

Methodist McKinney Hospital

Community Health Needs Assessment Overview: 2017-2019

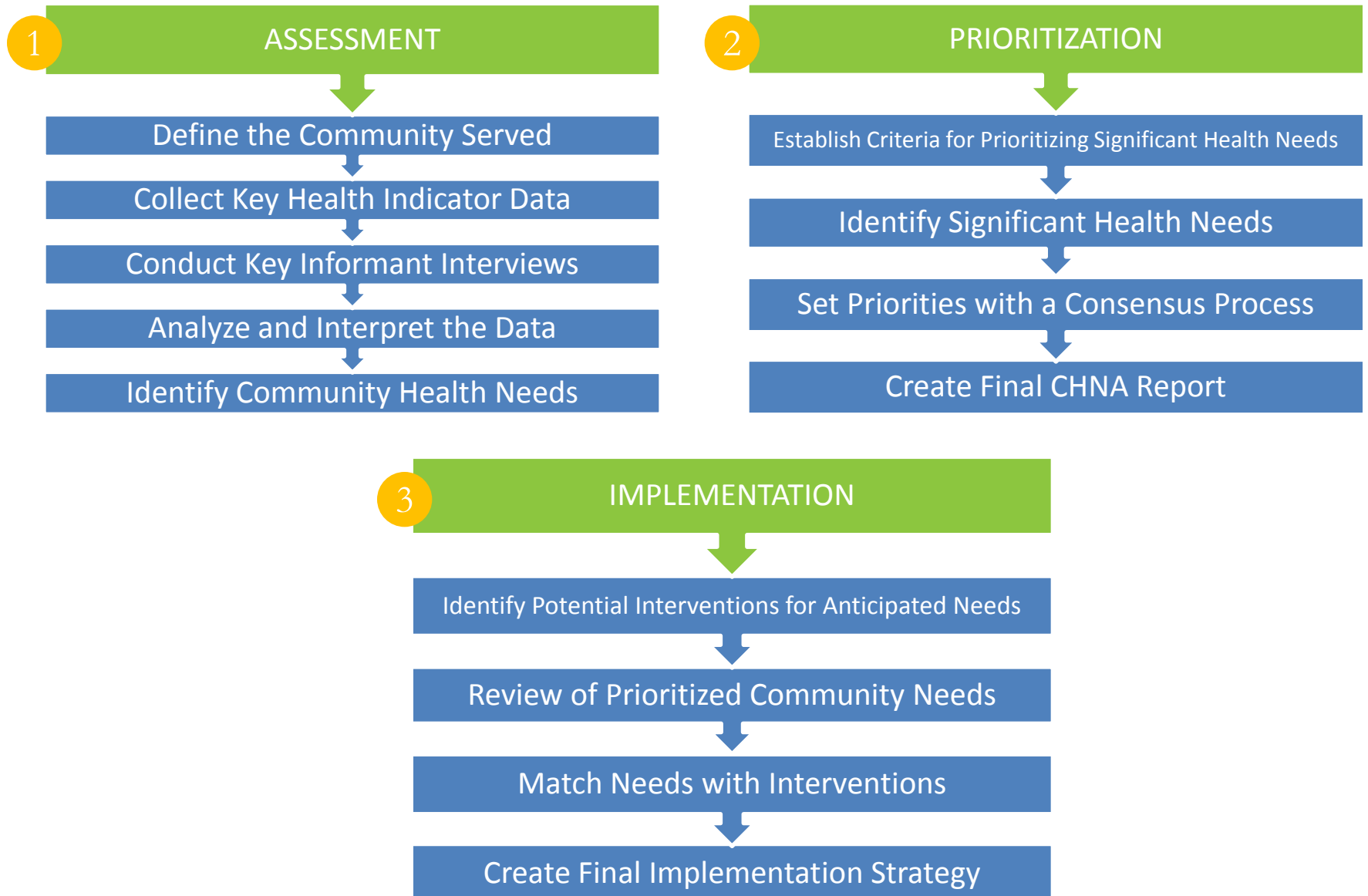
October 26, 2016

CHNA Requirement: Overview

- In order to maintain tax exempt status, the Affordable Care Act requires non-profit hospitals to *conduct a Community Health Needs Assessment (CHNA)* and *complete a corresponding implantation plan* once every three years beginning with tax years starting after 3/23/2012
- In order to be compliant with the regulation each hospital must...
 - Conduct a health needs **assessment** of their community
 - **Prioritize** identified significant health needs
 - Adopt **implementation strategy** for meeting needs identified through the CHNA
 - **Make their CHNA report public** and easily accessible
- Truven Health assisted with the CHNA report
 - Company experienced in providing and combining data analytics and benchmarking for comprehensive CHNAs

