

Update on Environmental Scan of Non-Health Sector Domains

National Committee on Vital and
Health Statistics

Subcommittee on Population Health

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Background

Overall NCVHS Project Goals

- To contribute to the development of a consistent way of describing and measuring community health that goes beyond but includes health services delivery.
- To support the Department of Health and Human Services
 1. identify measures of community well-being and its determinants across all essential domains;
 2. move toward parsimony in measurement at geographic levels from the neighborhood to the nation; and
 3. facilitate multi-sector partnerships at all geographic levels, especially the sub-county level.

Background

November 2015 Workshop

- Identify a balanced and parsimonious set of domains that multi-sectoral local partnerships can use to assess, measure, and improve local health and well-being.
- Reviewed straw domains drafted by the *Public Health 3.0* Initiative of the Office of the Assistant Secretary of Health (See item #1 on Handout)
- Common framework would broaden and simplify community-level measurement; but framework must permit flexible local applications

Workshop generated strong interest in learning more about current related activities

Environmental Scan: Purpose

Primary

- Identify existing measurement frameworks, core domains, indicators, and indicator data sets in non-health sectors

Secondary

- Identify data sources for sub-county-level measurement

Environmental Scan: Method

- Located and reviewed frameworks, indices, and metrics suggested by Workshop participants (AARP, HUD, DOJ, DOT, EPA, and a few others; Appendix 5) and by those responding to subsequent NCVHS request
- Reviewed associated indices and rankings and newly found indicator systems and indices
- Located and reviewed poverty and deprivation indices and indicators
- Located and reviewed sector-specific indices, rankings, and indicator systems

Environmental Scan: Method (cont'd)

- Grouped identified indices, rankings, and indicator systems by type
 - Community and neighborhood indicator systems
 - Well-being indices
 - Poverty, deprivation, and inequality indices and indicators
 - Livability metrics, indices, and rankings
 - Health sector indices, rankings, and indicator systems
 - Non-health sector-specific indices, rankings, and indicator systems
- Categorized domains using a subset of frequently used domains
- Compiled sources of sub-county data identified during scan

Indices, rankings, and community indicator systems reviewed for environmental scan*

Community and Neighborhood Indicator Systems (10)

- Baltimore Neighborhood Indicators Alliance
- Benton-Franklin Trends (Tri-Cities WA)
- Boston Indicators Project
- Charlotte Regional Indicators
- Cleveland Community Building Initiative
- Dakota County, Minnesota Community Indicators
- Data Drive Detroit
- Indianapolis SAVI
- New Orleans The Data Center
- Southwestern Pennsylvania Community Profiles

Well-being Indices (4)

- Better Life Index (OECD)
- Canadian Index of Wellbeing
- Gallup-Healthways Well-Being Index
- Human Well-being Index (EPA)

Poverty, Deprivation, and Inequality Indices (9)

- Gender Inequality Index (UNDP)
- Health Poverty Index (UK)
- Human Development Index (UNDP)
- Index of Multiple Deprivation (England)
- Intercity Hardship Index (Rockefeller Institute)
- Multidimensional Poverty Index (UNDP)

Indices, rankings, and community indicator systems reviewed for environmental scan*

Poverty, Deprivation, and Inequality Indices (cont'd)

- New Zealand Deprivation Index (NZDep)
- Social Vulnerability Index (ATSDR)
- United Kingdom Poverty Indicators

“Livability” Metrics, Indices, and Rankings (5)

- Community Vision Metrics
- Livability Index (AARP)
- Best Places to Live 2015 (Money)
- Top 100 Best Places to Live 2015
- America’s 50 Best Cities to Live (24/7 Wall St)

Other Sector-specific indices, indicators (2)

- Leading Economic Index®
- Environmental Quality Index (EQI)

Health Sector Indices, Rankings, and Indicator Systems (10)

- America’s Health Rankings (UHF)
- Community Health Needs Assessment (Community Commons)
- Community Health Status Indicators (CDC)
- County Health Rankings (UW PHI, RWJF)
- National Prevention Strategy (HHS OSG)
- Measures of Community Health (Koo, OASH)
- Program on Health, Equity and Sustainability (SFDPH)
- Proposed Indicators for a Community Health Profile (IOM)
- Vision to Action: A Framework and Measures to Mobilize a Culture of Health (RWJF)
- Vital Signs: Core metrics for health and healthcare progress (IOM)

