NCVHS Measurement Framework for Community Health & Well-being V3

DeKalb County GA Reaction to Measurement Framework V2, as told to
Dave Ross, NCVHS Committee Member

Purpose of Framework

- Strengthen multi-sectoral efforts to improve health and well-being at the local level.

- Help HHS, other federal agencies and private-sector partners identify and close gaps in the availability of data at a sub-county level.

- Offer communities a blueprint of the key issue areas -- domains and subdomains -- to stimulate and inform dialogue across sectors on barriers, opportunities, and approaches for improvement.

- Promote public-private collaboration that builds on the successes of numerous metrics efforts already in development and/or in use.

Framework is designed to:

- Provide a structure for thinking about how to measure community health and well-being across all determinants

- Assist in aligning federal data efforts across secretariats

- Facilitate community-level data-collection, measurement, and decision-making

- Provide a means to use multiple domains to design community interventions and track their progress

- Enable assessments through the lenses of equity and life-course considerations

What the Framework is not…

- Replacement of other framework efforts.

- Comprehensive or prescribed list of indicators.

- Ranking or comparison of communities.

- Stand on its own – refer to the Roadmap to Community Level Health Measurement for context

Environmental Scan: Purpose

- To Scan health and non-health sectors to identify existing measurement frameworks, core domains, indicators, and metrics for community health and well-being

- To provide a meta-synthesis to guide development of V2 of the Measurement framework

- To note examples of indicators or metrics that are available at the sub-county-level and the related data sources

Gib Parrish Presentation

NCVHS Measurement Framework, V3

Domains	Sub-domains
Health	Health care infrastructure
	Health behaviors
	Health conditions & diseases
	Health outcomes
Environment	Natural environment
	Neighborhood characteristics
Education	Infrastructure & capacity
	Participation & achievement
Economy	Income and wealth
	Employment
Food and Agriculture	Food availability
	Nutrition
Public Safety	Infrastructure
	Perceptions of public safety
	Crime
	Injuries

Domains	Sub-domains
Community Vitality	Social capital
	Governance
	Civic engagement
	Social inclusiveness
Housing	Infrastructure & capacity
	Quality
	Use/affordability
Transportation	Infrastructure & capacity
	Quality
	Use/affordability
Demographics	Total population

	Affordable Care Act variables:
	    Age
	    Sex
	    Race/ethnicity
	    Primary language
	    Disability

	Other demographics

How this Framework Fits with Others

Developed using the environmental scan as foundational reference.

Guiding principles used for development:

- Similarity with frameworks being used by neighborhood indicator projects
- Organized to align with Federal Agencies to promote collaboration
- Domain categories are parallel in scope

Is <u>not</u> considered a replacement for other framework efforts.

Rather, serves as a convening framework to support alignment, federal involvement, and collaboration.

