

Phase 4

Identify Strategic Issues

During this phase of the MAPP process, participants develop an ordered list of the most important issues facing the community. Strategic issues are identified by exploring the convergence of the results of the four MAPP Assessments and determining how those issues affect the achievement of the shared vision.

Community leaders, partners, and residents were invited to participate in a public forum on April 18, 2018. The forum was held at the Boone County Administration Building. Participants were asked to sign-in and received a packet articulating the top five health issues apparent in each MAPP assessment. (Appendix A). Participants also received a brief presentation (Appendix B) updating them on the progress of the MAPP process and describing the five health issues previously mentioned. The end goal of the forum was to reduce the number of priorities to three.

Following the presentation, participants broke into 5 small groups each with a subject matter expert facilitating on one of the given topics. The facilitator used data and informal conversation to explain the need of each priority in the community. Each facilitator had 10 minutes with each group to advocate for the proposed priority after which the facilitator moved to a different table/area, allowing each group the opportunity to listen and discuss the material presented. Participants were then asked to individually fill out a worksheet (Appendix C) to ultimately determine which proposed health priority was most important.

The 'Full Analytical Criteria Method', a Lean Six-Sigma prioritization matrix was used. The results of the matrix are found in Table 1 below. Mental and Behavioral Health were ranked first at 73.3%, followed by Maternal Child Health at 67.0%, and Chronic Disease which was ranked third at 66.7%. Standard deviation was used to gauge how closely the topics scored. The lower the number in the standard deviation column, the more confident users can be in the percentage result.

Priority	Rank	Percent	Standard Deviation
Mental/Behavioral Health	1	73.3%	3.8
Maternal Child Health	2	67.0%	5.6
Chronic Disease	3	66.7%	8.4
Violence/Trauma	4	64.6%	3.4
Environmental Quality	5	51.0%	2.4

Table 1

Appendix 4-A Participant Packet

Maternal Child Health

Health Prioritization 2018

Maternal health refers to the health of women during pregnancy, childbirth and the postpartum period. While motherhood is often a positive and fulfilling experience, for too many women it is associated with suffering, ill-health and even death.

Boone County Health Department

	Indicators of Child Well-Being	Illinois	Boone County
Health	LOW-BIRTHWEIGHT BABIES (2014) Are babies born weighing less than 5.5 pounds?	8.2%	7.8%
	CHILDREN WITHOUT HEALTH INSURANCE (2015) Are children lacking health coverage?	2.9%	3.8%
	INFANT, CHILD, AND TEEN DEATHS (2015) How many children died in one year?	.505 per 1,000	.146 per 1,000
	RATIO OF POPULATION TO PRIMARY CARE PHYSICIANS (2014) Do people have access to health care?	1,204:1	1,924:1
Economic Security	CHILDREN IN POVERTY (2015) Are children living in poverty?	19%	15%
	FOOD INSECURITY RATE (2015) Are households struggling with food insecurity?	11.7%	7.2%
	UNEMPLOYMENT RATE (2016) Are adults struggling to find work?	5.9%	6.3%
	HOUSEHOLDS WITH A HIGH HOUSING COST BURDEN (2011-2015) Are households struggling to afford housing? Estimated percentage of households where more than 30% of monthly income is spent on rent or ownership costs	35%	31%

2017 Kids Count Profile



8.1% of families and people in Boone County had income in the past 12 months below the poverty level

24.9% of those were families with a female head of household and no husband present

61.8% of those had children under 5 years

US Census Bureau, 2012-20116 American County Survey 5 year Estimates

ENVIRONMENTAL QUALITY
**BOONE
COUNTY**

ANNUAL RAINFALL.....



AVERAGE RAINFALL PER YEAR

ANNUAL SNOWFALL.....



AVERAGE SNOWFALL PER YEAR

STORM EVENTS.....



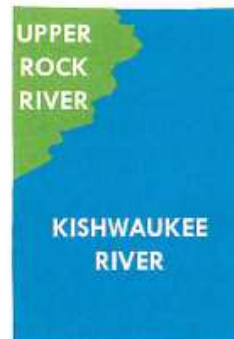
TOTAL STORMS EVENTS BETWEEN 2014 - 2016

100-YEAR FLOOD PLAIN.....



ACRES WITHIN THE 100-YEAR FLOOD PLAIN

WATERSHEDS.....