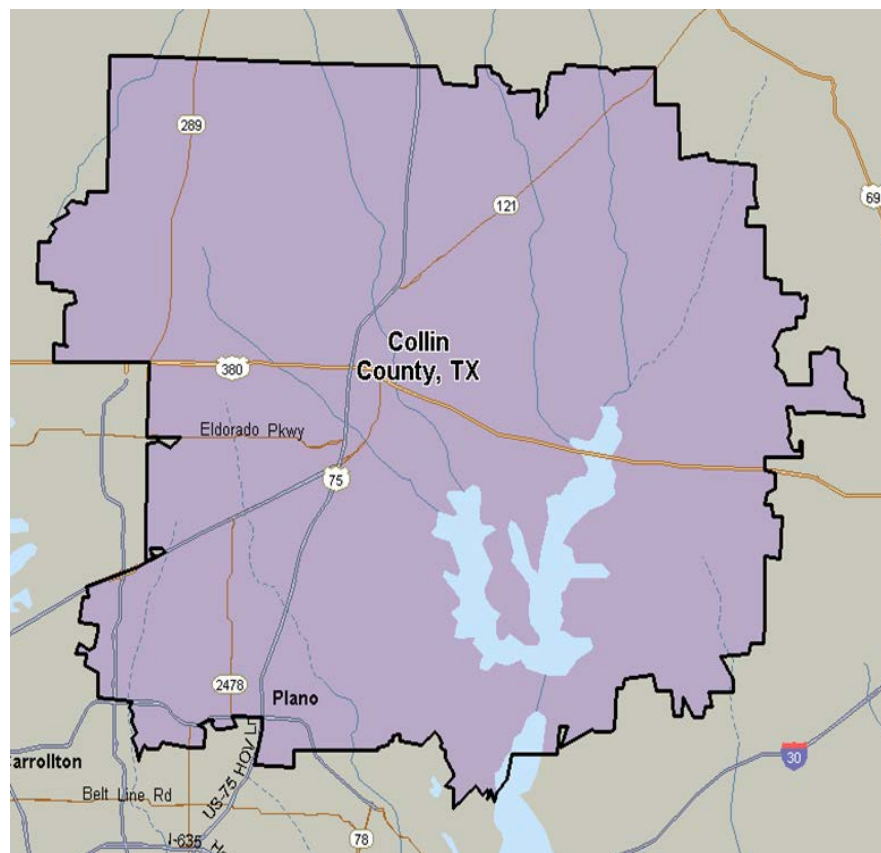


CHNA Phases



CHNA “Community Served” Definition

Methodist McKinney Hospital serves Collin County



Key Health Indicators

- Various health and socioeconomic indicators were collected from a wide variety of sources
- Indicators are compared to benchmarks (when available) to determine the community's need

Population

- High School Graduation Rate
- High School Dropout Rate
- Some College
- Children in Poverty
- Children in Single-parent Households
- Unemployment
- Income Inequality
- Total Population Living in Poverty
- Individuals With a Disability (16–64 Years)
- Social Associations
- Children Enrolled in Public Schools Eligible for Free Lunch
- Homicides
- Violent Crime

Injury & Death

- Heart Disease Deaths
- Cancer Deaths
- Chronic Lower Respiratory Disease Deaths
- Stroke Deaths
- Premature Death
- Infant Mortality
- Child Mortality
- Car Crash Deaths
- Injury Deaths

Health Outcomes

- Fair or Poor Health
- Frequent Physical Distress
- Insufficient Sleep
- Poor Physical Health Days
- Cancer (all causes) Incidence
- Breast Cancer Incidence
- Colon and Rectum Cancer Incidence
- Lung and Bronchus Cancer Incidence
- Prostate Cancer Incidence
- Diabetes
- Hypertension
- Stroke
- Arthritis
- Alzheimer's Disease / Dementia
- Atrial Fibrillation
- Chronic Obstructive Pulmonary Disease
- Kidney Disease
- Depression
- Heart Failure
- Hyperlipidemia
- Ischemic Heart Disease
- Schizophrenia
- Osteoporosis
- Asthma
- HIV Prevalence
- Pediatric Asthma Hospitalizations

