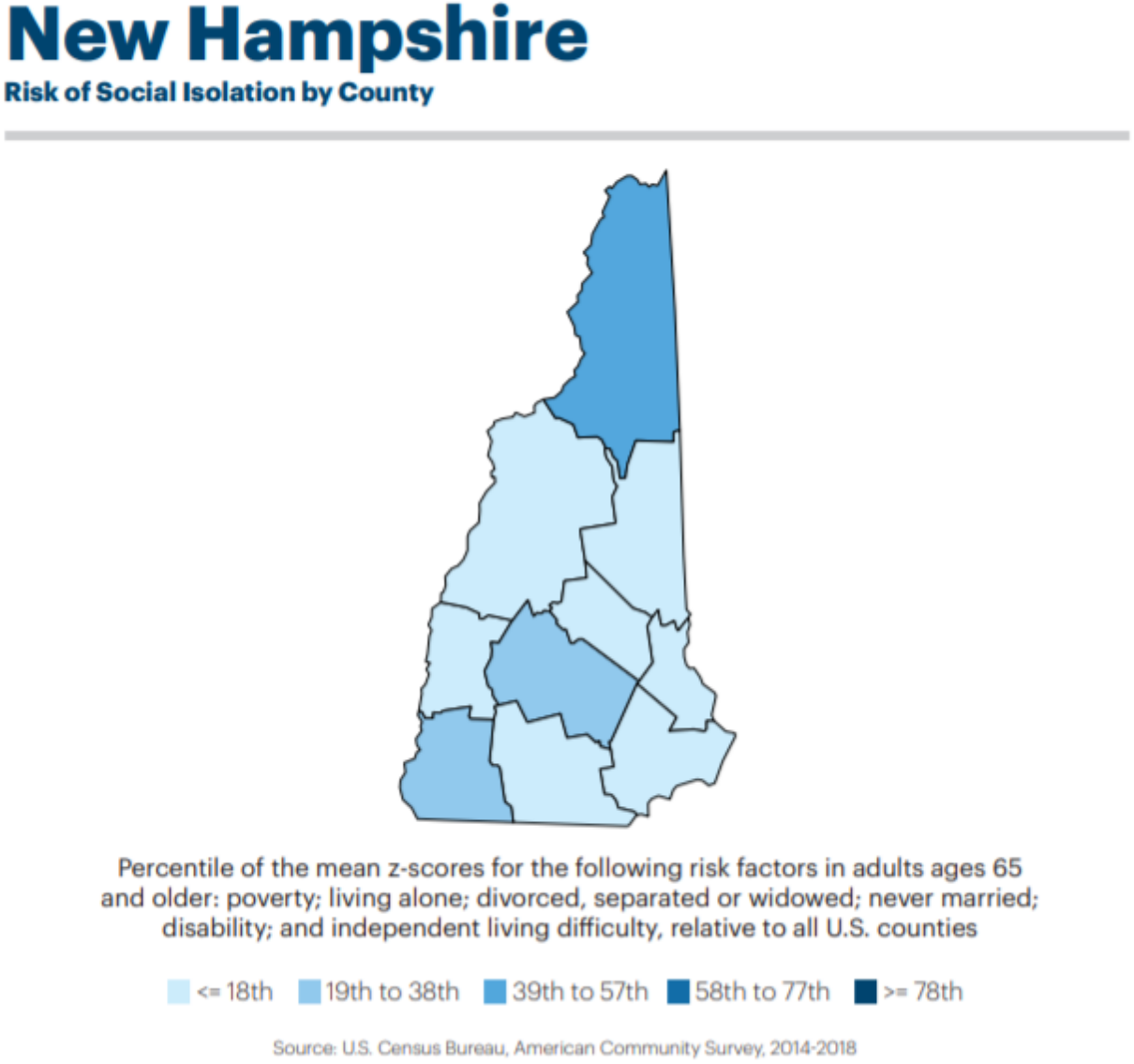
Risk of Social Isolation, Older Adults



https://www.americashealthrankings.org/explore/senior/measure/isolationrisk_sr/state/NH