BIOLOGICALLY SIGNIFICANT STREAMS..



BEAVER CREEK

DIVERSITY A, 2+ HIGHEST CLASS

THREATENED & ENDANGERED SPECIES..



THREATENED SPECIES



ENDANGERED SPECIES

VIOLENCE AND TRAMA BOONE COUNTY

PROPERTY CRIME OFFENSES.....

INCLUDES BOTH COUNTY & MUNICIPALITIES



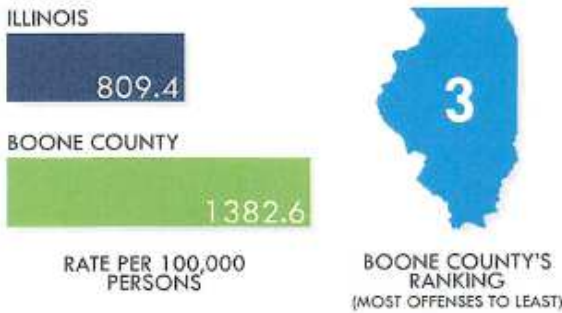
VIOLENT CRIME OFFENSES.....

INCLUDES BOTH COUNTY & MUNICIPALITIES



DRUG CRIME ARRESTS.....

INCLUDES BOTH COUNTY & MUNICIPALITIES



9-1-1 AND SERVICE CALLS.....



CALLS SPECIFICALLY FOR BOONE COUNTY SHERIFF'S DEPARTMENT

BUDGET.....



SHERIFF'S DEPARTMENT IS 51% OF BOONE COUNTY'S BUDGET

SHERIFF'S DEPT. EMPLOYEES.....



FIRE DISTRICT.....



TOTAL VOLUNTEER FIRE FIGHTERS AT BOONE COUNTY FIRE DISTRICTS #1, #2, AND #3.

CHRONIC DISEASE BOONE COUNTY

HEALTH RANKING.....



BOONE COUNTY IS RANKED #14 OUT OF 102 COUNTIES IN ILLINOIS.

LIFE EXPECTANCY AT BIRTH.....



78.8
YEARS

ACCESS TO FOOD.....



7.2% OF PEOPLE IN BOONE COUNTY ARE FOOD INSECURE.



12% OF HOUSEHOLDS RECEIVE SOME KIND OF SNAP BENEFITS.

DIABETES.....



9%
OF ADULTS HAVE DIABETES

CHRONIC DISEASE.....

7 out of 10

LEADING CAUSES OF DEATH ARE CHRONIC DISEASE

DIAGNOSED DISEASES.....

TOP FOUR SELF-REPORTED DIAGNOSED DISEASES IN THE COUNTY



HIGH BLOOD PRESSURE



DIABETES



CHOLESTEROL



ASTHMA

HEALTH BEHAVIORS.....



34% OF ADULTS ARE OBESE



15% OF ADULTS ARE CURRENT SMOKERS

CAUSES OF DEATH.....

52%

OF ALL DEATHS OVER THE PAST 7 YEARS WERE RELATED TO



HEART DISEASE

&



CANCER

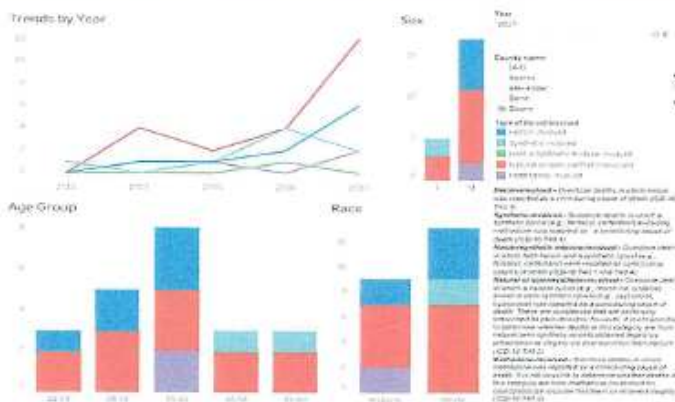
Mental/Behavioral Health

Health Prioritization 2018

Mental health includes our emotional, psychological, and social well-being. It affects how we think, feel, and act. It also helps determine how we handle stress, relate to others, and make choices. Behavioral health describes the connection between behaviors and the health and well-being of the body, mind and spirit.

