



Community Health Assessment

2016—2021

*Leading our Community in
Prevention*

www.pikecountyhealth.com

Table of Contents

LETTER FROM DIRECTOR 3

- Mission and Values

COMMUNITY HEALTH ASSESSMENT PROCESS..... 5

- Methodology
- Community Data Collection
- Community Partner—Organizations
- Community Partner—Individuals
- Healthy Pike County Vision

COMMUNITY HEALTH STATUS 12

- Pike County Data at a Glance
 - Demographic Factors
 - Social Factors
 - Physical Factors
 - Behavioral Factors
 - Access to Care
 - Maternal and Child Health
 - Diabetes
 - Cancers
 - Respiratory Illness

COMMUNITY STRENGTHS AND RISKS ON HEALTH..... 16

FORCES OF CHANGE..... 17

LOCAL PUBLIC HEALTH SYSTEM 18

APPENDIX I..... 19

- Community Health Assessment Survey
- Community Health Assessment Survey Results

APPENDIX II..... 29

- Local Public Health Systems Assessment

LETTER FROM DIRECTOR

**Public Health Director
Rafael Rangel, MD, MPH**



Due to the many changes in our health care system, the Pike County Health Department has become more committed than ever to identifying public health issues and addressing those issues with policies to increase the quality of life in our communities. Utilization of the Mobilizing for Action through Planning and Partnerships (MAPP) model, we were able to prioritize public health issues for Pike County and identify the resources needed to address them. We are pleased to present our Community Health Assessment (CHA), a combined effort by the Pike County Health Department and our many community partners.

This process has led to the formation of a health coalition comprised of partners who represent a cross section of service agencies and individuals committed to the health of their communities. It is our hope that this assessment is just the beginning, and that this coalition will continue with developing goals, objectives, and strategies to mobilize partnerships and improve the health of Pike County.

We would like to thank our community partners (see pages 6-9) for all their dedication to this assessment of Pike County. These dedicated individuals participated in two different community health forums to lay the groundwork for our CHA and Community Health Improvement Plan (CHIP). We would also like to thank the 1,400 residents of Pike County who completed surveys for the CHA; without the input of all these individuals, this project would not have been possible.

We welcome your feedback on our CHA. You may visit us at www.pikecountyhealth.com to learn how the Pike County Health Department is working to protect and improve the health of Pike County residents.

Sincerely,

Rafael Rangel, MD, MPH

Rafael Rangel, MD, MPH
Pike County Health Department Director

Mission and Values

The mission of the Pike County Health Department is to provide services and education to safeguard the health of the community.



COMMUNITY HEALTH ASSESSMENT PROCESS

Methodology

The Pike County Health Department (PCHD) and its community partners utilized a community health assessment process based on the Mobilizing for Action through Planning and Partnerships (MAPP) model. MAPP is a community-driven strategic planning process which helps communities apply strategic thinking to prioritize public health issues and identify resources to address them. MAPP is not an agency-focused assessment process; rather, it is an interactive process that can improve the efficiency, effectiveness, and ultimately the performance of local public health systems. The assessments used in the MAPP process include Community Health Status Assessment, Community Strengths and Risks Assessment, Forces of Change Assessment, and the Local Public Health System Assessment.

The PCHD augmented the MAPP process with a Three Perspective approach to gathering information. Data gathered in conjunction with the Community Health Status Assessment provided a Data Perspective on the health of each community within Pike County. Information gathered during Community Forums, primarily attended by representatives of community partner organizations, provided the Organizational Perspective. In an effort to add the perspective of individual citizens of each community, both paper and electronic surveys were distributed; information from these surveys provided the Individual Perspective. In addition, the Local Public Health System Assessment was completed in each community, utilizing the asset mapping approach.