Multilevel Model by Kaplan, et al. (2000)
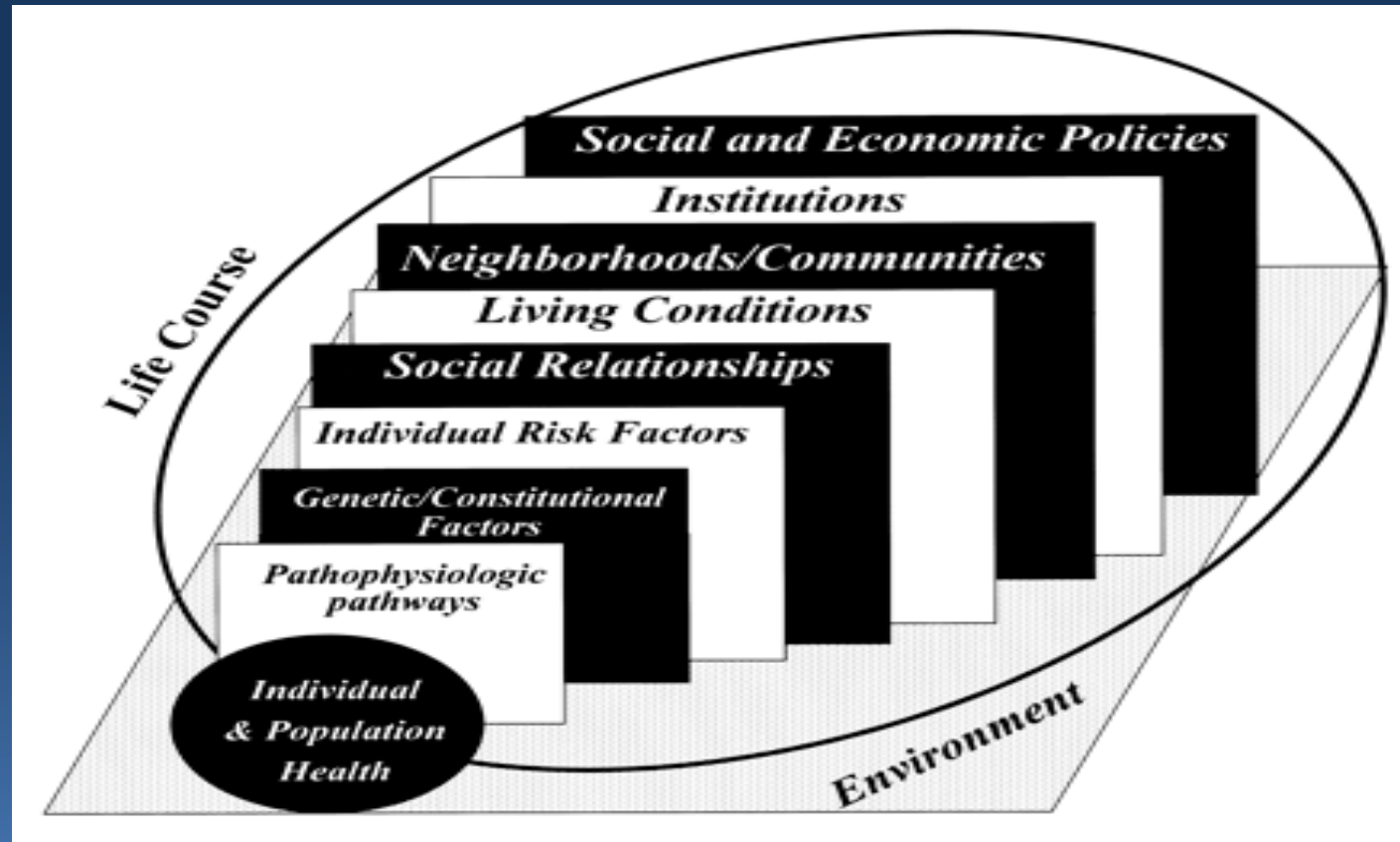
FIGURE 2-1 Multilevel approach to epidemiology, 2000. The approach of Kaplan et al. (2000) attempts to bridge various levels of explanation and intervention, bringing together theory and empirical work that link observations of causal influence and mechanism at multiple levels.
SOURCE: IOM (2000a).

