

# EWB Low Income Workgroup

April 7, 2022



# Agenda

Welcome and Introductions

Brad Banks, MPSC

Social Determinants of Health

Ninah Sasy

Director, Policy and Planning

Michigan Department of Health and Human Services

AAAS SciTech and Human Rights FutureGen Scholars Grant

Margaret Sanders

University of Connecticut

College of Agriculture, Health and Natural Resources

ACEEE State Scorecard

Amanda Dewey

Weston Berg

American Council for an Energy Efficient Economy



# **Social Determinants of Health Strategy**

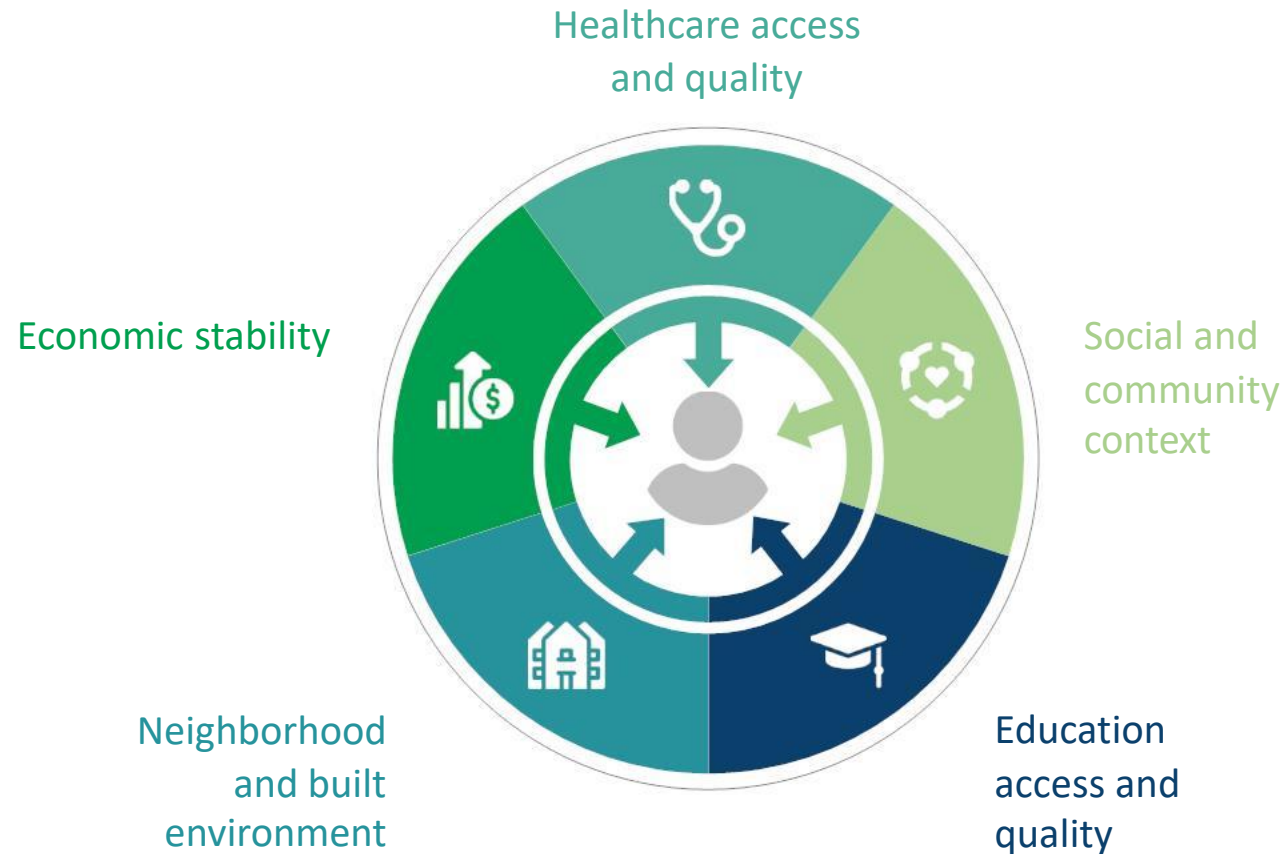
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MDHHS Policy and Planning

# Social Determinants of Health

Social Determinants of Health are the conditions in which people are **born, grow, live, work, and age** that shape health.

Source: "About Social Determinants of Health," World Health Organization, accessed December 12, 2019, [http://www.who.int/social\\_determinants/sdh\\_definition/en/](http://www.who.int/social_determinants/sdh_definition/en/)



# Building bridges for collaboration



- COVID-19 Racial Disparities Task Force Recommendations
- Poverty Task Force
- Michigan State Housing Plan
- LARA Low Income Workgroup
- State agency partners including MSHDA, MDE, LEO, LARA, and EGLE
- Local and community partners
- Health Care Organizations

# MDHHS 2022 Social Determinants of Health Strategy Focus Areas



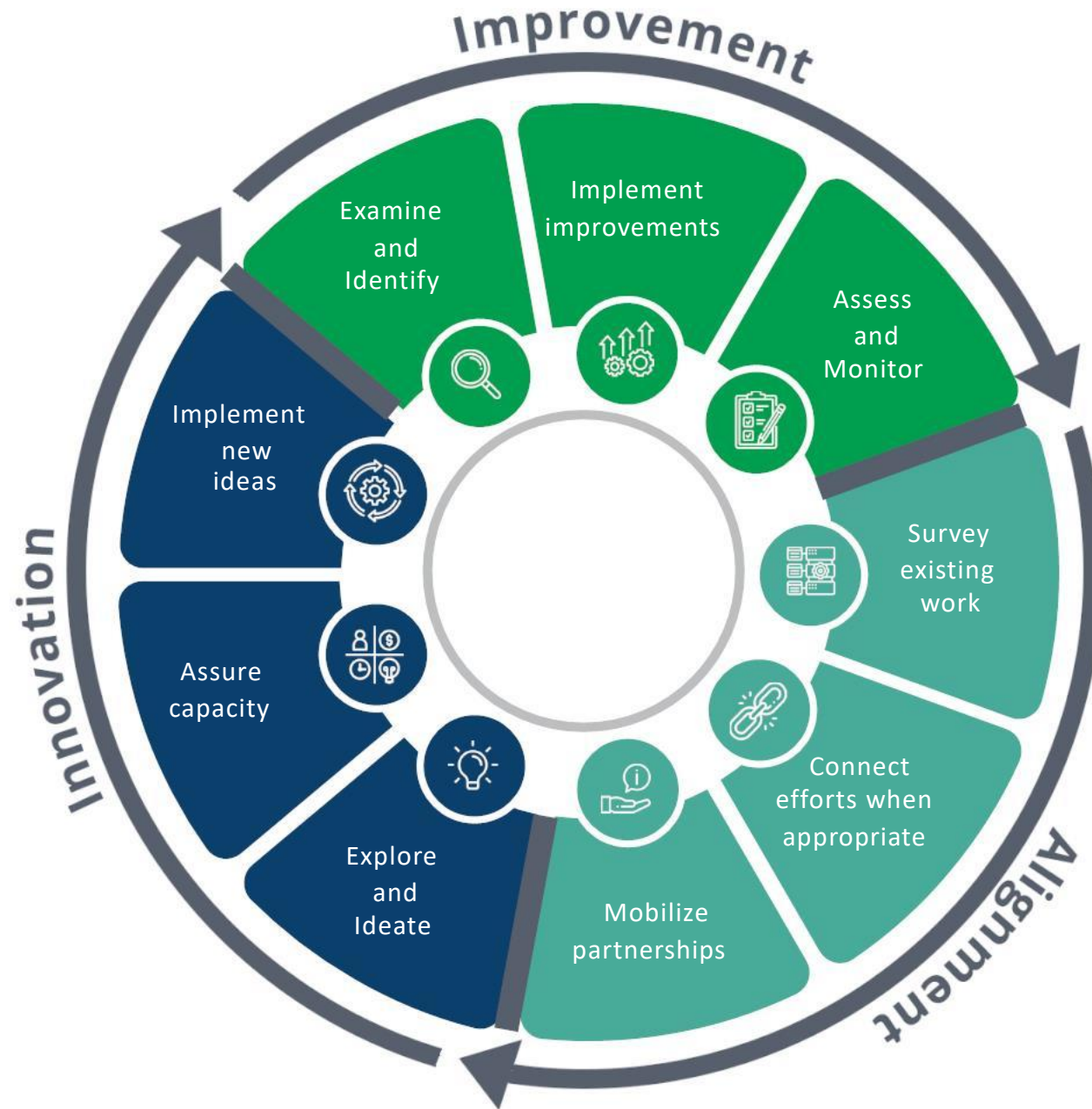
**HEALTH EQUITY** means that everyone has a fair and just opportunity to be as healthy as possible.