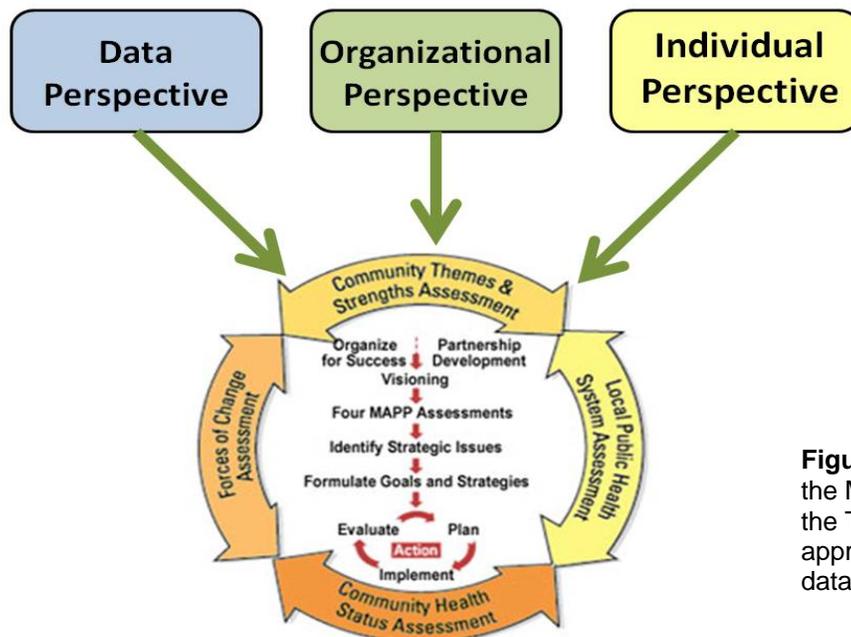


Figure 1: Diagram of the MAPP model with the Three Perspective approaches for gathering data and information.

Community Data Collection

In order for the PCHD to create, distribute, and analyze community surveys for the Individual Perspective of the community, we enlisted the services of the University of Kentucky’s College of Public Health. Surveys were provided, via electron link, to health department staff, coalition members, community partners, and schools, as well as placed on our website. After a data collection period of one month, October, a total of 1,500 community surveys were collected and analyzed for the community’s Individual Perspective for the MAPP process. Refer to **appendix I** for a copy of the survey and survey results.

Community Partner—Organizations

Table 1: Lists the PCHD community partner organizations that were represented at the Community Forums that helped to provide the Organizational Perspective of our MAPP process.

Appalachian Hospice Care	Mountain Comprehensive Care Center
Big Sandy Community and Technical College	Pike County Board of Education
City of Coal Run	Pike County Board of Health
Community Trust Bank	Pike County Health Department
East Kentucky Broadcasting TV & Radio	Pike County Senior Program
Elkhorn City Area Heritage Council	Pike County Sheriff’s Department
Feds Creek Elementary	Pikeville Independent Schools
Johns Creek Elementary	Pikeville Medical Center
Judi’s Place for Kids	Pikeville YMCA
Kentucky College of Osteopathic Medicine	Presbyterian Homes and Services Organization
Kentucky State Police	SOAR/CDC
Kentucky Transportation Cabinet	Tug Valley ARH
Kentucky Vehicle Enforcement	University of Pikeville

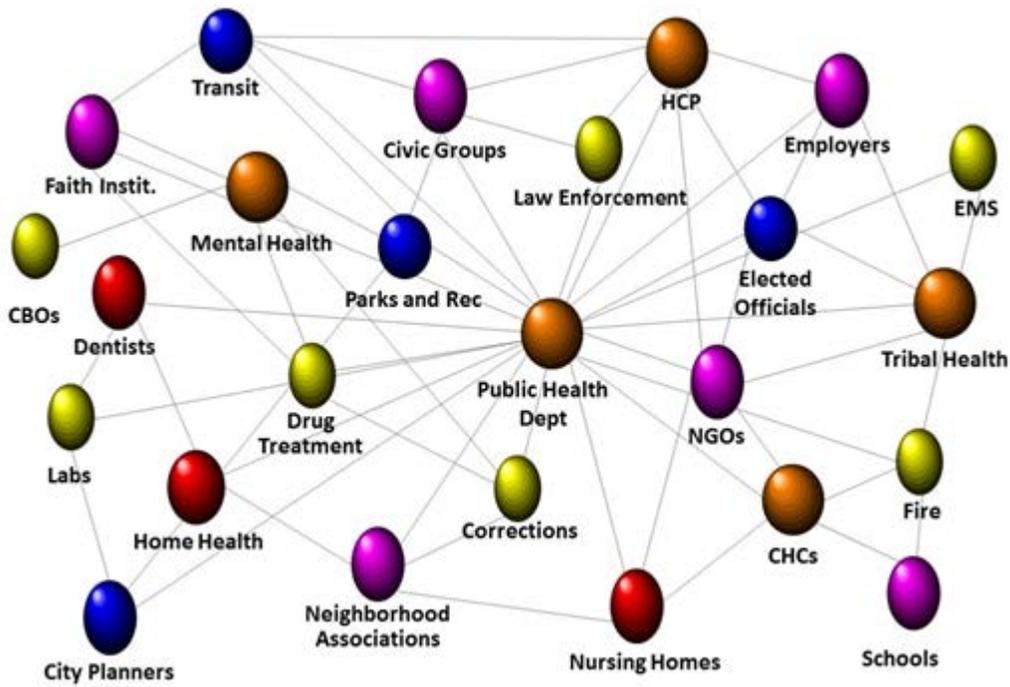


Figure 2: The “Egg Chart” depicts a sample of people and organizations that comprise the local public health system.