- Pediatric Diabetes Hospitalizations
- Pediatric Gastroenteritis Hospitalizations
- Pediatric Urinary Tract Infection Hospitalizations
- Adult Perforated Appendix Hospitalizations
- Adult Uncontrolled Diabetes Hospitalizations
- Amputations Among Adult Patients with Diabetes
- Prenatal Care
- Low Birth Weight
- Very Low Birth Weight
- Preterm Births
- Preventable Hospital Stays

Environment

- Food Insecurity
- Limited Access to Healthy Food
- Food Environment Index
- Access to Exercise Opportunities
- Air Quality / Pollution
- Severe Housing Problems
- Driving to Work Alone
- Long Commute: Driving Alone

Health Behaviors

- Obesity
- Physical Inactivity
- No Exercise
- Adult Smoking
- Excessive Drinking
- Alcohol-impaired Drinking Deaths
- Drug Poisoning Deaths
- Teen Births
- Sexually Transmitted Infections

Mental Health

- Mental Health Providers
- Frequent Mental Distress

Access to Care

- Uninsured
- Uninsured Children
- Health Care Costs
- Primary Care Physicians
- Primary Care Providers (non-physician)
- Dentists
- Preventable Hospital Stays

Prevention

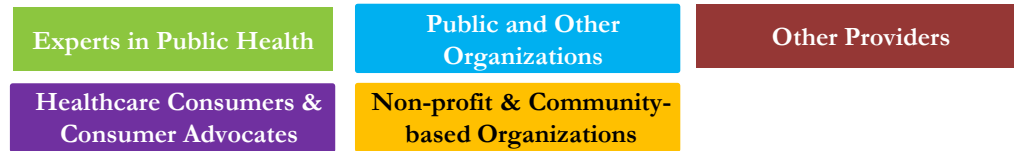
- Diabetic Screening (Medicare)
- Mammography Screening (Medicare)
- Flu Vaccine 65+

Identifying Health Needs

Must solicit input from the following three sources for the community served:

- At least one state, local, or regional governmental public health department
- Individuals or organizations serving and/or representing medically underserved, low-income, and minority populations
- Written comments received on the hospital's most recently conducted CHNA and implementation strategy

North Texas Food Bank	Advisory Board Member, Methodist Richardson Medical Center	Boys and Girls Club of Collin County	Hope's Door	Court Appointed Special Advocate (CASA) of Collin County
Collin College	The Visiting Nurse Association of Texas	Collin County Healthcare Services	City House	Plano Independent School District
5013c Community Food Pantry	United Way	Court Appointed Special Advocate (CASA) of Denton County	Easter Seals North Texas	



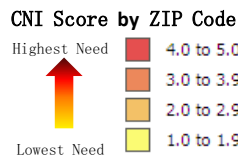
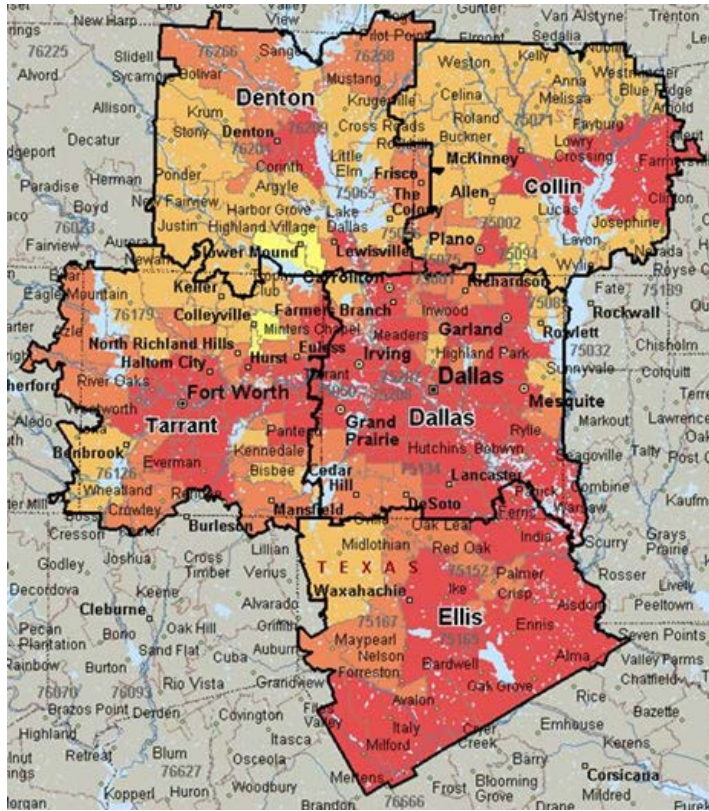
May solicit additional sources of input from a broad range of persons located in or serving its community