*- Robert Wood Johnson Foundation*

**HOUSING STABILITY** means that all people, at all times, have physical, social, and economic access to safe, sufficient, and secure housing that meets their needs for a healthy life.

**FOOD SECURITY** means that all people, at all times, have physical, social, and economic access to sufficient, safe, and nutritious food that meets their food preferences and dietary needs for an active and healthy life.

# Approaches to Address Focus Areas





# Housing Stability Priorities



Supporting  
populations made  
vulnerable to  
housing instability



Holistic approaches  
to healthy housing



Addressing housing  
access for people  
experiencing  
homelessness



# Food Security Priorities



Supporting  
people made  
vulnerable to  
food insecurity



Streamlining  
processes to  
improve access  
to food benefits



Alignment on  
key food  
security reforms

# Health Equity Priorities



Supporting  
populations made  
vulnerable to adverse  
health outcomes



Improving MDHHS-driven  
equity programs and  
policies



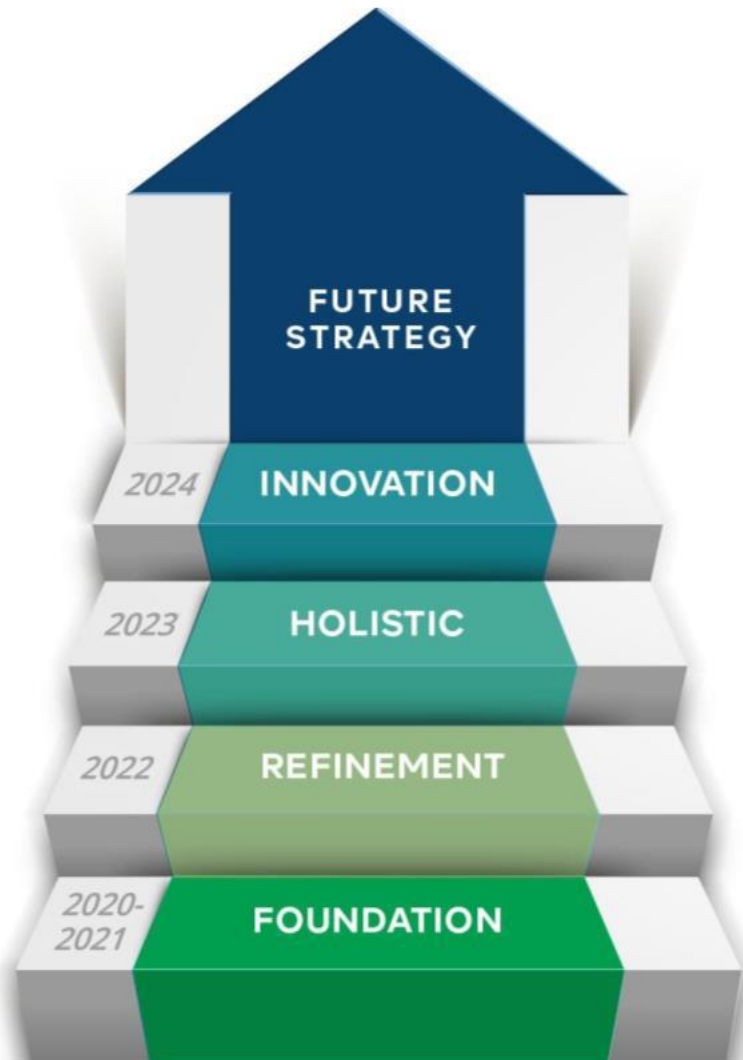
Strengthening  
community  
engagement to  
support community-  
driven initiatives

SDOH, such as food security and a lack of housing, effects the overall physical health of an individual, depicted below:



**Data** plays an integral role in serving an individual and is necessary to collect from different systems and programs to provide evidence-based care coordination and alignment of services, depicted above.

# Steps to Building the SDOH Strategy



**INNOVATION:** MDHHS develops cross-cutting solutions that support community-driven initiatives. Proposals for Change and grant applications will reflect these efforts.

