



OeHI

Office of eHealth Innovation

EHEALTH COMMISSION MEETING

WEB-CONFERENCE ONLY

MAY 12, 2021



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Office of eHealth Innovation

NOTE:

NEW ZOOM WEBINAR [LINK](#)

PASSCODE: 33W1FQ

DIAL IN BY PHONE:


US: +1 253 215 8782

OR: +1 346 248 7799

WEBINAR ID: 838 7864 3457

PASSCODE: 541571

IF YOU ARE EXPERIENCING AUDIO OR PRESENTATION DIFFICULTIES DURING THIS MEETING,
PLEASE TEXT ISSUES TO
203-521-5910

MAY AGENDA			 <div> OeHI Office of eHealth Innovation </div>
Title	Start	Duration	
Open			
Call to Order <ul style="list-style-type: none"> Roll Call and Introductions Approval of April Minutes May Agenda and Objectives <i>Michelle Mills, Chair</i>	12:00	5 mins	
Announcements <ul style="list-style-type: none"> OeHI Updates-eHealth Commission Updates eHealth Commissioner Remarks Decision Items & Action Items <i>Carrie Paykoc, Director, Office of eHealth Innovation (OeHI)</i> <i>eHealth Commission Members</i>	12:05	15 mins	
New Business			
COVID-19 Analytics and Outreach <i>Kaakpema "KP" Yelapaala, CEO & Co-Founder of InOn Health, eHealth Commissioner</i> <i>Eric Parrie, CEO, COVIDCheck Colorado</i> <i>Brian Hiatt, CTO, COVIDCheck Colorado</i> <i>Emily Baron, Chief Public Health Officer, COVIDCheck Colorado</i>	12:20	35 mins	
Executive Session on Colorado Sunshine Laws, Conflict of Interest, and eHealth Commission Charters and Bylaws - separate Zoom link for Commissioners only <i>LeeAnn Morrill, First Assistant Attorney General</i>	12:55	40 mins	
eHealth Commission Charter and Bylaws Discussion and Vote <i>Michelle Mills, Chair</i>	1:35	10 mins	
Public Comment Period	1:45	5 mins	
eHealth Commission Meeting Closing Remarks <ul style="list-style-type: none"> Open Discussion Recap Action Items June Agenda Adjourn Public Meeting <i>Michelle Mills, Chair</i>	1:50	10 mins	
			3

OeHI and eHealth Commission Updates

- Updated [eHealth Commission Charter and Bylaws](#)
- Office of Civil Rights Notice of Public Comment - HIPAA
- Office of the National Coordinator- LEAP grant submission
- Federal and State Broadband Policy/Funding- [link](#) to info
- eHealth Commission Appointments
- Decision Items/Action Items
- Other Commissioner Updates?
- Next Meeting: June 9th: 12-2:30 PM, Virtual meetings through 2021

Note: If you are experiencing audio or presentation difficulties during this meeting, please text 203-521-5910.



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COVID-19 ANALYTICS AND OUTREACH

*KAAKPEMA "KP" YELPAALA, CEO & CO-FOUNDER OF INON
HEALTH, EHEALTH COMMISSIONER*

ERIC PARRIE, CEO, COVIDCHECK COLORADO

BRIAN HIATT, CTO, COVIDCHECK COLORADO

*EMILY BARON, CHIEF PUBLIC HEALTH
OFFICER, COVIDCHECK COLORADO*



Health Disparities and Data-Driven Action: COVID-19 and Beyond

May 12, 2021

Kaakpema “KP” Yelapaala



**GET IN ON
HEALTH EQUITY**



We are on a mission to improve access to health services & information through data-driven digital health communications for diverse populations.

Healthcare struggles to use health equity data and insights to effectively connect with diverse members/patients