* See item #2 on handout

Examples of Domains

Table 1. Community Indicator System Domains

Baltimore Indicator Alliance	Boston Indicators Project	Benton-Franklin Trends	Charlotte Regional Indicators	Cleveland Initiative
<ul style="list-style-type: none"> • Census Demographics • Housing and Community Development • Children and Family Health • Crime and Safety • Workforce and Economic Development • Sustainability • Education and Youth • Arts and Culture 	<ul style="list-style-type: none"> • Demographics • Arts & Culture • Civic Vitality & Governance • Economy • Education • Environment & Energy • Housing • Land Use & Zoning • Public Health • Public Safety • Technology • Transportation 	<ul style="list-style-type: none"> • People • Agriculture • Culture, Recreation & Tourism • Economic Vitality • Education • Environmental Sustainability • Health • Housing • Public Safety • Transportation 	<ul style="list-style-type: none"> • Arts, Recreation & Cultural Life • Demographics • Economy • Education • Environment • Government & Citizen Participation • Health • Housing • Public Safety • Social Well-Being • Transportation 	<ul style="list-style-type: none"> • Economic opportunity • Institutions and Services • Family, Child, and Youth Development • Safety and Security • Neighborhood Identity and Pride

Appendix B. Non-health sector domain names and their frequencies

Domain name	#	Domain name	#	Domain name	#	Domain name	#
Accessibility	1	Economic	2	Housing and Community Development	1	Physical (Health)	1
Aesthetics and Sensory	1	Economic opportunity	1	Housing and Properties	1	Political and Administrative Boundaries	1
Agriculture	1	Economic Vitality	1	Housing/ Transportation Variables	1	Poverty	1
Amenities	2	Economy	8	Human Services	1	Property & Land Use	1
Arts & Culture	3	Education	14	Income	2	Public Assistance	1
Arts and leisure	1	Education and skills	1	Income & Poverty	1	Public Health	2
Arts, Culture and Recreation	1	Education and Youth	1	Income and wealth	1	Public Safety	6
Arts, Recreation & Cultural Life	1	Education, Skills and Training Deprivation	1	Income Deprivation	1	Purpose (Enjoy life)	1
Barriers to Housing and Services	1	Educational Attainment	1	Infrastructure	1	Receipt of means-tested benefits	1
Business & Workforce	1	Educational qualifications	1	Institutions and Services	1	Safety	1
Car and telephone access	1	Employment	1	Jobs	1	Safety and Security	2
Census Demographics	1	Employment	1	Jobs and earnings	1	Social (Good personal relationships)	1
Children and Family Health	1	Deprivation	1	Knowledge	1	Social and civic capital	1
Civic Engagement	1	Empowerment	1	Labour market	1	Social cohesion	1
Civic engagement and governance	1	Engagement: Civic and social involvement	1	Land Use	1	Social connections	1
Civic Vitality & Governance	2	Environment	8	Land Use & Zoning	1	Social Well-Being	1
Community (Like where you live)	1	Environment & Energy	1	Language	1	Societal	1
		Environmental quality	1	Leisure	1	Socio-Cultural	1
		Environmental Sustainability	1	Leisure and culture	1	Socioeconomic	1

See item #3 in handout

Appendix B. Most frequent non-health sector domain names

Domain name	#
Amenities	2
Arts & Culture	3
Civic Vitality & Governance	2
Crime	4
Demographics	8
Economic	2
Economy	8
Education	14
Environment	8
Health	12

Domain name	#
Housing	12
Income	2
Living standards	2
Public Health	2
Public Safety	6
Safety and Security	2
Technology	2
Transportation	8
Unemployment	2

Categorization of Domains & Issues for Consideration

Appendix C. Domains identified during environmental scan categorized into 17 groups, based on frequently occurring domains