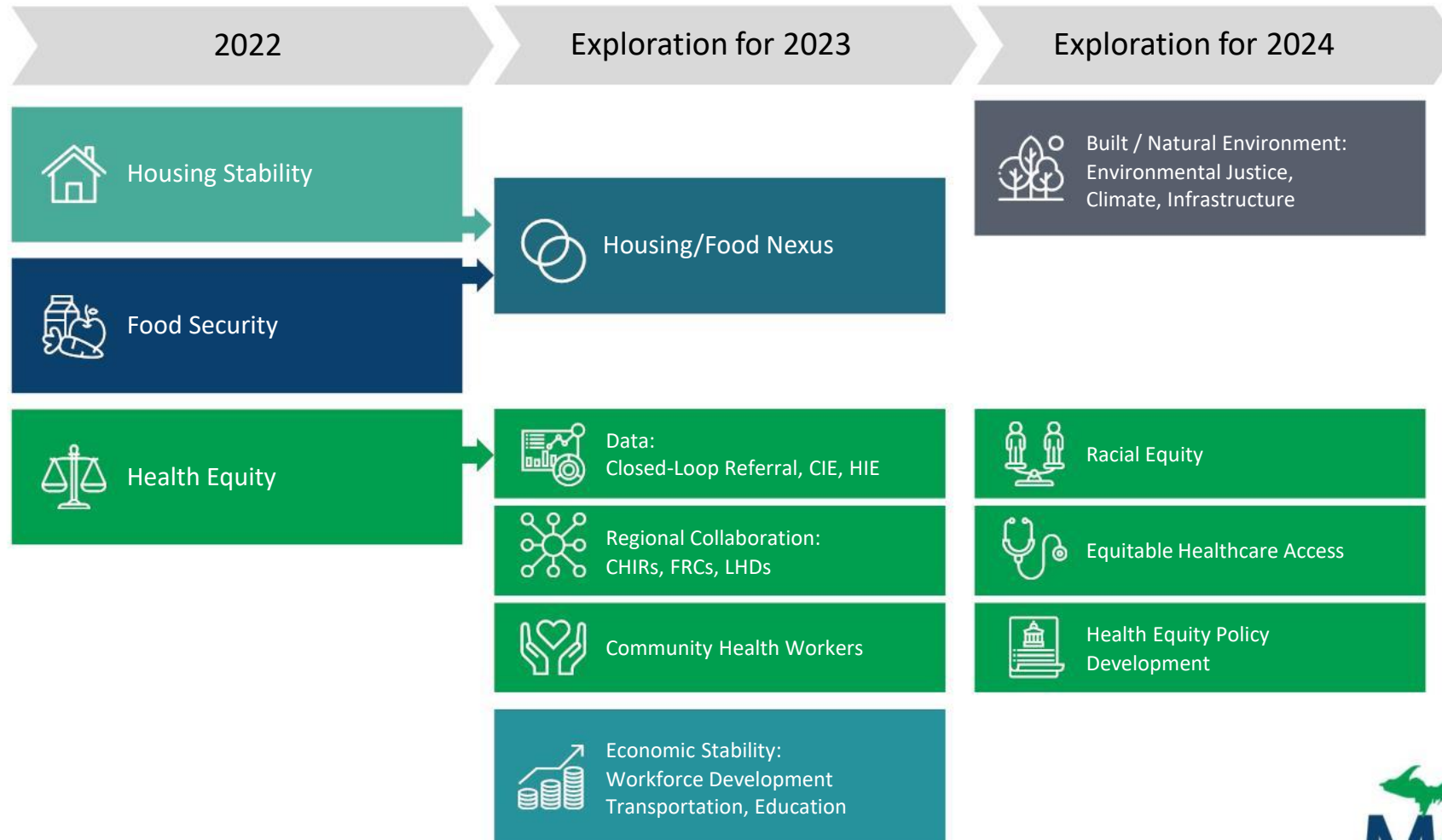
**HOLISTIC:** MDHHS continues to build a robust strategy through engagement of stakeholders throughout Michigan. Collaboration will support a holistic approach.

**REFINEMENT:** MDHHS aligns activities in the 2020 strategy to develop focus areas and strategic objectives. The key is alignment and process improvement.

**FOUNDATION:** MDHHS developed activities to support social determinants of health efforts and COVID-19 response efforts.

# Domains to Explore

Looking ahead to 2023-2024



# Implementation of the Strategy



# Engagement Opportunities

Stay involved with implementation and expansion efforts



**Sign up for  
the SDOH  
newsletter**



**Join ongoing  
stakeholder  
meetings**



**Provide  
feedback  
via survey**

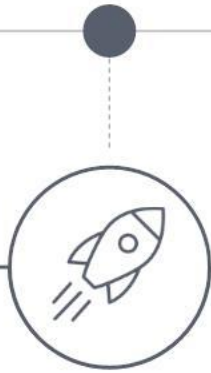


**Visit the  
website**



# Upcoming key dates

April 5



Launch SDOH  
Strategy

Webinar with external  
partners

April 13



Housing  
Stability  
Stakeholder  
Meeting

May 11



Food Security  
Stakeholder  
Meeting

TBD



Health Equity  
Brainstorming  
Session

# Questions & Comments

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Please type your question in the chat or raise your  
hand to ask a question

# SciTech and Human Rights FutureGen Scholars

American Association for the Advancement of Science (AAAS)

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**Margaret Sanders**

University of Connecticut

B.S. Natural Resources and the Environment  
Minor in Human Rights

# About the Program

Each year, the AAAS Science and Human Rights Coalition invites applications from undergraduate and graduate students to become [SciTech and Human Rights FutureGen Scholars](#). This initiative aims to support students who present a well-defined goal and innovative plan of action for addressing the intersection of SciTech and Human Rights on their campus or in their community.



Science and Human  
Rights Coalition

# Recalling the Past to Shape the Future

- \$5,000 grant-funded oral history project that explores the life histories of member of diverse and historically underserved communities within Connecticut and their experiences as environmental advocates and activists
  - LGBTQIA+
  - Black, Indigenous, and people of color (BIPOC)
  - Differently-abled individuals
  - Women in STEM
- [Asset-based](#) model
- IRB exempt due to oral history

# Grant Funding Expenses

- Compensation for respondents' time
- Travel costs to meet with respondents
- Donations to respondents' nonprofit organization of choice
  - Save the Sound
  - Natural Resources Conservation Academy
  - Connecticut Coalition for Environmental Justice
- Technology to collect and edit interviews, transcription services, and website fees

# Final Deliverable Goals

- Compile narratives as an intergenerational tool central to UConn-supported Extension programs in science, technology, engineering and math (STEM) as a freely accessible website
- Ensure that *a//* individuals understand the impact that they can make in the environmental field
- Create a culturally relevant pedagogy tool that helps decolonize the environmental movement by actively representing and uplifting the work of people whose backgrounds represent students' life experiences



# Final Deliverable Implementation

- Website hosted by a UConn Extension environmental organization, [Natural Resources Conservation Academy](#) (NRCA)
  - Includes audio footage
  - Transcription of interviews
  - Description and image of respondents
- Utilized as an educational resource by the NRCA and advertised by UConn



# Oral History Examples

- “The ocean; it’s my passion, it’s my life, it’s who I am” - Danny Osorio
- “In community together, we must imagine, dream, and build transformative new systems that are grounded in mutual aid, justice, and restoration that allow people and the planet to thrive” - Liz Jacob
- "In community together, we must imagine, dream, and build transformative new systems that are grounded in mutual aid, justice, and restoration that allow people and the planet to thrive" - Sharon Lewis

# Thank You

- Investing in communities and the individuals' identities in those communities encourages civic-mindedness
- Utilizing an asset-based approach is empowering
- Showcasing culturally relevant materials cultivates critical thinking and problem solving skills in youth and adults

# ACEEE's State Energy Efficiency Scorecard: Michigan Highlights & Leading with Equity Next Steps

ACEEE Presentation  
April 7, 2022

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The American Council for an Energy-Efficient Economy is a nonprofit 501(c)(3) founded in 1980. We act as a catalyst to advance energy efficiency policies, programs, technologies, investments, & behaviors.