TECHNOLOGY:
Not mobile-
friendly or
accessible



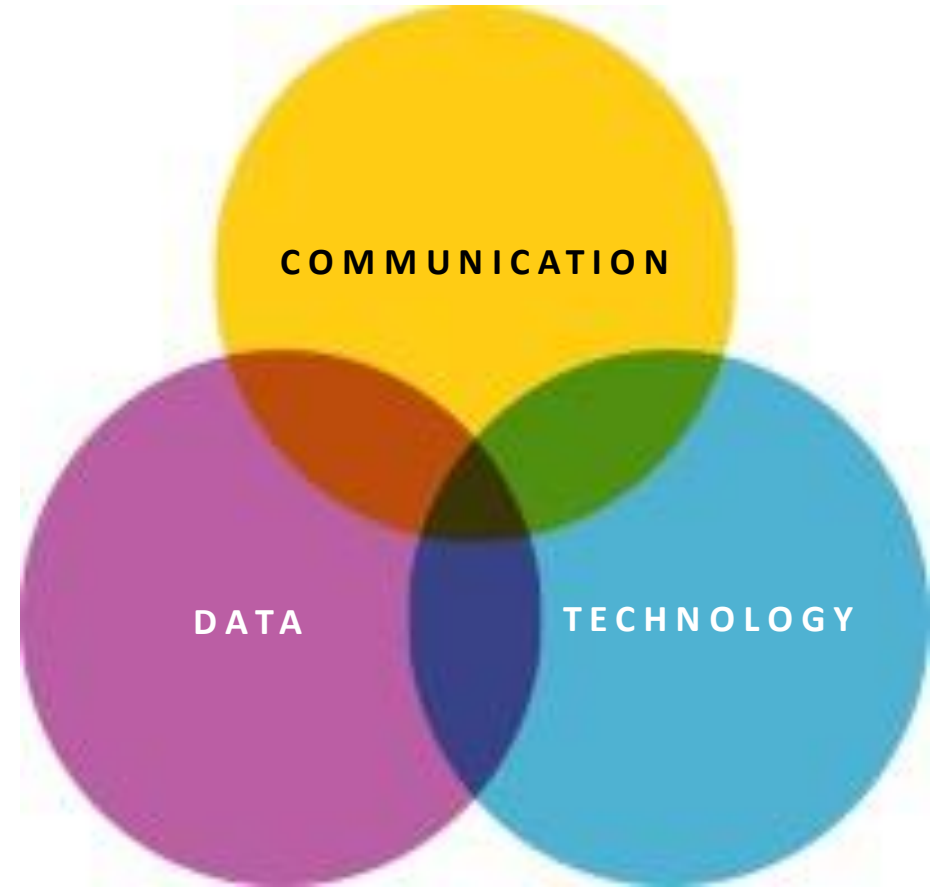
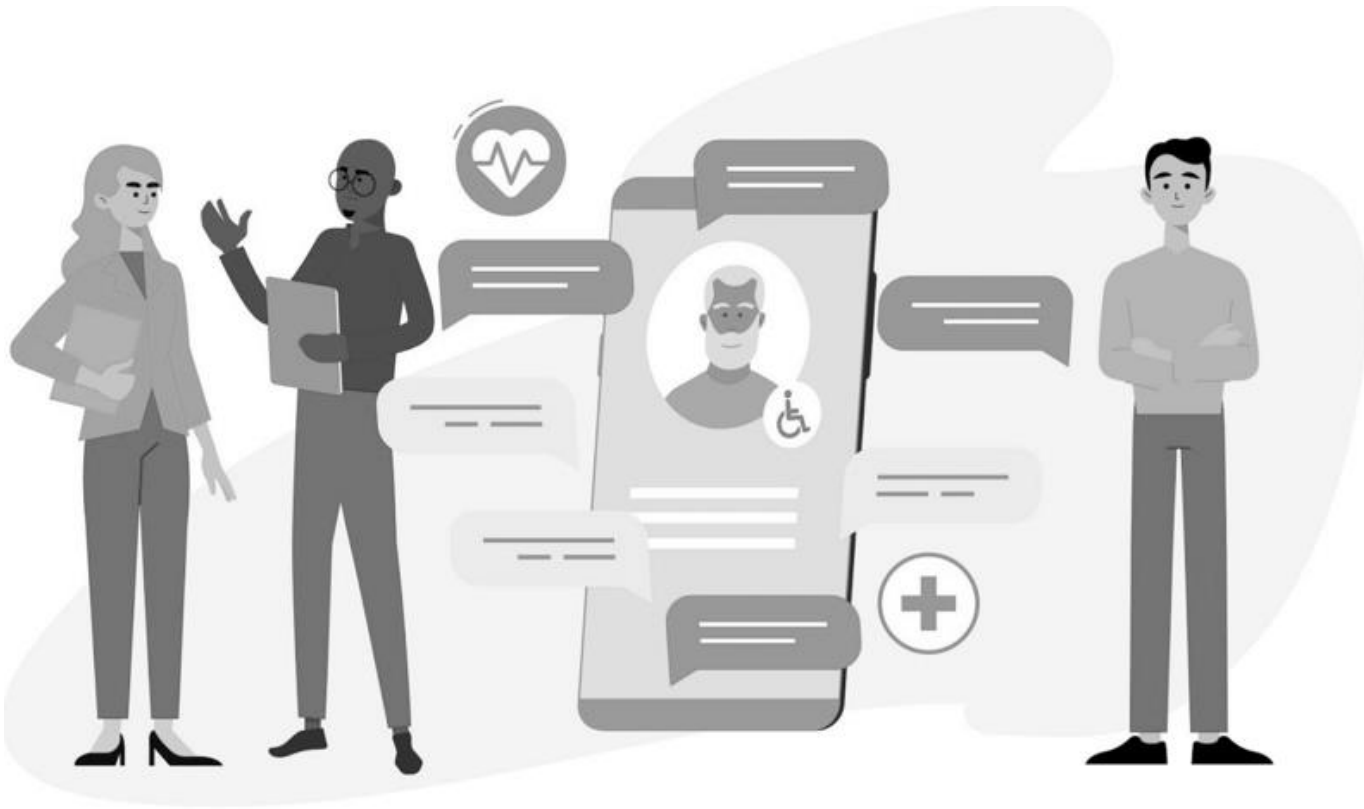
DATA:
Not leveraged for
precision or
relevance