Domain	Other domain names in current use	Issues
Arts & culture	Arts and leisure Arts, Culture and Recreation Arts, Recreation & Cultural Life	Should leisure and recreation be combined with Arts & Culture?
Civic vitality	Civic Engagement Civic engagement and governance Civic Vitality & Governance Community Engagement Community vitality Democratic engagement Engagement: Civic and social involvement Government & Citizen Participation Policies That Support Collaboration Policy Policy And Governance Political and Administrative Boundaries Public Assistance Receipt of means-tested benefits	Should the following be classified as “Civic vitality”? <ul style="list-style-type: none"> • Investment In Cross-Sector Collaboration • Number And Quality Of Partnerships • Sense Of Community Should “Government,” “Governance,” or Policy and Governance” be separated from “Civic vitality” as a new domain? <p>What category should be used for public assistance and benefits for those in need?</p>
Demography	Census Demographics Demographics	Should “Demography” be changed to “Demographics” which is the

See item #4 in handout

Comparison of Domains

Table 2. Comparison of Community Indicator System Domains

Domain	Baltimore Indicator Alliance	Benton-Franklin Trends	Boston Indicators Project	Charlotte Regional Indicators	Cleveland Initiative
Arts & culture	✓	✓	✓	✓	
Civic vitality			✓	✓	✓
Democratic engagement		✓	✓	✓	✓
Demography	✓	✓	✓	✓	
Economy	✓	✓	✓	✓	✓
Education	✓	✓	✓	✓	✓
Environment	✓	✓	✓		
Health care		✓	✓	✓	
Health, Public	✓	✓	✓	✓	✓
Housing	✓	✓	✓	✓	✓
Land use & zoning	✓	✓	✓	✓	
Leisure		✓			✓
Living standards					
Safety & Security	✓	✓	✓	✓	✓
Social capital & cohesion					✓
Social services					✓
Transportation	✓	✓	✓	✓	✓

Environmental Scan: Observations

- Development: Community or local organization *versus* expert panel, university, national or international organization, or government agency
- Input: “Experts” (IOM) *versus* community members (AARP, Gallup, Community Indicator Systems)
- Pivotal work: National Neighborhood Indicators Partnership (NNIP, Urban Institute) and Community Indicators Consortium (CIC)
- Collaboration: Recent EPA, HUD, and DOT work on Livability Principles

Environmental Scan: Observations

- Terminology: **category, domain, topic, sector, dimension, component, theme, area, priority**, indicator, benchmark, measure, metric, variable
- Conceptual levels of domains: global to specific, from *well-being* to *receipt of means-tested benefits*
- Categorization of indicators by domains: varied; each indicator assigned to 1 domain versus several (e.g., % pop with HS diploma → education, demographics, workforce, economy)
- Summary measure: Metrics or indicators used to generate an overall ranking or index versus stand-alone indicators

Environmental Scan:

Sources of Sub-county Level Data

- American Community Survey
- Decennial Census
- School systems
- Vital statistics agencies
- Building/planning departments
- Tax assessors and auditors
- Police departments
- Voting records
- Hospitals and health agencies
- Public assistance agencies
- Public housing authorities
- Development/budgeting departments
- Business/employment directories

American Community Survey 2015

- **Household composition** & relationships
- **Demographics** (age, DOB, sex, race, Hispanic origin, birth state or country, ancestry, citizenship, current marital status, # marriages, year last got married, given birth in past 12 months, living with grandchildren)
- **Education** (currently in school, highest education level, English speaking ability, other language)
- **Housing** (building type, date first built, length of residence, acreage, rooms, bedrooms, plumbing, appliances, computers, Internet access & type of service, vehicles, heating fuel for building, cost of utilities, ownership, rent, mortgage, value of building, taxes)
- **Food assistance:** Food stamp or Supplemental Nutrition Assistance Program (SNAP) recipient
- **Health insurance** coverage
- **Disability** (hearing, seeing, cognitive, mobility, ADL, IADL)
- **Military service** (Y/N, when), VA disability recipient
- **Employment** (current, location, transportation to work, commute time, laid off in past week, looking for work, when last worked, # weeks worked in past year, # hours worked per week, type of employer, kind of business, type of work, main work activities)
- **Income** (sources & amount of income in past year)

Environmental Scan: Next Steps

- Compile and compare methods for calculating selected indices and rankings, including weighting schemes
- Identify additional sources of sub-county level data for community domains and indicators
- Develop a revised set of domains with examples of indicators/metrics and data sources for each domain

Extra Slides

Workshop Participant Suggestions

American Association of Retired Persons (AARP)

- Livability Index ✓

Department of Housing and Urban Development

- Livable community metrics ✓

Department of Justice

- Framework for data on correctional health and health care

Department of Transportation

- Community Vision Metrics Web Tool ✓

Environmental Protection Agency (Sustainable and Healthy Communities Research Program)

- Environmental Justice Screening Index (EJSCREEN) ✓
- Environmental quality index ✓
- Human well-being index ✓
- Tribal well-being index ✓
- Climate resilience index ?