Our research explores economic impacts, financing options, behavior changes, program design, and utility planning, as well as US national, state, & local policy.

Our work is made possible by foundation funding, contracts, government grants, and conference revenue.

[aceee.org](http://aceee.org) @ACEEEdc

**ACEEE::**  
American Council for an Energy-Efficient Economy



# State Scorecard goals

1. Provide an annual benchmark of state energy efficiency policies and progress
2. Offer a comparative tool to direct states toward efficiency policies, best practices, and case studies from high-ranking states and regional neighbors



Photo credit: Idaho Office of Energy and Mineral Resources



Photo credit: MA Department of Energy Resources

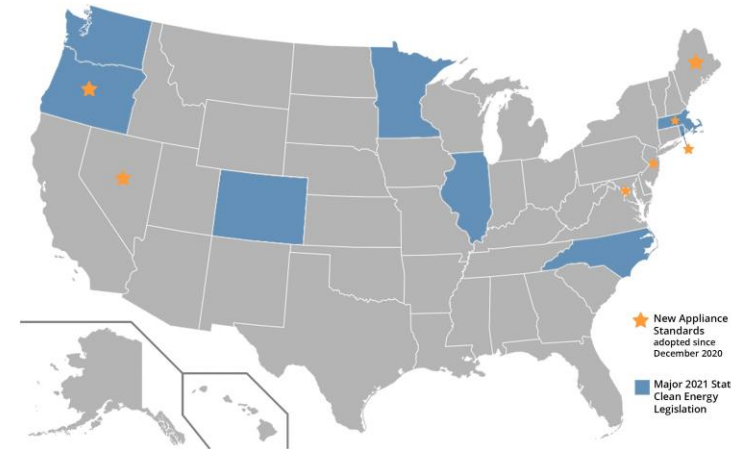


Photo credit: West Virginia Office of Energy

# 2021 State Policy Trends

- New energy laws set ambitious goals to decarbonize state economies with electrification as a growing priority (IL, CO, MA, MN, OR, WA)
- Legislative focus on removing barriers to **beneficial electrification**
  - MN's ECO Act
  - Illinois Climate & Equitable Jobs Act
  - Colorado's SB21-246
- **Building energy codes**
  - Increasing adoption of 2018 IECC
  - 2021 IECC code review underway in many states (CT, IL, MD, MA, NJ, NY, VT)
  - Plans ongoing to develop ambitious statewide stretch codes in MA and IL
- Very active year for **appliance standards** adoption
  - Six states, including Rhode Island, requiring minimum energy/water use efficiency for 15+ types of products
- Historic opportunity to support clean energy transition
  - \$1 trillion Bipartisan Infrastructure Law provides billions in funding for weatherization, building energy codes, home & building upgrades, worker training, & transportation electrification.

## 2021 Major State Clean Energy Legislation & Appliance Standards





Year	Historic Rank
2020	13
2019	13
2018	11
2017	11
2016	11
2015	14
2014	12
2013	12
2012	12
2011	17
2010	27
2009	34
2008	38
2007	33

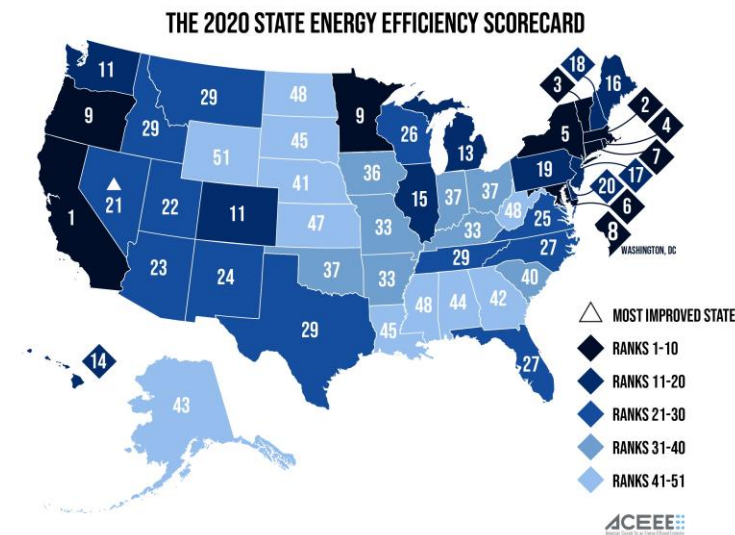
# Michigan in the State Scorecard

- Scored 28.5 out of 50 points to finish in 13<sup>th</sup> in 2020
- 2020 utility electric savings: 1.63% (ranked 8<sup>th</sup>)
- 2020 utility natural gas savings: 1.33% (ranked 2<sup>nd</sup>)

Scoring Category	2020 Point total	Change from 2019
Utilities	13 (out of 20)	-1
Transportation	5.5 (out of 10)	+2
Building Energy Policies	6.5 (out of 9)	+0.5
State Government-Led	3.5 (out of 6)	-0.5
Appliance Standards	0 (out of 2)	No change
Total	28.5 (out of 50)	No change*

\*reflects removal of CHP category in which MI received 1 points in 2019

*Note: Forthcoming 2022 State Energy Efficiency Scorecard will include a reimagined methodology including **15 new scoring metrics** with an expanded focus on decarbonization, electrification, and equity.*