Demographic Summary

- MMH community is projected to grow by 10%
- Proportion of uninsured individuals in Texas and MMH community is higher than the nation
- Percent of residents speaking limited English and with no high school diploma is lower in Texas than in MMH community

Region /Facility(s)	Total Population	Population 0 - 17 Years	Population 65+ Years	5 Year Projected Population Change	Insurance Coverage: Medicaid / Uninsured		Poverty	Limited English	No High School Diploma	Housing
United States	322,431,073	23%	15%	4%	19%	8%	18%	9%	14%	36%
Texas	27,611,474	26%	12%	7%	14%	18%	20%	14%	19%	37%
McKinney	855,435	27%	10%	10%	4%	10%	8%	9%	7%	33%

Community Need Index



CNI score is an **average of five different barrier scores** that measure various socio-economic indicators of each community:

- **Barriers: Income, Culture, Education, Insurance and Housing**

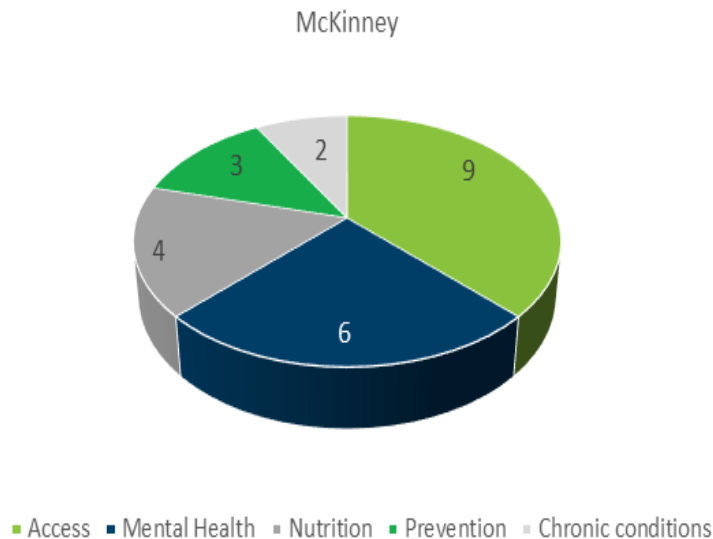
Strong link to variations in community healthcare needs and a strong indicator of a community's demand for various healthcare services