Other

- Poverty index ✓
- Place-based initiatives, e.g., Harlem Children's Zone (Promise Neighborhoods, Promise Zones) ✓
- Urban Institute National Indicators Project (data inventory of community-level measures) ✓
- United Kingdom deprivation index ✓
- New Zealand deprivation index ✓

Federal Livability Principles

1. **Provide more transportation choices.** Develop safe, reliable, and economical transportation choices to decrease household transportation costs, reduce our nation's dependence on foreign oil, improve air quality, reduce greenhouse gas emissions, and promote public health.
2. **Promote equitable, affordable housing.** Expand location- and energy-efficient housing choices for people of all ages, incomes, races, and ethnicities to increase mobility and lower the combined cost of housing and transportation.
3. **Enhance economic competitiveness.** Improve economic competitiveness through reliable and timely access to employment centers, educational opportunities, services and other basic needs by workers, as well as expanded business access to markets.

Federal Livability Principles (cont'd)

4. **Support existing communities.** Target federal funding toward existing communities—through strategies like transit oriented, mixed-use development, and land recycling—to increase community revitalization and the efficiency of public works investments and safeguard rural landscapes.
5. **Coordinate and leverage federal policies and investment.** Align federal policies and funding to remove barriers to collaboration, leverage funding, and increase the accountability and effectiveness of all levels of government to plan for future growth, including making smart energy choices such as locally generated renewable energy.
6. **Value communities and neighborhoods.** Enhance the unique characteristics of all communities by investing in healthy, safe, and walkable neighborhoods—rural, urban, or suburban.

Examples of Domains

Table 1. Community Indicator System Domains

Baltimore Indicator Alliance	Boston Indicators Project	Benton-Franklin Trends	Charlotte Regional Indicators	Cleveland Initiative
<ul style="list-style-type: none"> • Census Demographics • Housing and Community Development • Children and Family Health • Crime and Safety • Workforce and Economic Development • Sustainability • Education and Youth • Arts and Culture 	<ul style="list-style-type: none"> • Demographics • Arts & Culture • Civic Vitality & Governance • Economy • Education • Environment & Energy • Housing • Land Use & Zoning • Public Health • Public Safety • Technology • Transportation 	<ul style="list-style-type: none"> • People • Agriculture • Culture, Recreation & Tourism • Economic Vitality • Education • Environmental Sustainability • Health • Housing • Public Safety • Transportation 	<ul style="list-style-type: none"> • Arts, Recreation & Cultural Life • Demographics • Economy • Education • Environment • Government & Citizen Participation • Health • Housing • Public Safety • Social Well-Being • Transportation 	<ul style="list-style-type: none"> • Economic opportunity • Institutions and Services • Family, Child, and Youth Development • Safety and Security • Neighborhood Identity and Pride

Examples of Domains

Table 1. Community Indicator System Domains (cont'd)

Dakota County Indicators*	Data Drive Detroit	Indianapolis SAVI	New Orleans Data Center	SW Pennsylvania Profiles
<ul style="list-style-type: none"> • Demographics • Housing • Education • Health • Economy • Public Assistance • Crime • Cost of Government • Technology 	<ul style="list-style-type: none"> • Amenities • Business & Workforce • Civic Engagement • Demographic • Education • Environment • Health • Property & Land Use • Public Safety • Transportation 	<ul style="list-style-type: none"> • Arts, Culture and Recreation • Demographics • Economy • Education • Environment • Health • Housing • Income • Political and Administrative Boundaries • Public Safety • Transportation and Mobility 	<ul style="list-style-type: none"> • People & Household Characteristics • Housing & Housing Costs • Income & Poverty • Transportation • Educational Attainment • Language • Employment 	<ul style="list-style-type: none"> • Demographics • Arts, Culture • Civic Vitality & Governance • Economy • Education • Environment • Health • Housing and Properties • Human Services • Public Safety • Transportation