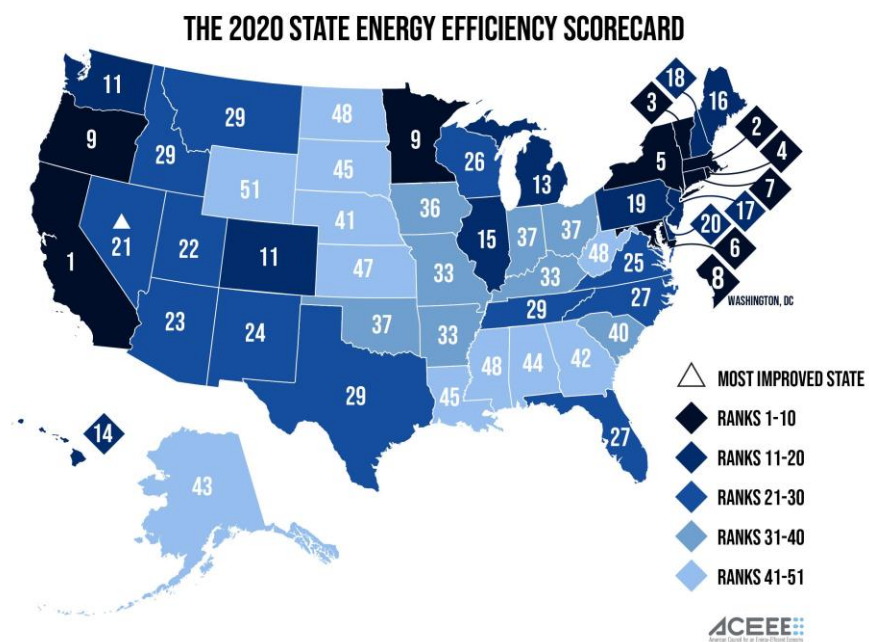


# 2020 Scoring Methodology

Policy areas and metrics	Maximum score	% of total points
Utility and public benefits programs and policies	20	40%
Incremental savings from electricity efficiency programs	7	14%
Incremental savings from natural gas and fuels efficiency programs	3	6%
Spending on electricity efficiency programs	2.5	5%
Spending on natural gas efficiency programs	1.5	3%
Large-customer opt-out programs*	(-1)	NA
Energy efficiency resource standards (EERS)	3	6%
Performance incentives and fixed-cost recovery	2	4%
Support of low-income energy efficiency programs	1	2%
Transportation policies	12	24%
GHG tailpipe emissions standards	1.5	3%
Electric vehicle (EV) registrations	1	2%
EV fees	1	2%
Electric vehicle supply equipment (EVSE)	1	2%
High-efficiency vehicle consumer incentives	0.5	1%
Targets to reduce vehicle miles traveled (VMT)	1	2%
Change in VMT	1	2%
Integration of transportation and land-use planning	1	2%
Complete streets policies	0.5	1%
Transit funding	1	2%
Transit legislation	0.5	1%
Freight system efficiency goals	1	2%
Equitable transportation policies	1	2%

Policy areas and metrics	Maximum score	% of total points
Building energy efficiency policies	9	18%
Level of code stringency	4	8%
Code compliance study	1	2%
Code enforcement activities	1	2%
Energy transparency policies	1	2%
Residential energy labeling	0.5	1%
Existing buildings standards	1	2%
Zero-energy buildings	0.5	1%
State government initiatives	6	12%
Financial incentives	2.5	5%
Lead-by-example efforts in state facilities and fleets	2	4%
Carbon pricing	1.5	3%
Appliance and equipment efficiency standards	3	6%
Maximum total score	50	100%

# 2022 State Scorecard Priorities



- Return in 2022 with reimagined scoring methodology
- Highlight efforts to align efficiency policies with state climate initiatives
  - realign point allocations around potential avoided GHG from EE
  - Update EE rules to support beneficial electrification
- Expand focus on advancing equity in clean energy and efficiency planning
  - As grid decarbonizes EE offers important affordability benefits

The background features a collage of financial data visualizations. In the top left, there is a bar chart with blue bars of varying heights. Below it is a line graph with a blue line showing an upward trend. To the left of the central text box is a donut chart with segments labeled 18%, 6%, 7%, and 14%. In the bottom right, another donut chart is visible with segments labeled 13%, 18%, 6%, 7%, 15%, and 14%. A silver pen lies diagonally across the top right, resting on a blue calculator with white numbers. The central text is overlaid on a dark grey rectangular box.

# ACEEE's Leading with Equity Initiative





## An Equitable Energy System...



Institutionalizes accountability for achieving equitable outcomes from government, utilities, and other stakeholders



Embeds inclusive, accessible, and authentic community engagement in the development of policies and programs



Recognizes and addresses historical, cultural, and institutional dynamics and structures that created past and current inequities



Ensures representation, power, and influence from community members and/or environmental justice advocates in decision-making and implementation processes



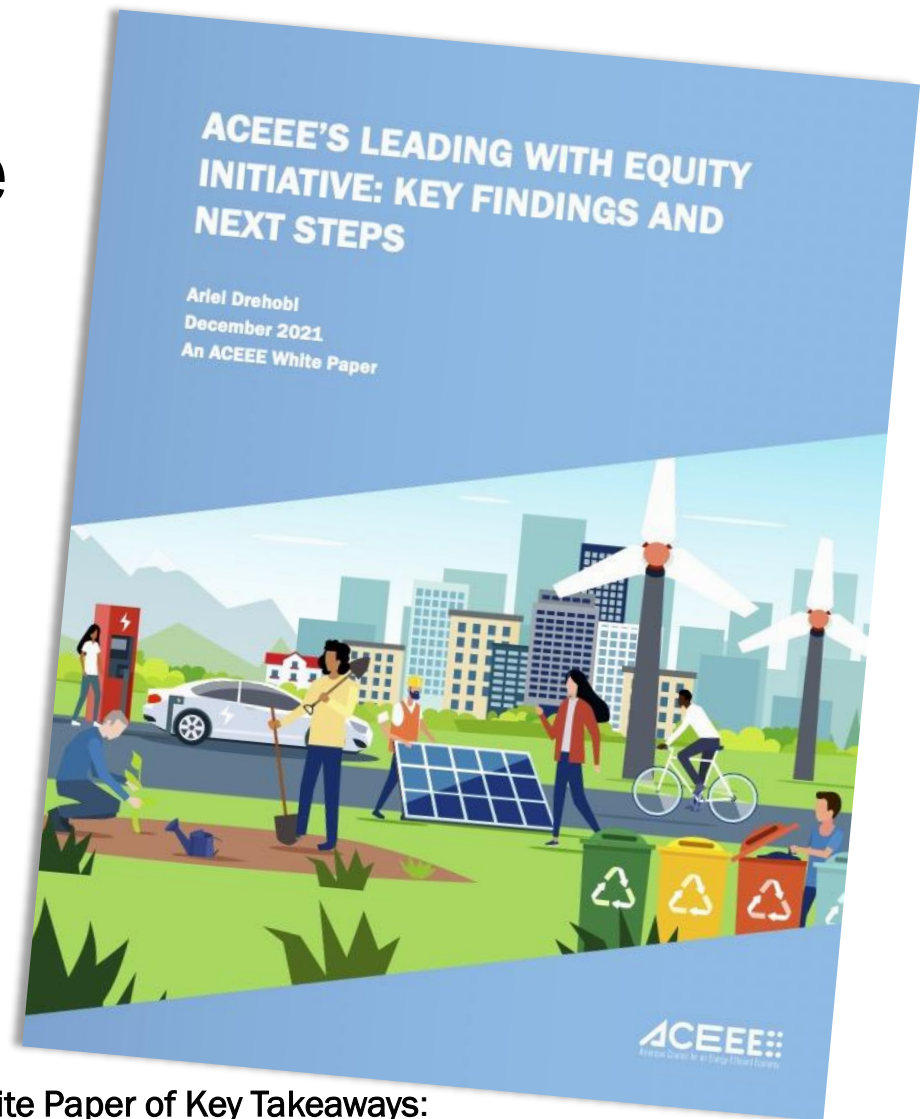
Considers intergenerational impacts and does not create policies or programs that unjustly burden future generations