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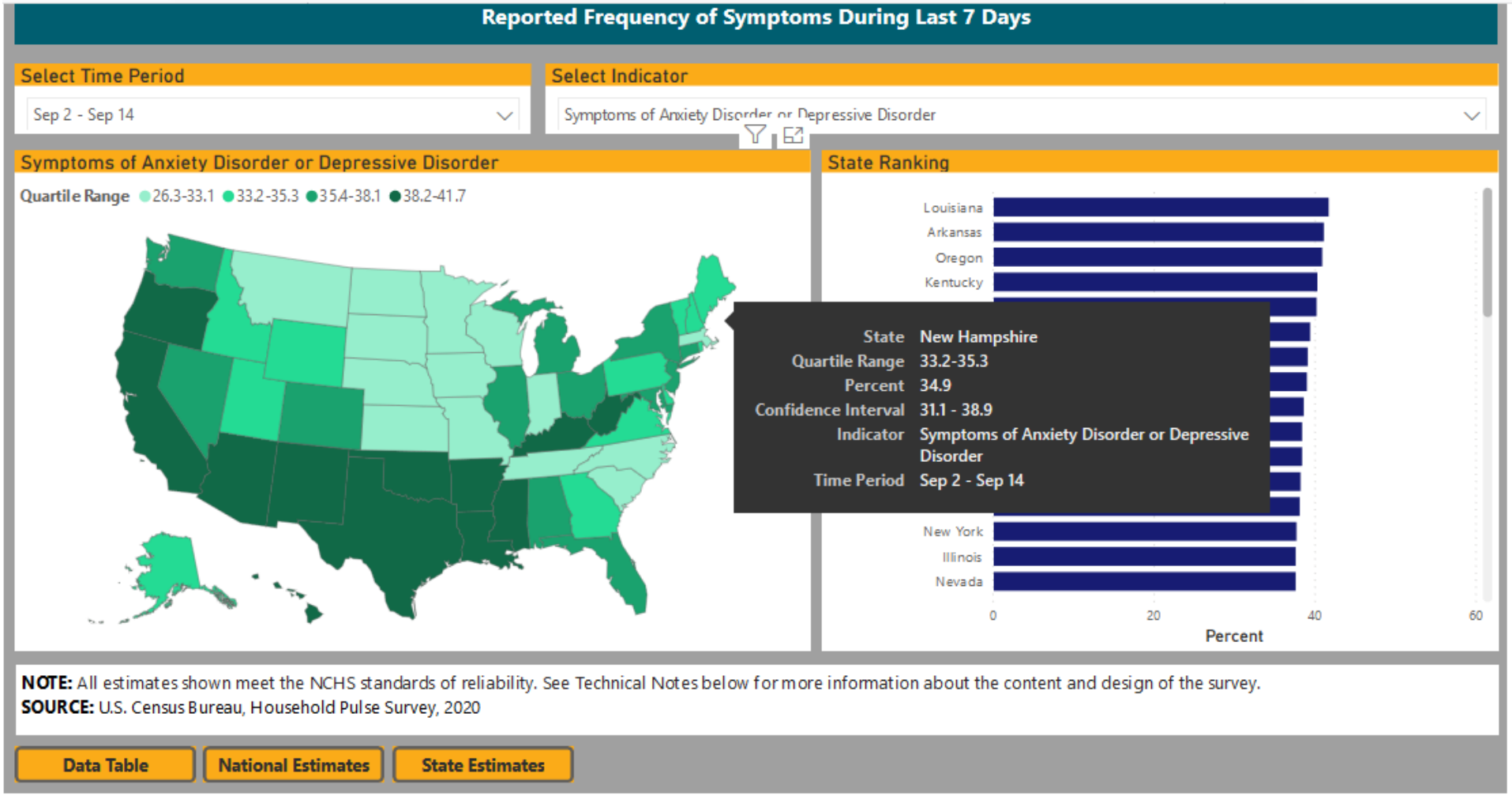
COVID Impact: Anxiety and Depression During COVID



https://www.cdc.gov/nchs/covid19/pulse/mental-health.htm

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Continuing Discussion Areas

- What do we still need to find out?
- What geographies should we use?

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Survey Preview

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Public Comment

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Next Steps

- Upcoming Meetings:
  - October 16, 2020 from 9:30 – 11:30
  - November 20, 2020 from 9:30 – 11:30
  - December 18, 2020 from 9:30 – 11:30