Community Partner—Individuals

Table 2: Lists the PCHD individual community partners that were represented at the Community Forum to help provide the Organizational and Individual Perspective for our MAPP process.

Name	Title	Organization
Melissa Downey	Coordinator Phelps Senior Center	Pike County Senior Program
Rhonda Moore	FRYSC Coordinator	East Ridge High School
Paula Vaughn, RN	Community Chief Nursing Officer	Tug Valley ARH
Ireland Blankenship	Board Member	Pike County Board of Education
Dwayne Smith	FRYSC Coordinator	Johns Creek High School
Dawn Rowe	FRYSC Coordinator	Pikeville Independent Schools
Sara Bailey	Processing Clerk	Pike County Sheriff's Department
Nina Reynolds	Director of Infection Control	Pikeville Medical Center
Linda Noe	Coordinator Blackberry/McCarr Senior Center	Pike County Senior Program
Diana Thacker	Program Director	Pike County Senior Program
Steven Mounts	Public Affairs Officer	Kentucky State Police
Patricia Adkins	Pikeville Senior Center	Pike County Senior Program
Jerica Hamlin	School Based Therapist	Mountain Comprehensive Care Center
Trista Robinson	School Based Therapist	Mountain Comprehensive Care Center
Kimberly Cantrell	Public Health Advisor	CDC
Cindy Hamilton	Director of Administrative Services	Pike County Health Department
Suetta Clevinger	Public Health Services Manager	Pike County Health Department
Ballard Shumate	Council Member	Elkhorn City Area Heritage Council
John Rehmeier	Executive Director A-OPTIC	University of Pikeville
Jessica Taylor	Registered Nurse	Presbyterian Homes and Services Organization
Ken Billiter	Board Member	Pike County Board of Education
Jim Hatfield	Program Coordinator	Pikeville YMCA

Name	Title	Organization
Tammy Gregory	School Health Coordinator	Pike County Board of Education
Debra Huffman	Board Member	Pike County Board of Health
Sheila Belcher	Standards and Interpretations Coordinator	Pikeville Medical Center
Susie Stanley	Coordinator Belfry Senior Center	Pike County Senior Program
Katherine Bryant	Coordinator Shelby Valley Senior Center	Pike County Senior Program
Mary Simpson	Dean, School of Nursing	University of Pikeville
David Roberts	Public Health Advisor	SOAR/CDC
Jamie Fields	Public Affairs Officer	Kentucky Vehicle Enforcement
Rafael Rangel, MD	Public Health Director	Pike County Health Department
Janet Johnson	MNT Nutritionist III	Pike County Health Department
Sherry Riddle	CEO/Executive Director	Pikeville YMCA
Rita Shumate	Council Member	Elkhorn City Area Heritage Council
Jettie Stevenson	Coordinator Kimper Senior Center	Pike County Senior Program
Theresa Maynard	Assistant Vice President	Community Trust Bank
Sherrie Tibbs	Registered Nurse	Mountain Comprehensive Care Center
Israel Howard	Health and Physical Education Teacher	Pikeville Independent Schools
Matthew Good	Health Educator III	Pike County Health Department
Yamiley Coleman	Health Educator II	Pike County Health Department
Lynn Cross	Chief Deputy	Pike County Sheriff's Department
Laura Kretzer	Executive Director	Judi's Place for Kids
Sandra Layne	Administrative Specialist	Kentucky Transportation Cabinet
Carolyn Tackett	Coordinator Pikeville Senior Center	Pike County Senior Program
Terry Tackett	Highway Safety Coordinator	Kentucky Transportation Cabinet
Shannon Deskins	Reporter	East Kentucky Broadcasting TV & Radio
Shana Slone	School Based Therapist	Mountain Comprehensive Care Center
Jenna Meyer	Public Health Advisor	SOAR/CDC