Influence of Health Status Over the Life Course
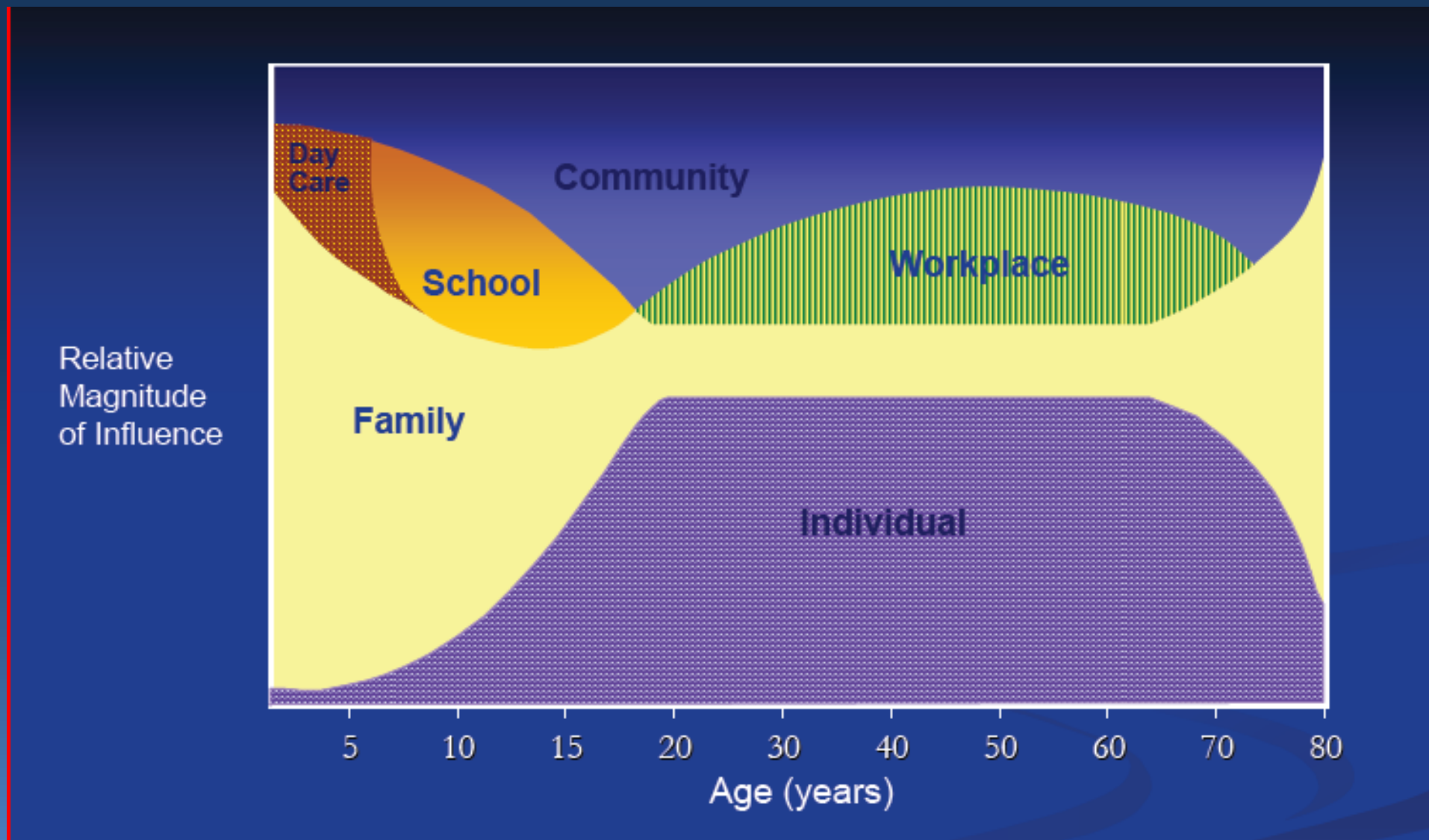
Source: Neal Haflon, Adapted from Nordio S. 1978. Needs of Child and Maternal Care. Rational Utilization and Social-Medical Resources. *Rivists Italiana di Pediatria 4:3-20.*

Who Provided Feedback on the NCVHS Measurement Framework V2

- Non-profits (n=13)

- State/local Government and Health Organizations/Providers (n=7)

- Academic Institutions (n=3)

- Federal Government (n=6)

Categories of Feedback and Responses to Each

- Domain/subdomain concerns:
  - Added subdomains and example indicators for clarification
  - Elucidated intent to call out various federal departments
- Requests for specific indicators:
  - Clarified purpose of Framework and definitions of domains/indicators/metrics
- Comments on the relationships between indicators:
  - Explained purpose was not to look at cause and effect
- Questions regarding how framework will be used:
  - Reworked introduction to make purpose clearer

Framework v1 November 2015	Framework v2 June 2016	Framework v3 September 2016
Outcomes • Life expectancy • Well-being Health Behaviors • Obesity and relevant behaviors • Tobacco • Substance abuse (alcohol/drug) Clinical Care • Access to care • Quality of care Physical Environment • Air quality Social and Economic • Education • Poverty • Housing • Safety	Health • Health outcomes • Health conditions & diseases • Health behaviors • Health care & infrastructure Environment • Natural environment • Neighborhood characteristics Education • Educational participation & attainment • Educational infrastructure & capacity Economy • Income and wealth • Employment Public Safety • Crime • Infrastructure • Perceptions of public safety • Injuries Social Cohesion and Civic Vitality • Social cohesion • Civic engagement Housing • Infrastructure/capacity • Availability/affordability • Quality Transportation • Infrastructure • Use • Quality Demographics • Age • Sex • Race/ethnicity • Primary language • Disability	Health • Health care & infrastructure • Health behaviors • Health conditions & diseases • Health outcomes Environment • Natural environment • Neighborhood characteristics Education • Infrastructure & capacity • Participation & achievement Economy • Income and wealth • Employment Food and Agriculture • Food availability • Nutrition Public Safety • Infrastructure • Perceptions of public safety • Crime • Injuries Community Vitality • Social capital • Governance • Civic engagement • Social inclusiveness Housing • Infrastructure & capacity • Quality • Use/affordability Transportation • Infrastructure & capacity • Quality • Use Demographics • Total population • ACA demographics • Other demographics

Questions to Discuss in Groups

What brings you here today?

- *Your interests and/or hopes for this meeting?*

Thoughts on the Framework?

- *What do you see as the greatest potential value for this evolving Framework?*