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# Update on NCVHS Measurement Framework Implementation Work

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**May 16, 2018 | 2:00pm– 2:30pm EST**

*National Committee on Vital and Health Statistics Committee Meeting*

CONVENED BY



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## Overview of Work To-Date

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## NCVHS Measurement Framework for Community Health and Well-Being, V4

This document was developed by the NCVHS Population Health Subcommittee drawing from a wide range of evidence, including an environmental scan conducted by the Committee, and with input from the public through a year-long, iterative process. This version of the Framework incorporates feedback received during the NCVHS Population Health workshop held in September 2016. In its capacity as a Federal Advisory Committee, the Committee has turned over the Framework to a non-governmental organization (NGO) whose leadership volunteered to steward its ongoing development, maturation, pilot, implementation and ongoing refinement in collaboration with federal, state, local governmental and non-governmental organizations. For questions, please contact NCVHS at [ncvhsmail@cdc.gov](mailto:ncvhsmail@cdc.gov).

<https://www.ncvhs.hhs.gov/wp-content/uploads/2013/12/NCVHS-Measurement-Framework-V4-Jan-12-2017-for-posting-FINAL.pdf>

- NCVHS Report published January 2017
- Accompanying [letter](#) w/ recommendations to HHS Secretary, May 2, 2017

# Key Recommendations from the NCVHS Framework



That it be **flexible enough to meet distinct local needs** [focus on subcounty and community-level data, multi-sector measures]

*and*

That it **provide a parsimonious set of multi-sector core measures** to guide Federal and state policy and resource allocation and enable communities to compare themselves and share best practices.

# NCVHS Domains for Community Wellbeing

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- Community vitality
- Demographics
- Economy
- Education
- Environment
- Food and agriculture
- Health
- Housing
- Public safety
- Transportation

# Facilitation Support from 100 Million Healthier Lives [www.100mlives.org](http://www.100mlives.org)



**Identity:** An unprecedented collaboration of change agents pursuing an unprecedented result:

*100 million people living healthier lives by 2020*

**Vision:** To fundamentally transform the way we think and act to improve health, well-being, and equity.

**Equity** is the “price of admission.”

Convened by the Institute for Healthcare Improvement as a partnership





- Convened two workgroups in-person to launch activities with the goal of measuring wellbeing in communities according to the NCVHS Framework for Community Health and Well-Being and associated recommendations
  - Metrics Development Workgroup (51 members)
  - Measurement Implementation Workgroup (43 members)
- Established a Stewardship Group (15 members) responsible for overall leadership of the process and connecting the work of both groups



- 3 overarching “superdomains”
  - Wellbeing of places (NCVHS original framework)
  - Wellbeing of people
  - Equity





- Landscape Analysis group (sub-group of Metrics Development Workgroup, includes members of NCVHS subcommittee staff)
  - Compiled hundreds of measures based on existing work, including from
    - NCVHS Landscape Analysis
    - American Communities Survey
    - BRFSS
    - US News & World Report: Healthiest Communities
    - County Health Rankings & Roadmaps
    - 100 Million Healthier Lives Measure What Matters metrics catalog
    - Minnesota Compass
  - Rated measures based on set of decision criteria adapted from National Quality Forum (NQF)
- Conducting a Modified Delphi Process to advance progress on measure set(s) aligned to NCVHS Framework



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# Modified Delphi Process

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- Arrive at measure set(s) aligned with NCVHS Framework domains to create a measurement ecosystem for wellbeing:
  - Parsimonious set of core measures at national level
  - Expandable menu of measures for use at local, community level
  - Includes new domain of overall well-being and equity based on workgroup launch and endorsement of Stewardship Group
- Achieve a balance between standard, widely-used measures and those that may be promising/currently used in fewer places at this time (or even gaps in the field / opportunities for development), but have the potential to be highly useful
- Include a breadth of experts, including across sectors and those who implement measurement on multiple levels, including community

# Three Feedback Cycles



- Cycle 1: Review current list of measures, by domain, and nominate missing measures
- Cycles 2 & 3: Assess proposed measures
  - Cycle 2: Prioritize shorter list of measures within each domain
  - Cycle 3: Rate shorter list of specific measures
- Share progress, work through emerging issues and challenges, prepare for pilot implementation (if ready) at May 18 in-person meeting

# Modified Delphi Process: Overview <sup>13</sup>



- Three cycles over five weeks with 38 individuals contributing feedback
- 505 total metrics considered

# Decision Criteria

Participants will assess based on areas in bold, we will aim to provide background info on areas in grey



- Basics

- Level of data availability (national, state, county, subcounty)
- Community versus People

- **Objective and Effective**

- Level of evidence that this measure drives improvement in health, wellbeing, and/or equity (e.g., power of measure across multiple contexts)
- Valid
- Reliable
- Benchmarking available

- **Important**

- Potential impact in improving health
- Potential impact in improving social drivers of wellbeing
- Potential impact in improving equity
- Aligned with major national/global strategy
- Potential to develop new knowledge about what creates wellbeing
- Potential to drive system change

- **Feasible**

- Data already collected and analyzed?
- Cost of additional collection/feasibility
- Burden of collection and reporting
- Groups ready to adopt

- **Usable**

- Time frame data changes within
- Timeliness of data availability
- Time lag of data availability

- **Valuable/Useful**

- Valuable to communities
- Valuable to researchers/national stakeholders
- Valuable to people with lived experience
- Currently used by/could be used by?
- Potential for use in a national dataset within a parsimonious set of key indicators

# # of People Responding By Domain 15



<b>Community Vitality</b>	<b>Demographics</b>	<b>Economy</b>	<b>Education</b>	<b>Environment</b>
20	20	17	18	17

<b>Food &amp; Agriculture</b>	<b>Health</b>	<i>Housing</i>	<i>Public Safety</i>	<i>Transportation</i>	<b>Overall Well-Being</b>
20	18	16	11	15	17



# Metrics Receiving Votes



Domain	Community Vitality		Demographics		Economy		Education		Environment	
Highest # of votes	7	10	17	18	8	10	12	10	6	9
# of metrics receiving votes	54	59	24	25	40	40	40	42	46	49

Domain	Food & Agriculture		Health		Housing		Public Safety		Transportation		Overall Well-Being	
Highest # of votes	14	15	13	13	9	8	6	10	10	12	10	11
# of metrics receiving votes	21	21	64	67	29	35	37	35	25	26	23	23

\*\*Blue shading= National Set, Orange shading= Community set



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Next Steps

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# In-Person Meeting to Advance Development & Implementation

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- Objectives:
  - Address outstanding issues around development of measures
  - Begin development of an implementation plan
  - Identify key commitments and next steps from workgroup members to continue to advance the work
- May 18th at the Kaiser Center for Total Health in Washington, DC (with virtual option)



- Refine and finalize measures for National and Community sets
- Continue development and advancement of implementation plan



# Thank you!

# Questions?

## Key Contacts:

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