Name	Title	Organization
Jackie Cole	Environmental Health Director	Pike County Health Department
Stephanie Bentley	Nurse Supervisor II	Pike County Health Department
Jan Mercer	FRYSC Coordinator	Feds Creek Elementary
Carla Reed, RN	Registered Nurse	Tug Valley ARH
Amanda Varney, RN	Registered Nurse	Williamson Memorial/Frontier Nursing University
Brenda Miller	Workforce Solutions	Big Sandy Community and Technical College
Megan Williams	Public Health Advisor	SOAR/CDC
Cathy Rehmeyer, Ph.D.	Associate Professor of Pathology	Kentucky College of Osteopathic Medicine
William Johnson	Director of Pupil Personnel	Pikeville Independent Schools
Jennifer Fraley	Assistant City Clerk	City of Coal Run
Jessica Helvey	Health Educator I	Pike County Health Department
Cheryl Hickman	VP – Assistant to President/CEO	Pikeville Medical Center
Maleshea Dunning, DO	Family Practice Physician	Pikeville Medical Center
Renee' Wysor	QAPI Coordinator and Staff Educator	Appalachian Hospice Care
William Betz, DO	Chair, Department of Family Medicine, Senior Associate Dean for Osteopathic Education	University of Pikeville

Healthy Pike County Vision

During the Community Health Forum for the community needs assessment, participants were asked to envision what a healthy Pike County would look like. **Table 3** depicts what community participants decided would make Pike County look healthy. This helped to obtain the Organizational and Individual Perspective of the MAPP process.

Visioning: What does a healthy Pike County look like?	
Drug Free	Decrease in Diabetes
Decrease in Obesity	Decrease in Smoking
Affordable Care	Increase in Physical Access
Increase in Prevention	Workplace Wellness
Safety	Hopeful/Engaged
Decrease in Motor Vehicle Accidents	Increase in Knowledge of Health Habits
Education	Jobs
Decrease in Teen Pregnancy	Opportunity for Physical Activity
Knowledge of Resources	Decrease in Unemployment Rate
Increase in per Capita Income	Decrease in Disability
Awareness of Environmental Conditions	Mental Health
Civic Involvement	Senior Programs
Safer Roads	



Picture 1: Groups of community partners working together at the Community Health Forum held at the public library

COMMUNITY HEALTH STATUS

Pike County Data at a Glance

Table 4 depicts the social, physical, and behavioral factors influencing the population the PCHD serves. It also depicts residents' access to care and maternal/child health, along with certain health conditions affecting the population at large.

	Pike County	Kentucky	US	Data Source
Demographic Factors				
Males (%)	49.0%	49.3%	49.2%	US Census Bureau (2010)
Females (%)	51.0%	50.7%	50.8%	US Census Bureau (2010)
<i>Race Statistics:</i>				
White (%)	97.8%	88.0%	76.9%	US Census Bureau (2016)
African American (%)	0.8%	8.3%	13.3%	US Census Bureau (2016)
Hispanic (%)	0.8%	3.5%	17.8%	US Census Bureau (2016)
Persons Under 5 Years (%)	5.9%	6.5%	6.5%	US Census Bureau (2010)
Persons Under 18 Years (%)	21.9%	23.6%	24.0%	US Census Bureau (2010)
Persons 65 Years and Over (%)	13.7%	13.3%	13.0%	US Census Bureau (2010)
Population Classified as Veterans	3,041	289,837	19,535,341	US Census Bureau (2012—2016)
Population Classified as Foreign Born (%)	0.8%	3.5%	13.2%	US Census Bureau (2012—2016)
Population With a Disability, Under 65 Years (%)	23.4%	13.0%	8.6%	US Census Bureau (2012—2016)
Social Factors				
Population	60,555	4,436,974	323,127,513	US Census Bureau (2016)
High School Graduation Rate (% of persons age 25+)	75.0%	84.6%	87.0%	US Census Bureau (2012 – 2016)
Bachelor's Degree or Higher (% of persons age 25+)	12.9%	22.7%	30.3%	US Census Bureau (2012 – 2016)
Unemployed Persons 16+ (%)	11.7%	8.3%	7.4%	Local Area Unemployment Statistics (2013)
Persons Below the Poverty Level (%)	31.4%	18.5%	12.7%	US Census Bureau (2016)
Children Living Below Poverty Level Under the Age of 18 (%)	29.0%	25.5%	22.2%	Small Area Income and Poverty Estimates (2013)
Self-Rated Health Status (% of Adults Who Report Fair or Poor Health)	35.0%	21.0%	17.0%	County Health Rankings (2015)
Children in single parent households (%)	31.0%	34.0%	31.0%	County Health Rankings (2015)
Median Household Income (in 2016 dollars)	\$32,816	\$44,811	\$55,322	US Census Bureau (2012—2016)