Boone County Health Department

Mortality Trends by Type of Opioid Involved



- Top Causes of Stress
1. Financial - 29%
 2. Family Members - 18%
 3. Current Job - 17%



Indicators of Well-Being

Illinois

Boone County

Behavioral Health

POOR MENTAL HEALTH DAYS
Average number of mentally unhealthy days reported in past 30 days.

3.8%

3.9%

ADULT SMOKING
Percentage of adults who are current smokers.

15%

16%

ALCOHOL IMPAIRED DRIVING DEATHS
Percentage of driving deaths with alcohol involvement.

33%

21%

EXCESSIVE DRINKING
Consuming more than 5 alcoholic drinks in a single occasion.

21%

21%

MENTAL HEALTH PROVIDERS
Ratio of population to mental health providers

530:1



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Appendix 4-B Slide presentation for Prioritization Forum

Mobilizing Action through Planning and Partnerships (MAPP) Strategic Prioritization Process

Wednesday April 18th, 2018

Hosted by
The Boone County Health Department and the
Boone County Comprehensive Plan Team



Agenda

- Welcome and Introductions
- Background and overview of the Health Department's MAPP process and the County Comprehensive Planning Process
- Introduction of Emerging Themes from the data collection and assessment process
- Data Presentations (Table Activity)
- Strategic Prioritization Worksheet Activity
- Closing Remarks/Next Steps



Introduction The collaboration



YACCHO MAPP logo



Boone County MAPP logo



BOONE COUNTY
COMPREHENSIVE PLAN
2028
Comp Plan logo





Our most important Teammates: YOU!





Acronym Overload

- CP: Boone County Comprehensive Plan
- BCHD: Boone County Health Department
- IPLAN: Illinois Project for the Local Assessment of Needs.
- MAPP: Mobilizing for Action through Planning and Partnerships.
 - MAPP is the PROCESS that BCHD is using to complete its IPLAN.



BCHD's MAPP and the Boone County CP Matchup

- The purpose of IPLAN:
 - Help communities prioritize public health issues.
 - Identify resources
 - MAPP allowed us to collect data
- The purpose of the Comprehensive Plan:
 - To develop a roadmap for the future of Boone County.
 - Driven by the community's needs, vision, and values
- Building these two plans simultaneously informed each other, shared resources and saved LOTS of money!



We looked for a model.....

- Of County CP merged with IPLANS in Illinois and in the field with little success.
- Boone County is now creating a pilot of a new model that may help inform other counties to have a more collaborative relationship between their health and planning departments.



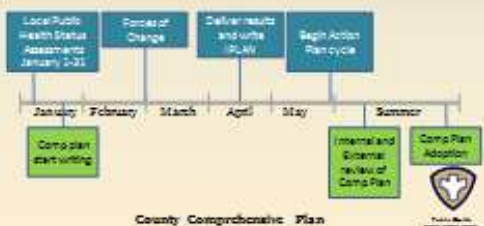
Time line of Processes 2017

Boone County Health Department



Time line of Processes 2018

Boone County Health Department



MAPP Process



Top Emerging Themes from MAPP

- Maternal Child Health
- Environmental Quality
- Violence and Trauma
- Chronic Disease
- Mental/Behavioral Health
- Local Public Health System
 - Sharing data
 - Communication
 - Access to Care
 - Health Equity

Some of these are health issues and some of these are how we look at health issues



Top Emerging Themes from MAPP

Health issues

- Maternal Child Health
- Environmental Quality
- Violence and Trauma
- Chronic Disease
- Mental/Behavioral Health

How we look at health issues

- Local Public Health System
 - Sharing data
 - Communication
 - Access to Care
 - Health Equity



Put another way

- How we look at a health concern is called a LENS
- **Local Public Health System:** Remember the jelly bean slide!
- **Access to Care:** Do we have all the resources we need to take care of the people in our community?
- **Health Equity:** Does everyone have the same opportunity "attain his or her full health potential"?



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Put yet another way

Health Burden & Access Barriers (Hurttex) Widen Equity Gap



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5 Health Priorities to examine

- Maternal Child Health
- Environmental Quality
- Violence and Trauma
- Chronic Disease
- Mental/Behavioral Health



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Why are we here?

- Discuss those 5 health priorities
- You will narrow them to 3
- They will then become the 3 health priorities of the IPLAN and our Community Health Improvement Plan.



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