Comparison of Domains

Table 2. Comparison of Community Indicator System Domains

Domain	Baltimore Indicator Alliance	Benton-Franklin Trends	Boston Indicators Project	Charlotte Regional Indicators	Cleveland Initiative
Arts & culture	✓	✓	✓	✓	
Civic vitality			✓	✓	✓
Democratic engagement		✓	✓	✓	✓
Demography	✓	✓	✓	✓	
Economy	✓	✓	✓	✓	✓
Education	✓	✓	✓	✓	✓
Environment	✓	✓	✓		
Health care		✓	✓	✓	
Health, Public	✓	✓	✓	✓	✓
Housing	✓	✓	✓	✓	✓
Land use & zoning	✓	✓	✓	✓	
Leisure		✓			✓
Living standards					
Safety & Security	✓	✓	✓	✓	✓
Social capital & cohesion					✓
Social services					✓
Transportation	✓	✓	✓	✓	✓

Comparison of Domains

Table 2. Comparison of Community Indicator System Domains (cont'd)

Domain	Dakota County Indicators	Data Drive Detroit	Indianapolis SAVI	New Orleans Data Center	SW Pennsylvania Profiles
Arts & culture		✓			✓
Civic vitality					✓
Democratic engagement		✓			
Demography	✓	✓	✓	✓	✓
Economy	✓	✓	✓	✓	✓
Education	✓	✓	✓	✓	✓
Environment		✓	✓		✓
Health care	✓	✓	✓		✓
Health, Public	✓		✓		✓
Housing	✓	✓	✓	✓	✓
Land use & zoning		✓	✓		
Leisure		✓			
Living standards					
Safety & Security	✓	✓	✓		✓
Social capital & cohesion					
Social services					?
Transportation		✓	✓	✓	✓

Environmental Scan: Findings

Table 3. Well-being Domains

Better Life Index (OECD)	Canadian Index of Wellbeing	Gallup-Healthways Well-Being Index	Human Well-being Index (EPA)
<ul style="list-style-type: none"> • Income and wealth • Jobs and earnings • Work-life balance • Housing • Environmental quality • Health status • Education and skills • Social connections • Civic engagement and governance • Personal security • Subjective well-being 	<ul style="list-style-type: none"> • Community vitality • Democratic engagement • Education • Environment • Healthy populations • Leisure and culture • Living standards • Time use 	<ul style="list-style-type: none"> • Purpose (Enjoy life) • Social (Good personal relationships) • Financial (Sufficient money) • Community (Like where you live) • Physical (Health) 	<p><i>Well-being elements</i></p> <ul style="list-style-type: none"> • Environmental • Societal • Economic <p><i>Domains of well-being</i></p> <ul style="list-style-type: none"> • Connection to nature • Cultural fulfillment • Education • Health • Leisure time • Living standards • Safety and security • Social cohesion

Comparison of Domains

Table 4. Comparison of Well-being Domains

Domain	Better Life Index (OECD)	Canadian Index of Wellbeing	Gallup- Healthways Well- Being Index	Human Well-being Index (EPA)
Arts & culture		✓		✓
Civic vitality		✓		
Democratic engagement	✓	✓		
Demography				
Economy	✓	✓	✓	✓
Education	✓	✓		✓
Environment	✓	✓		✓
Health care		✓		✓
Health, Public	✓		✓	
Housing	✓			
Land use & zoning				
Leisure	✓	✓		✓
Living standards		✓		✓
Safety & Security	✓	✓		✓
Social capital & cohesion	✓	✓	✓	✓
Social services				
Transportation				

Environmental Scan: Findings

Table 5. Domains of Poverty, Deprivation, and Inequality Indices

Gender Inequality Index	Human Development Index	Intercity Hardship Index	Index of Multiple Deprivation	Multidimensional Poverty Index
<ul style="list-style-type: none"> • Health • Empowerment • Labour market 	<ul style="list-style-type: none"> • Long and healthy life • Knowledge • Decent standard of living 	<ul style="list-style-type: none"> • Unemployment • Housing • Dependents • Income • Poverty • Education 	<ul style="list-style-type: none"> • Income Deprivation • Employment Deprivation • Education, Skills and Training Deprivation • Health Deprivation and Disability • Crime • Barriers to Housing and Services • Living Environment Deprivation 	<ul style="list-style-type: none"> • Health • Education • Standard of living