COMMUNICATION:
Not tailored to
diverse populations



We communicate with precision and cultural awareness to drive health outcomes for diverse populations using data-driven approaches



Partners



Health DesignED

Department of
Emergency Medicine



Insight-Driven Health Equity

Reducing Health Disparities



Equity driven analytics supports intentional action to reduce health disparities

Definitions

- Common definitions on health equity and associated measures is foundational to reduce health disparities
- Health equity is often used as a proxy term for racial disparities in health

Data Collection

- Standardization of data collection at scale
- Making data public down to the zip and neighborhood level
- Considering data sources outside of the clinical context

Accessibility

- Data without insights isn't useful
- Insights without access for community orgs is limiting to progress
- Insights without action means no progress

GOAL: To better understand COVID-19 vaccine hesitancy, perceived barriers and facilitators to getting the vaccine, concerns about the vaccine, and desired information about the vaccine among Coloradans.

METHODS: Cross-sectional surveys with convenience samples of from March 24th through April 5th

Long (28 item) and short (18 item) version

Self-administered survey deployed through
Qualtrics XM

Available in English and Spanish

PARTICIPANTS: 4905 participants completed the surveys

Recruited by community-based organizations
primarily through email

4233 long and 672 short version

Incentive: Opportunity for \$50 Walmart gift card

RESULTS: Top issues cited as how to get an appointment and where to go

Latinx highest intention of getting the vaccine
while Black had the lowest

Facilitating access – No registration, available
in neighborhood, walk-in

Desired info – side effects, efficacy, differences
between vaccines

MANY ORGANIZATIONS ACROSS COLORADO SUPPORTED THE DISTRIBUTION AND SUCCESS OF THE SURVEY

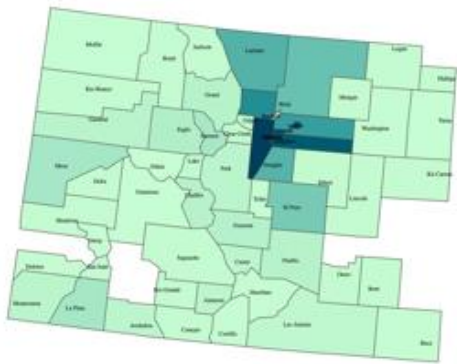


4,905 PARTICIPANTS: VARIED RESPONDENTS FROM ACROSS COLORADO



67% FEMALE

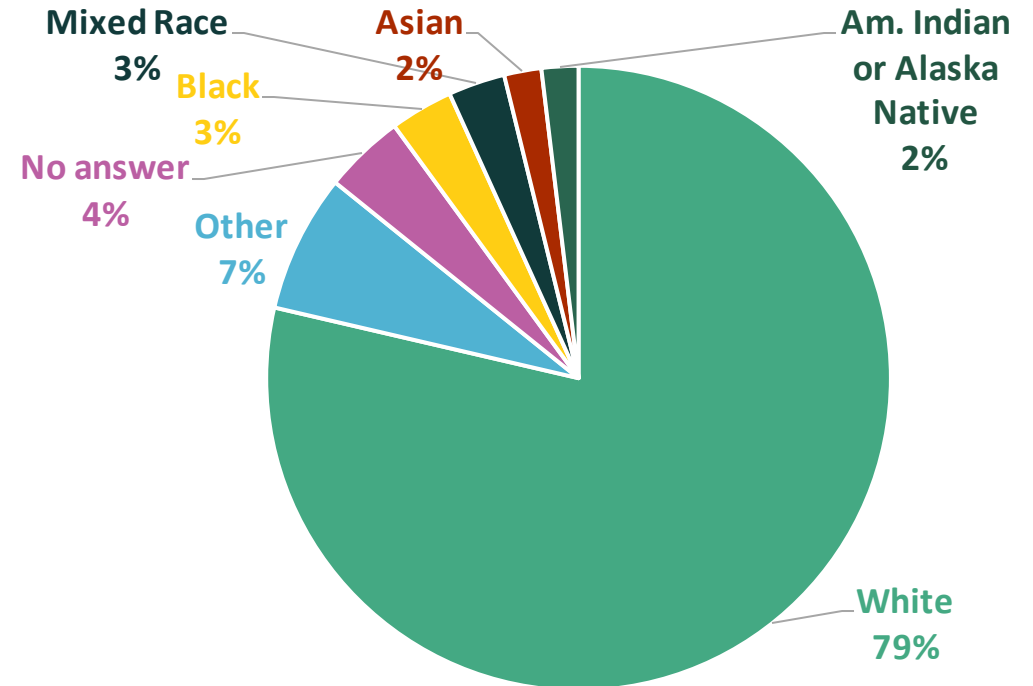
- 30% Male
- 3% Other: don't want to answer, transgender man / woman, gender fluid, two spirit



58/64 COUNTIES REPRESENTED

- 64% Urban
- 28% Rural or frontier
- 8% Suburban

RESPONDENTS BY RACE



25% HISPANIC (ethnicity)

- 11% Spanish speaking

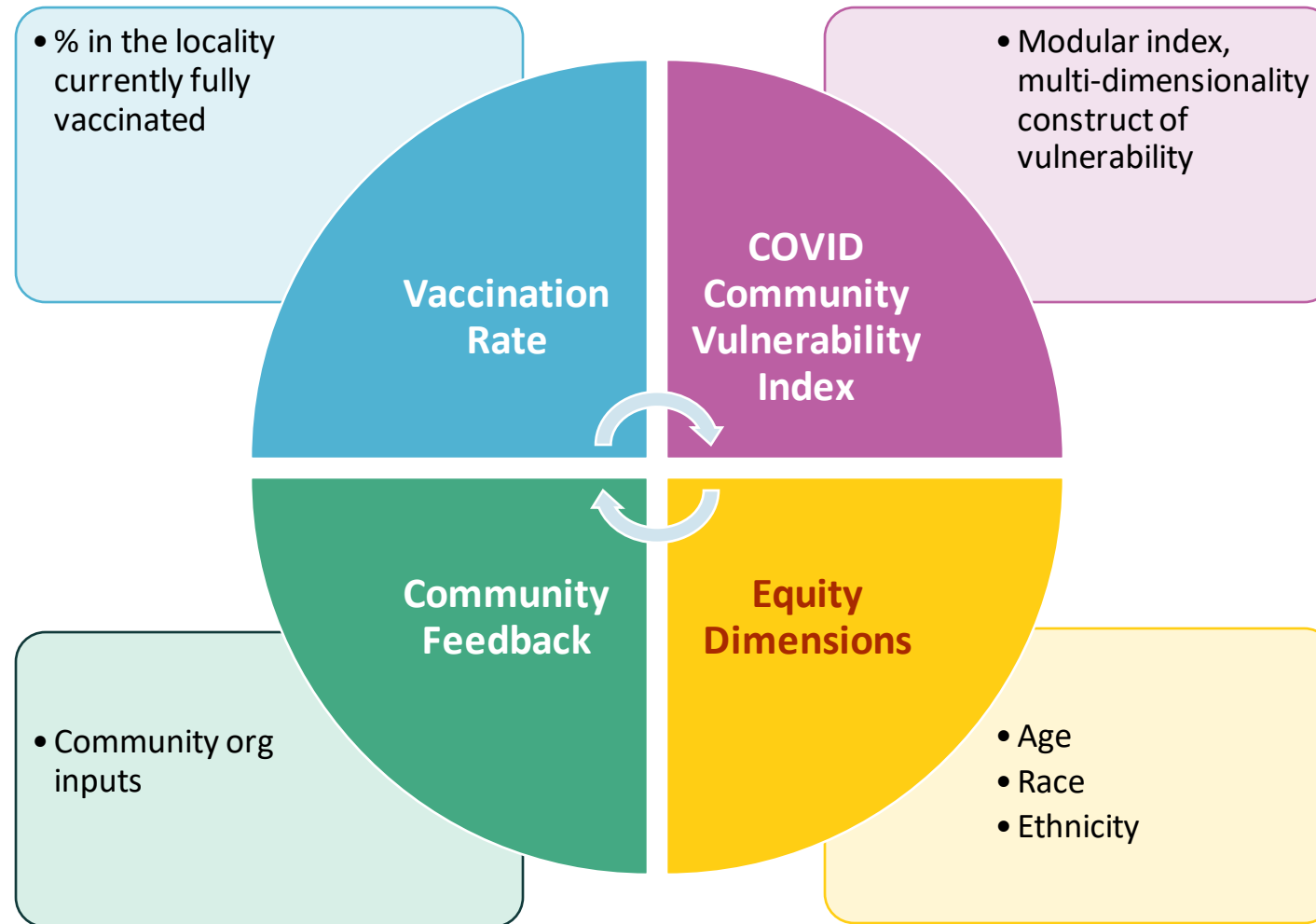
BARRIERS: WHICH OF THE BELOW MAY AFFECT YOU GETTING A COVID-19 VACCINE?