CNI Score by Community	
Methodist McKinney Hospital	2.8

Texas score = 3.9

Qualitative Sample Responses

Access and Mental Health were the **top health needs** for MMH community



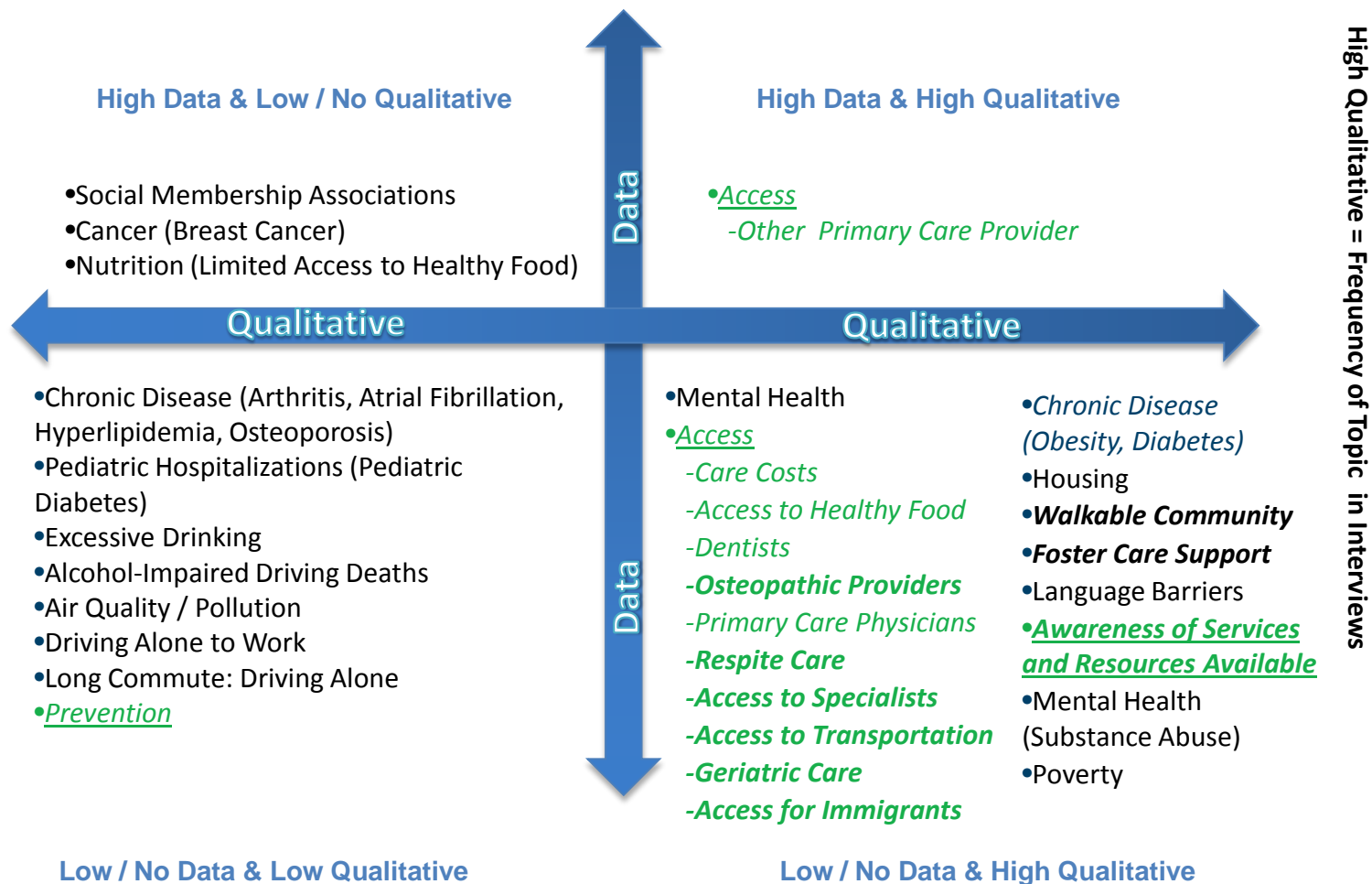
Access and Primary Care were identified as **top two barriers**

Methodist McKinney Hospital	
Need	Frequency
Access	6
Primary care	2
Awareness	1
Charity hospital	1
Dental	1
Foster Care	1
Health	1
Location	1
Specialists	1
Transportation	1

Health Needs Matrix

Methodist McKinney Hospital serving Collin County

High Data = Indicators worse than state benchmark by greater magnitude



Bolded items do not have coordinating quantitative measure

Green underlined items were selected as a top health need for the community

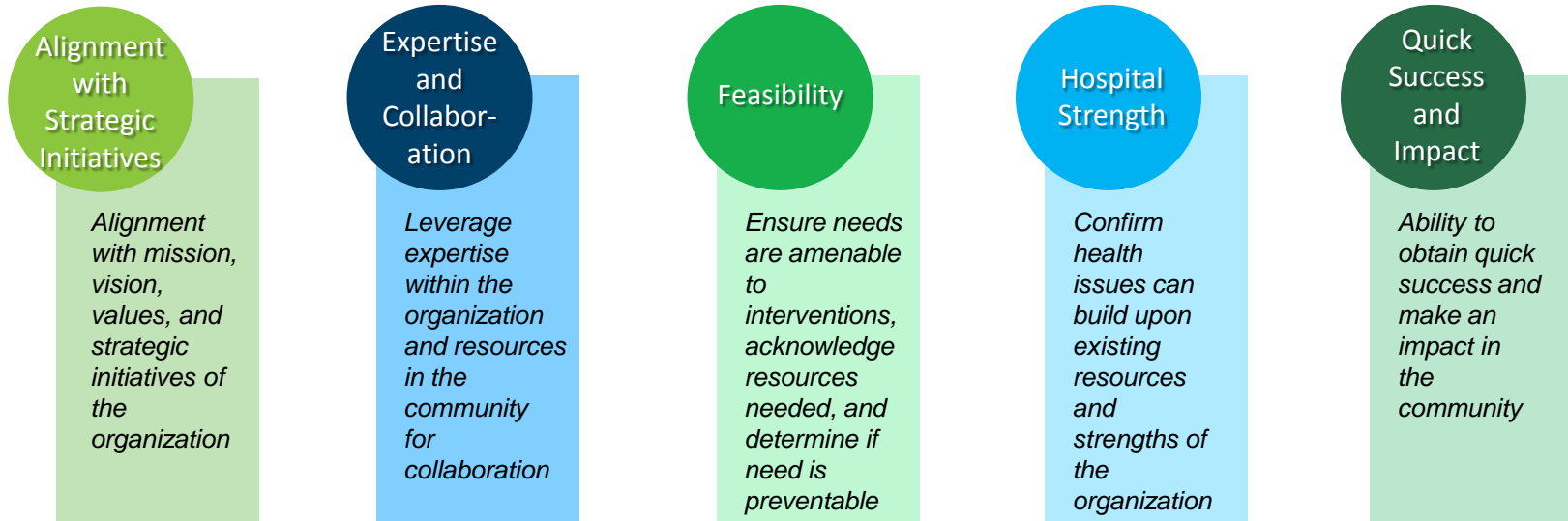
Green *italicized* items are additional measures included in selected top health needs