Examples of Domains

Table 5. Domains of Poverty, Deprivation, and Inequality Indices (cont'd)

New Zealand Deprivation Index	Social Vulnerability Index
<ul style="list-style-type: none">• Car and telephone access• Receipt of means-tested benefits• Unemployment• Household income• Sole parenting• Educational qualifications• Home ownership• Home living space	<ul style="list-style-type: none">• Socioeconomic Variables• Household Composition Variables• Minority Status/Language Variables• Housing/Transportation Variables

Comparison of Domains

Table 6. Comparison of Domains of Poverty, Deprivation, and Inequality Indices

Domain	Gender Inequality Index	Human Development Index	Index of Multiple Deprivation	Intercity Hardship Index
Arts & culture				
Civic vitality				
Democratic engagement	✓			
Demography	✓			✓
Economy	✓	✓	✓	✓
Education	✓	✓	✓	✓
Environment			✓	
Health care	✓	✓	✓	
Health, Public				
Housing			✓	✓
Land use & zoning			✓	
Leisure				
Living standards		✓		
Safety & Security			✓	
Social capital & cohesion				
Social services				
Transportation			✓	

Comparison of Domains

Table 6. Comparison of Domains of Poverty, Deprivation, and Inequality Indices (cont'd)

Domain	Multidimensional Poverty Index	New Zealand Deprivation Index	Social Vulnerability Index
Arts & culture			
Civic vitality			
Democratic engagement			
Demography		✓	✓
Economy		✓	✓
Education	✓	✓	✓
Environment			
Health care	✓		
Health, Public			
Housing		✓	✓
Land use & zoning			
Leisure			
Living standards	✓	✓	
Safety & Security			
Social capital & cohesion			
Social services			
Transportation		✓	✓

Examples of Domains

Table 7. Domains of “Livability” Metrics, Indices, and Rankings

Community Vision Metrics	Livability Index (AARP)	Best Places to Live 2015 (Money)	Top 100 Best Places to Live	America’s 50 Best Cities to Live
<ul style="list-style-type: none"> • Accessibility • Aesthetics and Sensory • Community Amenities • Community Engagement • Economic • Housing • Land Use • Mobility • Natural Resources • Public Health • Safety • Socio-Cultural 	<ul style="list-style-type: none"> • Housing • Neighborhood: Access to life, work, and play • Transportation: • Environment • Health • Engagement: Civic and social involvement • Opportunity: Inclusion and possibilities 	<ul style="list-style-type: none"> • Jobs • Economy • Housing • Education • Health • Crime • Arts and leisure • Ease of living 	<ul style="list-style-type: none"> • Amenities • Demographics • Economy • Education • Health care • Housing • Social and civic capital • Transportation 	<ul style="list-style-type: none"> • Crime • Demography • Economy • Education • Environment • Health • Housing • Infrastructure • Leisure

Examples of Domains

Table 8. Comparison of Domains of “Livability” Metrics, Indices, and Rankings

Domain	Community Vision Metrics	Livability Index (AARP)	Best Places to Live 2015 (Money)	Top 100 Best Places to Live	America’s 50 Best Cities to Live
Arts & culture	✓	✓	✓		
Civic vitality	✓	✓		✓	
Democratic engagement	✓	✓		✓	
Demography		✓	✓	✓	✓
Economy	✓	✓	✓	✓	✓
Education	✓	✓	✓	✓	✓
Environment	✓	✓		✓	✓
Health care	✓	✓	✓	✓	✓
Health, Public					
Housing	✓	✓	✓	✓	✓
Land use & zoning	✓	✓			
Leisure			✓	✓	✓
Living standards					
Safety & Security	✓	✓	✓	✓	✓
Social capital & cohesion	✓	✓		✓	
Social services					
Transportation	✓	✓	✓	✓	✓