Achieves a fair distribution of opportunities, benefits, and burdens for all communities

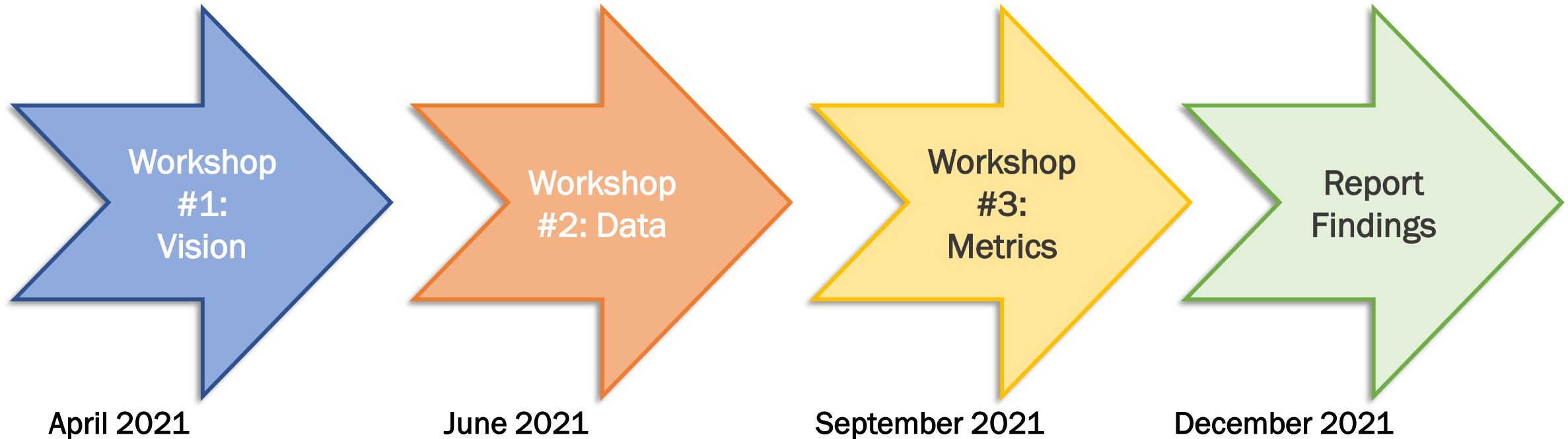
# ACEEE's Leading with Equity Initiative

- Feedback that the leaders in Scorecards are not doing enough to advance equitable policies or programs
- Overall goal to ensure that all cities, states, and utilities leading in the Scorecards must be leading across equity-focused metrics
- Designed so that community-based organizations (CBOs) are helping to drive the development of a full landscape of improved equity-related metrics



- White Paper of Key Takeaways:  
[aceee.org/white-paper/2021/12/aceees-leading-equity-initiative](https://aceee.org/white-paper/2021/12/aceees-leading-equity-initiative)
- Sign up for Newsletter updates:  
[survey.alchemer.com/s3/6168745/ACEEE-LWE-Interest-Form](https://survey.alchemer.com/s3/6168745/ACEEE-LWE-Interest-Form)

# 2021 Workshop Process





# Key Takeaways on Equity Data

- Need to change how we define and measure the success of clean energy programs, (i.e., not only energy savings but broader health & wealth outcomes)
- More robust demographic data (i.e., race and ethnicity), location data, and workforce data needed
- Regulators have a key role to play to help leverage data, such as by requiring and/or standardizing rules around data access, data sharing, and utility equity-related goals
- Need for more equitable representation in decision-making processes, both in stakeholder processes and in those who are making decisions (i.e., gov staff, public utility commissions, utility staff)
- CBOs and advocates identified a disconnect between the best practices for equitable policies and outcomes lauded by ACEEE's scorecards and other industry recognition and the experience of folks on the ground
- Transparency and accountability are key.

# Prioritized Equity-Related Metric Categories

that emerged from the Leading with Equity workshop series

## Procedural Equity Metrics

- Defining impacted communities
- Equitable engagement processes
- Compensation for engagement
- Language access

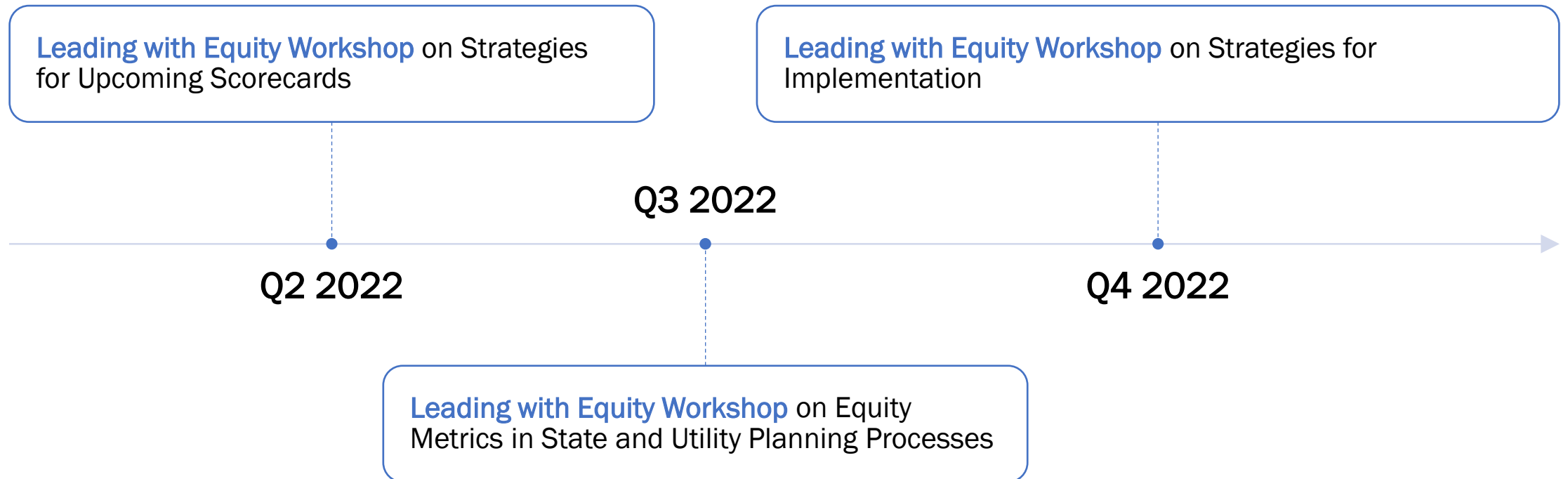
## Distributional Equity Metrics

- Energy affordability goals and progress
- Accountability to measuring and ensuring equitable access to program resources
- Equitable distribution of all benefits
- Data on disconnections and energy access

## Structural Equity Metrics

- Consumer protections
- Data access and transparency
- Community wealth building policy and outcomes
- Benchmarks and evaluations