Methodist CHNA Prioritization Criteria

Criteria Chosen by the CHNA Work Group

- Prioritization work group reviewed commonly used criteria for needs prioritization
- Discussion about which criteria to utilize
- Voted on criteria to determine 5 criteria to rate MHS community health needs

Chosen Criteria



Methodist McKinney's Selected Health Needs & Implementation Plan

Access

Community Resources (Awareness and Collaboration)

Prevention

Access

- Increase access to care by:
 - Recruiting additional primary care physicians where appropriate
 - Providing low-cost screening mammograms to area residents through the MHS Mobile Mammography program
 - Locating additional access points throughout the service area such as urgent care, imaging and family health centers
 - Providing financial assistance to Community Health Clinic
 - Providing free sports physicals at McKinney High School
 - Recruiting and placing MMH Specialty Physicians Clinic in Prosper

Community Resources

- Collaborate with local municipalities and coalitions to expand outreach and awareness of community resources

Prevention

- Provide screening mammograms and flu shots to area residents

Appendix

Previous MHS 2013 CHINA Community Needs

1. **Chronic Disease:** Multiple Diagnoses
2. **Healthcare Access:** Health Insurance Coverage and Physician Shortage
3. **Health Disparities:** Resource Deserts
4. **Infrastructure:** Unifying Prevention Efforts and Maximizing Resources
5. **Mental and Behavioral Health:** Illness Impact on Health Decisions

Methodist McKinney Hospital

Indicator Data

After reviewing 80+ indicators the following health-related indicators surfaced in support of the top 5 health needs

Health-related Indicators for the community's selected top health needs

Indicator	Selected Need	Undesired direction	Collin County	Texas
Percentage of population under age 65 without health insurance	Access	higher	19%	30%
Percent Uninsured Children (<19)	Access	higher	11%	13%
Amount of price-adjusted Medicare reimbursements per enrollee	Access	higher	\$11,306.00	\$10,837.00
Ratio of population to one primary care physician	Access	higher	1100.0	1680.0
Ratio of population to primary care providers other than physicians	Access	higher	2007.0	1709.0
Ratio of population to one dentist	Access	higher	1590.0	1880.0
Flu Vaccine 65+	Prevention	lower	76%	65%

Indicator values displayed in green are better than the benchmark

Methodist McKinney Hospital

Prioritized Community Health Needs

Health Needs	Prioritization Score
Access to Specialty Providers <i>(Selected Need: Access)</i>	40
Access to Primary Care <i>(Selected Need: Access)</i>	39
Collaboration and Awareness of Community Programs and Resources <i>(Selected Need)</i>	35
Healthcare Costs <i>(Selected Need: Access)</i>	32
Language Barriers <i>(Selected Need: Access)</i>	26
Breast Cancer <i>(Selected Need: Prevention)</i>	19
Access to Healthy Food <i>(Outside scope of services)</i>	8
Mental Health <i>(Outside scope of services)</i>	5
Diabetes <i>(Selected Need: Prevention)</i>	5
Foster Care Support <i>(Outside scope of services)</i>	5
Housing <i>(Outside scope of services)</i>	5
Walkability of the Community <i>(Outside scope of services)</i>	5
Education <i>(Selected Need: Community Resources)</i>	5
Children Living in Poverty <i>(Outside scope of services)</i>	5
Chronic Disease (Obesity, Diabetes, and Heart Disease) <i>(Selected Need: Community Resources)</i>	5
Access to Care (Dentists, Holistic / Osteopathic, Geriatric, Respite, Transportation, and Immigrants) <i>(Selected Need: Access)</i>	5
Health Disparities <i>(Selected Need: Community Resources)</i>	5