Examples of Domains

Table 9. Domains of Health Sector Rankings and Indicators

America's Health Rankings	Community Health Needs Assessment	Community Health Status Indicators	County Health Rankings	Measures of Community Health (Koo)
<ul style="list-style-type: none"> Behaviors Community & Environment Policy Clinical Care Outcomes 	<ul style="list-style-type: none"> Demographics Social & Economic Factors Physical Environment Clinical Care Health Behaviors Health Outcomes 	<ul style="list-style-type: none"> Mortality Morbidity Access to Health Care Health Behaviors Social Factors Physical Environment 	<ul style="list-style-type: none"> Health Outcomes Health Behaviors Clinical Care Social & Economic Factors Physical Environment 	<ul style="list-style-type: none"> Life expectancy Well-being Obesity and relevant behaviors Tobacco Substance abuse (alcohol/drug) Air quality Education Poverty Housing Safety Access to care Preventable hospitalizations

Examples of Domains

Table 9. Domains of Health Sector Rankings and Indicators (cont'd)

National Prevention Strategy	Program on Health, Equity and Sustainability	Proposed Community Health Profile	Vision to Action: A Framework for Culture of Health	Vital Signs: Core metrics for health
<ul style="list-style-type: none"> • Leading Causes of Death • Healthy and Safe Community Environments • Clinical and Community Preventive Services • Empowered People • Elimination of Health Disparities • Tobacco Free Living • Preventing Drug Abuse and Excessive Alcohol Use • Healthy Eating • Active Living • Injury and Violence Free Living • Reproductive and Sexual Health • Mental and Emotional Well-Being 	<ul style="list-style-type: none"> • Air • Water • Food • Housing • Greenspace • Land use • Transportation • Work • Noise • Climate 	<ul style="list-style-type: none"> • Sociodemographic Characteristics • Health Status • Health Risk Factors • Health Care Resource Consumption • Functional Status • Quality of Life 	<ul style="list-style-type: none"> • Mindset And Expectations • Sense Of Community • Civic Engagement • Number And Quality Of Partnerships • Investment In Cross-Sector Collaboration • Policies That Support Collaboration • Built Environment/Physical Conditions • Social And Economic Environment • Policy And Governance • Access to health services • Consumer Experience And Quality • Balance And Integration • Enhanced Individual And Community Well-Being • Managed Chronic Disease And Reduced Toxic Stress • Reduced Health Care Costs 	<ul style="list-style-type: none"> • Life expectancy • Well-being • Overweight and obesity • Addictive behavior • Unintended pregnancy • Healthy communities • Preventive services • Care access • Patient safety • Evidence-based care • Care match with patient goals • Personal spending burden • Population spending burden • Individual engagement • Community engagement

Comparison of Domains

Table 10. Comparison of Domains of Health Sector Rankings and Indicators

Domain	America's Health Rankings	Community Health Needs Assessment	Community Health Status Indicators	County Health Rankings	Measures of Community Health (Koo)
Arts & culture					
Civic vitality					
Democratic engagement					
Demography		✓	✓		
Economy	✓	✓	✓	✓	✓
Education	✓	✓	✓	✓	✓
Environment	✓	✓	✓	✓	✓
Health care	✓	✓	✓	✓	✓
Public Health	✓	✓	✓	✓	✓
Housing		✓	✓	✓	✓
Land use & zoning		✓	✓		
Leisure		✓	✓	✓	✓
Living standards					
Safety & Security	✓	✓	✓	✓	✓
Social capital & cohesion			✓	✓	✓
Social services		✓			
Transportation				✓	✓

Comparison of Domains

Table 10. Comparison of Domains of Health Sector Rankings and Indicators (cont'd)

Domain	National Prevention Strategy	Program on Health ... Sustainability	Proposed Community Health Profile	Vision to Action	Vital Signs: Core metrics for health
Arts & culture					
Civic vitality				✓	
Democratic engagement				✓	
Demography			✓		
Economy		✓	✓		✓
Education			✓	✓	
Environment	✓	✓	✓	✓	✓
Health care	✓		✓	✓	✓
Public Health	✓		✓	✓	✓
Housing		✓		✓	
Land use & zoning		✓			
Leisure	✓	✓			✓
Living standards					
Safety & Security	✓		✓	✓	✓
Social capital & cohesion	✓			✓	
Social services					
Transportation	✓	✓			