# Timeline of Next Steps







# Reimagining the 2022 State Scorecard

Overview of current and planned metrics

# 2022 New Scoring Categories

Equity-focus	New Proposed 2022 Scoring Categories	Proposed Points
	<b>Utilities</b>	
	(New) Inclusion of NEBs in C/E tests	0.5
✓	(New) Geographic Tracking of Distribution of Program Participation & Health/Pollution Impacts	1
✓	(New) Intervenor compensation	0.5
	<b>Transportation</b>	
✓	(New) Equitable transportation electrification	1
	<b>Buildings</b>	
	(New) Stretch Code Adoption	1
	(New) Fuel Switching Enabling Policies	1
✓	(New) Minimum Energy Performance Standards for State Housing Agency-Funded Projects	1
✓	(New) State Efforts to Remediate Health/Safety Deficiency Barriers to Weatherization in Low-Income Households	1
✓	(New) ZEBs and Electrification in Affordable Housing/Construction	1
	<b>State Government-Led / Cross-Cutting</b>	
✓	(New) Dedication of carbon pricing revenues to EE Equity Initiatives	0.5
✓	(New) Statewide energy affordability or energy justice goal	0.5
✓	(New) Equity Task Force or Dedicated Staff to Equity Concerns	0.5
	<b>Industry</b>	
	(New) Statewide Strategic Energy Management (I-SEM) Program	1
	(New) Industrial Decarbonization Target or Clean Heat Standard	1
✓	(New) State-supported Job Training for Industrial EE	0.5
	<b>Total</b>	<b>10</b>



# Buildings Policies

New Proposed 2022 Scoring Categories	Proposed Points
(New) Stretch Code Adoption	1
(New) Fuel Switching Enabling Policies	1

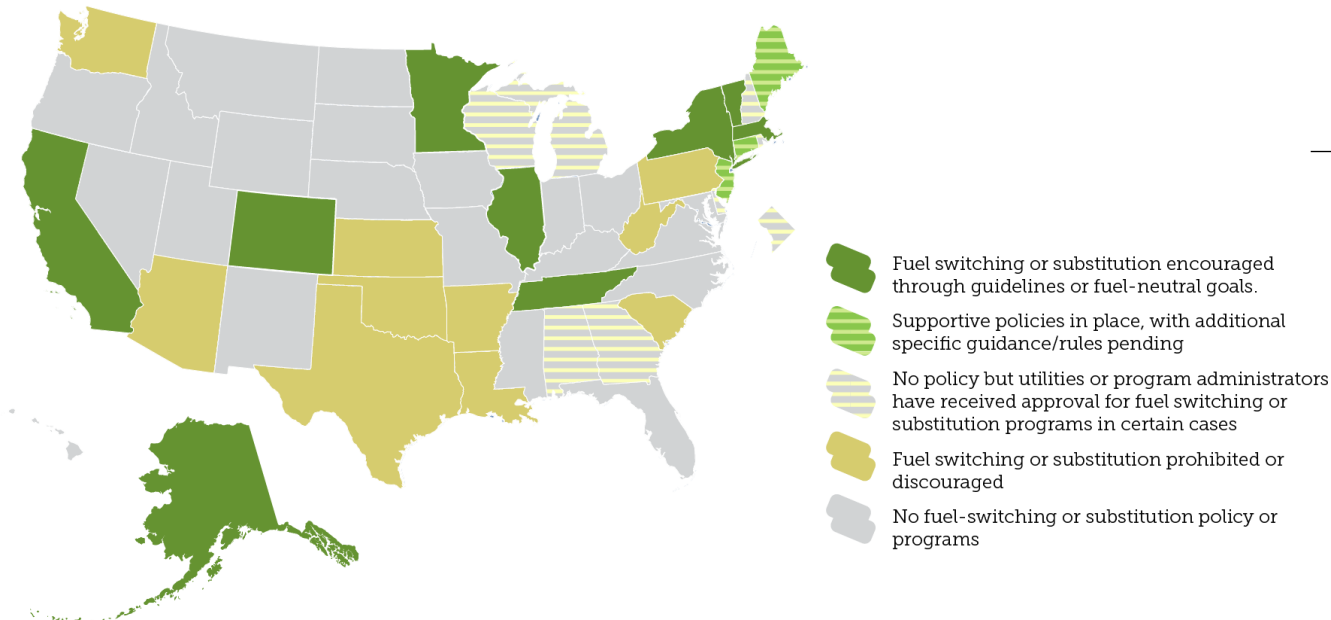
- **Stretch code adoption**

- Includes energy provisions or alternative compliance path that is more aggressive than the base code
- Helps accelerate market acceptance and adoption of more stringent EE codes in the future
- Would award points on strength of stretch code, with potential negative points for states prohibiting adoption of local codes stronger than the base code

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- **Fuel switching-enabling policies**

- Aligns EE rules with efforts to achieve GHG reductions through beneficial electrification
  - Examples: Minnesota's ECO Act, Illinois CEJA, Colorado SB21-246
- Awards points for states that have established clear rules defining eligible use of EE funds for fuel switching
- Potential negative points for statutory prohibition of using EE funds for fuel switching



# Buildings Policies - Equity

Proposed 2022 Equity-Focused Scoring Categories	Proposed Points
(New) Minimum Energy Performance Standards for State Housing Agency-Funded Projects	1
(New) State Efforts to Remediate Health/Safety Deficiency Barriers to Weatherization in Low-Income Households	1



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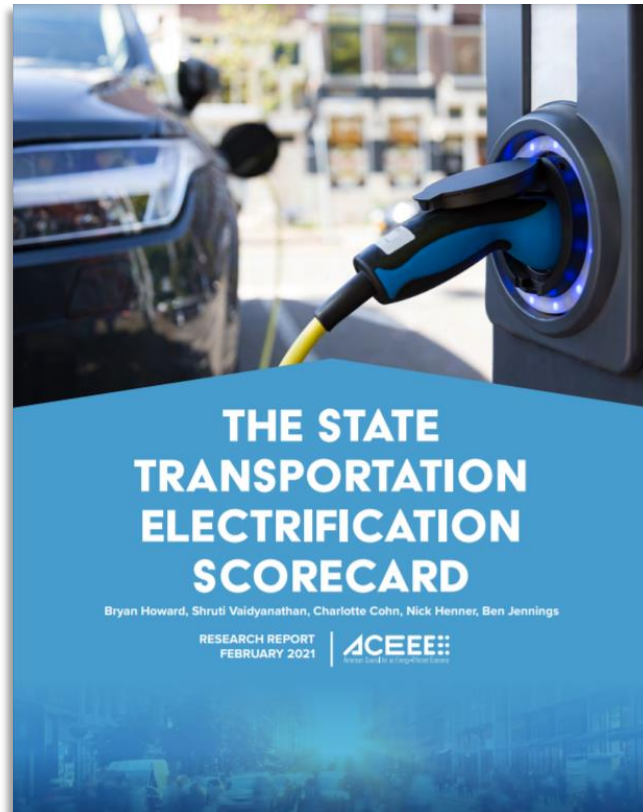
- **Minimum standards for new construction and rehabilitation projects**
  - minimum Home Energy Rating System (HERS) score or ENERGY STAR certification
  - State-specific standards
- **Home remediation and pre-WAP programs**
  - 10-15% of households are deferred due to safety concerns or other structural issue