- 1 Don't know how to get an appointment
Higher for Latinx
- 2 Don't know where to go
Higher for Latinx
- 3 Don't know how to get on a registry
- 4 Fear discrimination
Much higher for Black ($p = .01$)

Order and percent same for vaccinated & not vaccinated

CHARACTERISTICS (N=4,905)	TOTAL %
Don't know how to get appointment	13.94
Don't know where to go	11.47
Don't know how to get on a registry	11.13
Fear discrimination	5.48
Distance to vaccine site	4.10
Cannot get time off	2.59
Do not speak English	1.87
Limited transportation	1.64

COVID Community Needs Index: Framework



COVID Community Need Index – v1.0

**Need = (1 – Vaccination Rate) *Pop Density *Minority Composition
*Poverty Level**

Vaccination rate

is the percent of people in the locality (e.g., Zip Code) who are currently *fully* vaccinated. We are currently using the Vax Dose Rate as a proxy.

Population density is population per square mile.

Minority composition is the % of people in the black-American, Indigenous, and/or Hispanic population

Poverty level is percent of the population that is below the poverty level as recorded by the Census.



Community Level Health Equity Insights: ZIP Code Data on COVID-19 (1)



Colorado

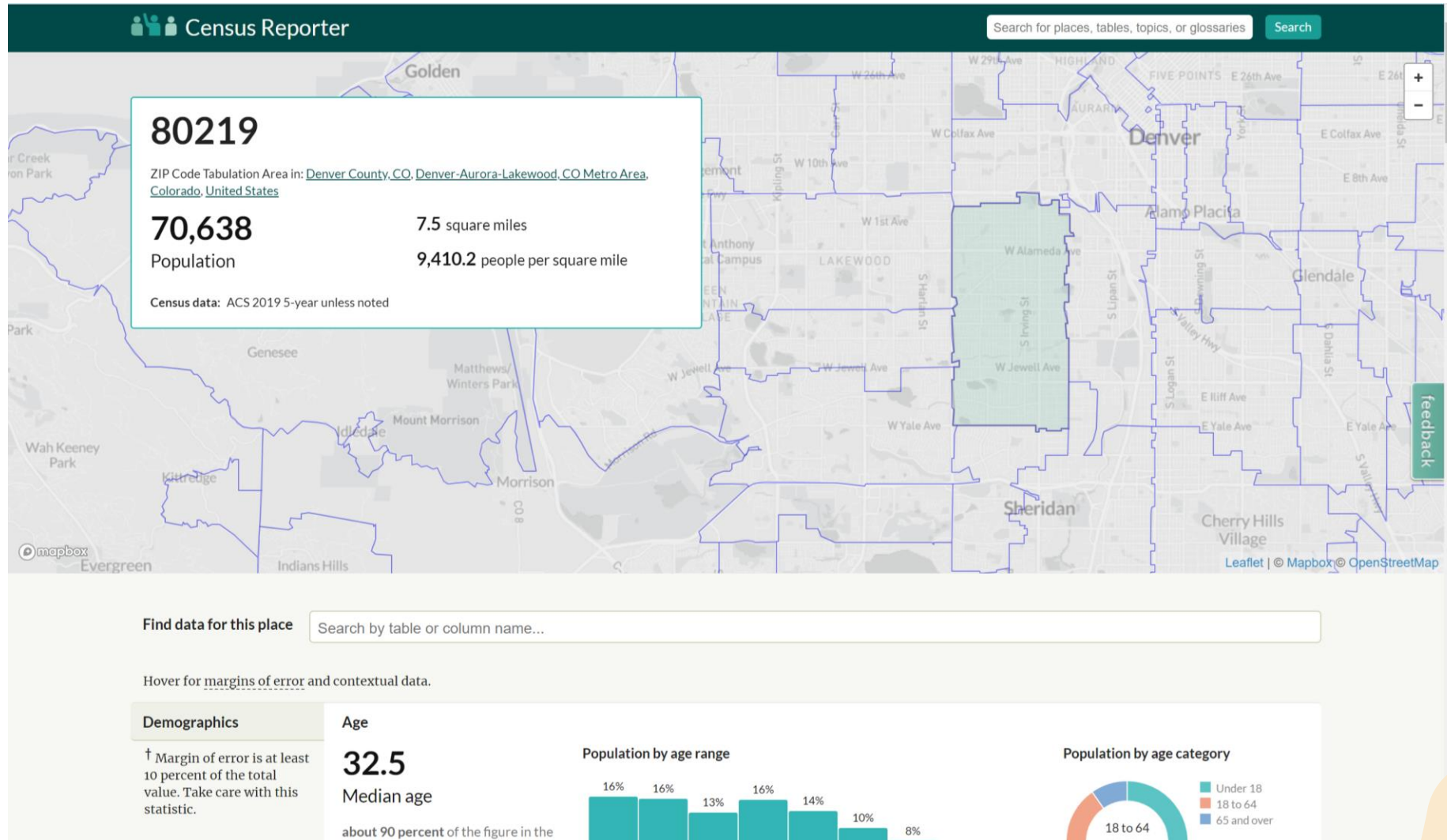
← High Impact Dashboard