- **Minnesota ECO Act**
  - allows utilities to spend a limited amount of their CIP funds on “pre-weatherization measures”
- **Delaware**
  - **Pre-Weatherization Program (Pre-WAP):** developed in order to serve clients that would otherwise be deferred by WAP due to the condition of the client’s home
  - **Lead-Free Healthy Homes Program**

# Transportation Policies

Proposed 2022 Equity-Focused Scoring Categories	Proposed Points
(New) Equitable transportation electrification	1

- Households of color and low-income face higher transportation costs and health impacts
- risks that TE will reinforce existing racial and economic inequities
- CA, NY, WA, and DC only jurisdictions with explicit funding streams to increase EV adoption in low-income/EJ communities
- low/moderate-income spending carve-outs in utility EV budgets



- **NY EV Make-Ready Initiative**
  - targets 50,000 new EV charging stations by 2025
  - \$206 million low-income set-aside



# Utility and Public Benefits Programs and Policies - Equity

Proposed 2022 Equity-Focused Scoring Categories	Proposed Points
(New) Equity-focused tracking of program participation/impacts	1
(New) Intervenor compensation	0.5

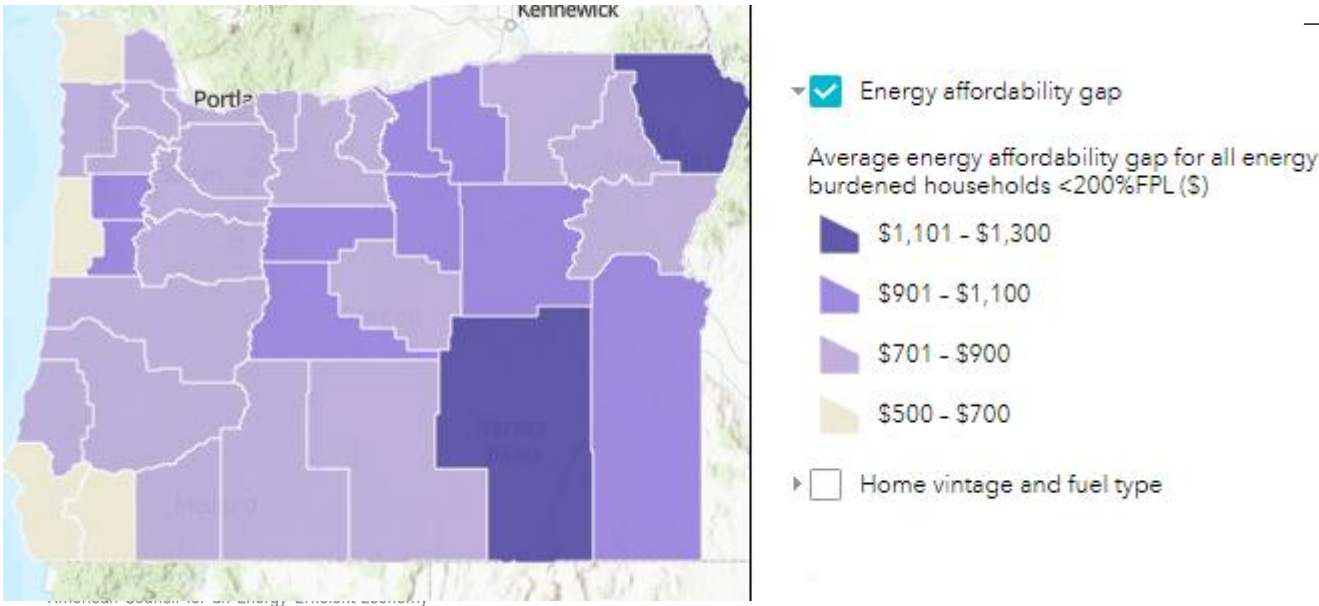
## Equity-focused tracking of program participation/impacts

- Data reporting policies are in place for the purpose of measuring access, participation, and benefits from clean energy programs
- transparent and easily accessible
- Examples of key metrics:
  - High energy bills, health and safety issues, housing type

## Intervenor compensation

- Participation in utility regulatory proceedings can be expensive and time-consuming
- 11 states have legislation / rules allowing intervenor compensation to support public participation in proceedings

- Oregon Energy Affordability Act (2021)
- California Intervenor Compensation Program
- MI Utility Consumer Participation Board



# State Government-Led / Cross-cutting

Proposed 2022 Equity-Focused Scoring Categories	Proposed Points
(New) Dedication of carbon pricing revenues to EE Equity Initiatives	0.5
(New) Statewide energy affordability or energy justice goal	0.5
(New) Equity Task Force or Dedicated Staff to Equity Concerns	0.5



- Ensuring equity in carbon pricing initiatives
  - Virginia: Dedicating half of RGGI proceeds to low-income EE
- Statewide energy affordability/EJ goal
  - WA Clean Energy Transformation Act (CETA) prioritizes low-income EE funding for high energy burdens (>6%)
  - 2016 NY PUC Order targeting energy burden of >6% for low-income households
- Strengthen engagement with EJ communities
  - CT Equitable Energy Efficiency (E3) Proceeding
  - Michigan PSC - Energy Affordability and Accessibility Collaborative
  - CA Disadvantaged Communities Advisory Group

# Industry – Building an Inclusive Workforce

Proposed 2022 Equity-Focused Scoring Categories	Proposed Points
(New) Supporting Equity & Diversity in the Clean Energy Workforce	0.5



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- Engage underrepresented groups with training and internship programs.
- Focus on supplier diversity and inclusive procurement.
- Forge partnerships with state agencies and skills training providers.

## New York

- NYSERDA Workforce Training Investment Plan

## Tennessee

- TVA Building Figures Contractor and Workforce Development Program

# 2022 Estimated State Scorecard Timeline

- **April 2022:** Anticipated data request distribution to SEOs
- **May/June:** Responses back from SEOs
- **July/August:** External review of Scorecard and database updated
- **Fall of 2022:** Report published!



# Discussion

# Resources

- *State Energy Efficiency Scorecard: 2021 Progress Report*, state score sheets ([aceee.org/research-report/u2201](https://www.aceee.org/research-report/u2201))
- Leading with Equity Initiative ([aceee.org/energy-equity-initiative](https://www.aceee.org/energy-equity-initiative))
- State and Local Policy Database (<http://database.aceee.org/>)

# Close & Adjourn

Thank You!



Michigan Public Service Commission