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ZIP Code	Pop.	Density (Pop / Sq mi.)	InOn Health COVID Community Risk Index	CCVI	%BIPOC	%Black	%Hispanic	%Native	%Asian	%White	Median Age	Age 65+	County Vax Accel	County Vax Dose Rate
80219	70,638	8,165.2	758.29	0.73	77%	3%	69%	1%	4%	23%	33	10%	-1%	0.85
80010	42,807	7,203.6	688.00	0.72	78%	16%	51%	1%	7%	22%	31	8%	3%	0.74
80204	34,030	5,664.2	553.20	0.58	63%	7%	52%	1%	1%	37%	32	10%	-2%	0.89
80260	34,837	6,551.0	490.22	0.54	64%	2%	57%	0%	3%	36%	31	10%	10%	0.65
80910	31,445	4,963.6	431.16	0.72	56%	13%	36%	0%	3%	44%	30	11%	-9%	0.58
80247	29,264	8,653.2	341.44	0.59	54%	23%	19%	0%	6%	46%	36	18%	-1%	0.79
80205	35,054	6,367.6	327.85	0.53	51%	18%	26%	0%	1%	49%	33	7%	-1%	0.85
80012	52,588	5,999.6	324.15	0.59	67%	25%	32%	1%	5%	33%	33	11%	-1%	0.79
80239	47,829	4,058.1	315.24	0.59	88%	19%	61%	1%	3%	12%	30	6%	5%	0.75
80030	15,861	5,813.0	304.96	0.51	53%	3%	44%	1%	3%	47%	36	14%	10%	0.65
80017	37,668	5,864.1	245.97	0.38	63%	25%	27%	0%	5%	37%	32	8%	-0%	0.72
80229	55,532	3,768.3	234.42	0.54	63%	2%	55%	1%	3%	37%	32	8%	10%	0.65
80236	19,230	5,019.6	230.21	0.50	56%	2%	47%	0%	5%	44%	34	13%	-1%	0.79
80221	42,103	4,170.8	224.50	0.50	64%	2%	60%	0%	1%	36%	34	12%	5%	0.75
80203	21,392	17,557.3	218.72	0.42	24%	4%	12%	0%	4%	76%	33	9%	-1%	0.85

Filters

Community Level Health Equity Insights: ZIP Code Data on COVID-19 (2)



Neighborhood Level Health Equity Insights: Census Tract Data on COVID-19 (1)



Colorado

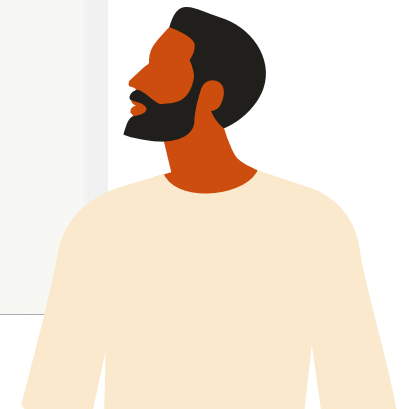
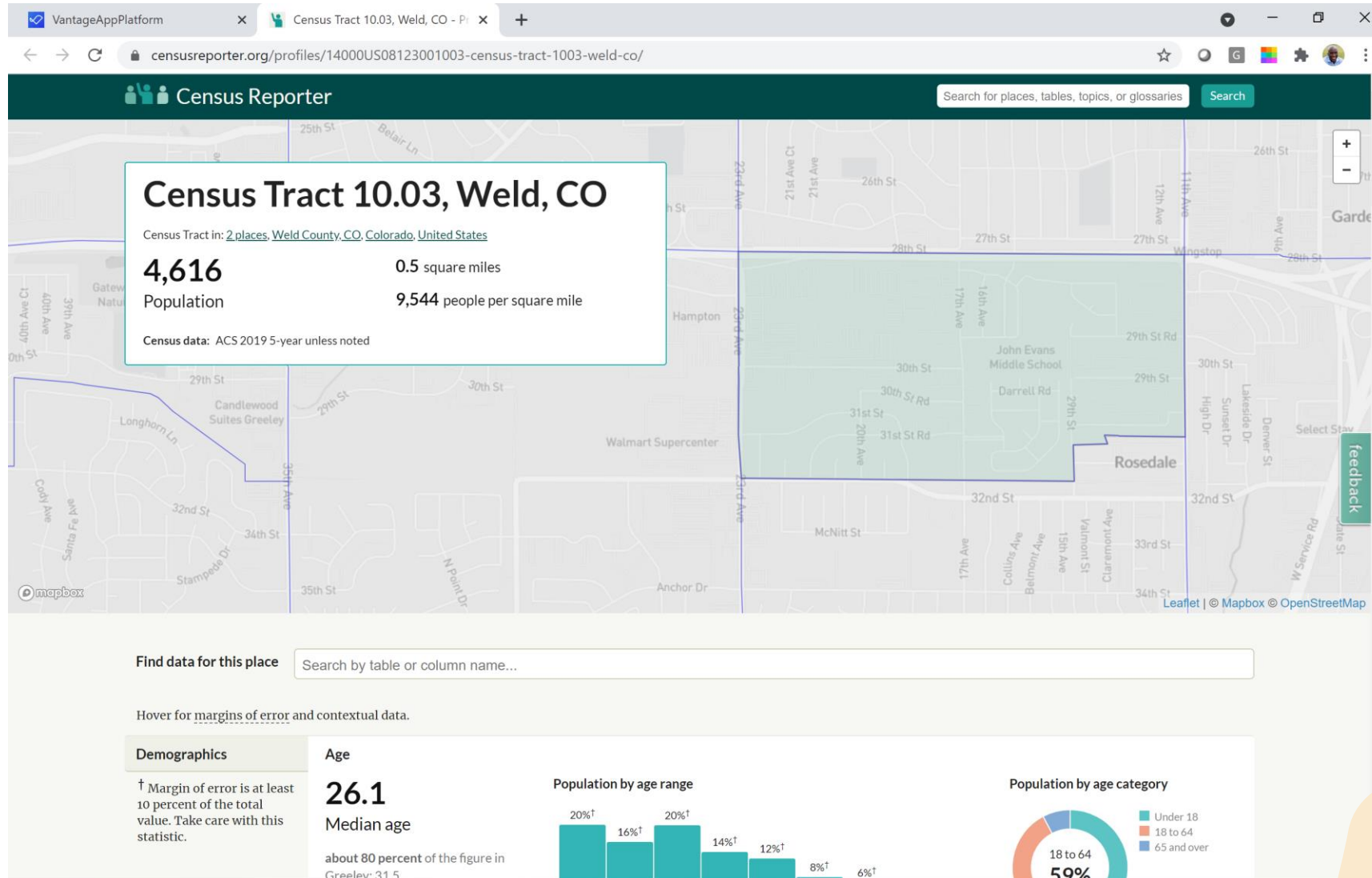
← High Impact Dashboard

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County	TractID	Pop.	Density (Pop / Sq mi.)	InOn Health COVID Community Risk Index	CCVI	%BIPOC	%Black	%Hispanic	%Native	%Asian	%White	Median Age	Age 65+	County Vax Accel	CoVax Rat
Weld	<u>10.03</u>	4,616	9,537.2	1,542.80	0.94	75%	6%	62%	1%	3%	25%	26	8%	-13%	
Weld	<u>2.00</u>	3,861	11,256.6	1,413.99	0.90	46%	3%	37%	1%	2%	54%	21	1%	-13%	
Weld	<u>5.01</u>	3,534	9,300.0	1,407.92	0.88	91%	3%	86%	0%	0%	9%	25	4%	-13%	
Pueblo	<u>3.00</u>	1,838	3,877.6	1,021.95		44%	14%	27%	2%	0%	56%	41	14%	-12%	
Pueblo	<u>9.05</u>	2,242	8,007.1	909.13	0.70	59%	9%	48%	1%	0%	41%	29	12%	-12%	
Pueblo	<u>10.00</u>	4,761	6,199.2	890.68	0.89	69%	1%	62%	5%	0%	31%	34	11%	-12%	
Pueblo	<u>21.00</u>	1,394	4,411.4	868.27	0.64	84%	3%	77%	0%	1%	16%	42	13%	-12%	
Pueblo	<u>26.00</u>	4,089	4,513.2	845.77	0.83	61%	4%	57%	0%	0%	39%	33	18%	-12%	
Larimer	<u>5.03</u>	6,379	12,783.6	805.48	0.46	34%	4%	18%	2%	6%	66%	22	3%	-18%	
Pueblo	<u>11.00</u>	2,169	3,987.1	731.82	0.69	76%	1%	74%	1%	0%	24%	44	16%	-12%	
Pueblo	<u>22.00</u>	1,577	5,136.8	697.24	0.76	56%	3%	49%	0%	0%	44%	36	13%	-12%	
Weld	<u>5.02</u>	3,684	7,044.0	641.91	0.93	72%	2%	67%	1%	1%	28%	29	7%	-13%	
Pueblo	<u>6.00</u>	1,920	5,501.4	608.31	0.75	63%	3%	50%	2%	5%	37%	39	14%	-12%	
Pueblo	<u>8.00</u>	3,130	3,888.2	597.03	0.67	70%	1%	64%	0%	1%	30%	35	10%	-12%	

Filters

Neighborhood Level Health Equity Insights: Census Tract Data on COVID-19 (2)



COVID Community Need Index – v1.1

$$\text{Need} = (1 - \text{Vaccination Rate}) * \text{CCVI} * \text{Equity Dimension(s)}$$

Vaccination rate

is the percent of people in the locality (e.g., Zip Code) who are currently *fully* vaccinated.
We are currently using the Vax Dose Rate as a proxy.

CCVI

is a modular index build on top of CDC's SVI to capture the multi-dimensionality of vulnerability spanning health, economic and social disadvantage

Equity Dimensions

Factors determined by planners which can include race/ethnicity, gender, urban/rural access and other factors



Health DesignED
Department of
Emergency Medicine



Health Equity: Closing gaps with inclusive and intentional innovation

Data & Analytics

- Remove data bias
- Ask the right questions
- Analyze data by equity dimensions

Resource Allocation

- Prioritize health equity
- Seek input from equity experts

Innovation

- Leverage accessible technology
- Track input by equity
- Keep iterating

**Let's Reduce Health Disparities through Equity
Driven Insights!**

THANK YOU!

CONTACT: kp@inonhealth.com





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EXECUTIVE SESSION ON COLORADO SUNSHINE LAWS, CONFLICT OF INTEREST, AND EHEALTH COMMISSION CHARTERS AND BYLAWS

LEEANN MORRILL, FIRST ASSISTANT ATTORNEY GENERAL



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**EHEALTH COMMISSIONERS- PLEASE USE YOUR
SEPARATE ZOOM LINK TO ACCESS THE EXECUTIVE
SESSION**

**RETURN BACK TO THE REGULAR EHEALTH
COMMISSION MEETING AT 1:35 PM**



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EHEALTH COMMISSION CHARTER AND BYLAWS DISCUSSION AND VOTE

MICHELLE MILLS, CHAIR

- [Updated eHealth Commission Charter & Bylaws April 2021](#)
- Summary of changes recommended after legal review:
 - General language clean up
 - Director of OeHI, changed to Ex-Officio Non-voting member
 - The State Agency Executive Director appointees, changed to Ex-Officio Voting Members
 - Non-voting commissioner details added that include:
 - OeHI Director and eHealth Commission advisors, whose terms are expired and invited to continue serving, currently this is limited to representatives from CORHIO, QHN, and CCMCN.
 - Next update in October to contain more details on eHealth Commission Advisors
- Total number of members is 15, with between 4 and 10 non state employee members and 5 member represented by state agencies including OeHI
- Current number of voting members is 12 with 2 open seats

Note: If you are experiencing audio or presentation difficulties during this meeting, please text 203-521-5910.



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PUBLIC COMMENT PERIOD



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CLOSING REMARKS