Physical Factors				
# of Recreational Facilities (per 100,000)	3	328	30,393	County Business Partners (2013)
Air Pollution – Particulate Matter Days	12.96	13.47	11.3	CDC Wonder (2011)
Behavioral Factors				
Prevalence of Adult Smoking (%; Age-adjusted)	30.5%	26.1%	21.7%*	BRFSS (2006 – 2012)
Prevalence of Youth Smoking (% of high school students)	27.0%	25.0%	23.0%	Kentucky Health Facts (2007)
Adult Prevalence of Obesity (%; Age-adjusted)	37.0%	31.0%	30.4%*	BRFSS (2006 – 2012)
Sexually Transmitted Infection (Chlamydia rate per 100,000)	204.1	394.3	453.3	STD Surveillance System (2012)
Binge drinking: Adults (%; Age-adjusted)	7.5%	11.5%	16.3%*	BRFSS (2006 – 2012)
No Exercise: Adults (%; Age-adjusted)	38.5%	28.7%	25.9%*	BRFSS (2006 – 2012)
Recommended Fruit and Vegetable Intake (% adults)	10.0%	11.0%	-	Kentucky Health Facts (2011 – 2013)
Flu Vaccination in the Past Year (% adults)	43.0%	39.0%	-	Kentucky Health Facts (2011 – 2013)
Tooth Loss (% of adults missing 6 or more teeth)	33.0%	23.0%	-	Kentucky Health Facts (2011 – 2013)
Access to Care				
Primary Care Providers (per 100,000)	72.4	78.2	48	Area Health Resources Files (2011)
Immunization Coverage for Ages 19-35 Months (%)	85.0%	80.0%	81.0%	Kentucky Health Facts (2007)
Uninsured Adults (% under 65 years)	17.5%	16.8%	16.8%	Small Area Health Insurance Estimates (2013)
Uninsured Children (% under 19 years)	6.6%	6.5%	7.5%	Small Area Health Insurance Estimates (2013)
Mentally Unhealthy Days: Adults (per person; Age-adjusted)	6.9	4.3	-	BRFSS (2006 – 2012)
Maternal and Child Health				
Teen Birth Rate (ages 15-19; rate per 1,000)	55.1	39.5	26.5	National Vital Statistics System – Natality (2013)
Pregnant Women Receiving Adequate Prenatal Care (%)	65.0%	66.0%	-	Kentucky Health Facts (2008 – 2012)
Number of Child Victims of Substantiated Abuse	279	17,917	-	KIDS COUNT Data Center (2013)
Low Birth Weight Deliveries (%)	10.3%	8.8%	8.0%	National Vital Statistics System – Natality (2011 – 2013)
Moms Who Smoked During Pregnancy (%)	31.6%	22.6%	-	KIDS COUNT Data Center (2010 – 2012)
Early Childhood Obesity (age 2-4 years; %)	15.8%	15.6%	-	KIDS COUNT Data Center (2010)

Diabetes				
Diabetes Screenings (% of Medicare Enrollees That Receive Screening)	82.3%	85.2%	84.6%	Dartmouth Atlas of Health Care (2012)
% of Adult Population with Diabetes (Age-adjusted)	13.8%	9.4%	8.1%*	BRFSS (2005 – 2011)
Cancers				
Cancer Deaths (rate per 100,000; Age-adjusted)	240.1	200.5	166.2	National Vital Statistics System – Mortality (2011 – 2013)
Lung, Trachea, and Bronchus Cancer Deaths (rate per 100,000; Age-adjusted)	81.5	69.1	44.7	National Vital Statistics System – Mortality (2011 – 2013)
Colorectal Cancer Deaths (rate per 100,000; Age-adjusted)	26.1	17.4	14.9	National Vital Statistics System – Mortality (2011 – 2013)
Breast Cancer Deaths (rate per 100,000; Age-adjusted)	29.6	22.4	21.3	National Vital Statistics System – Mortality (2011 – 2013)
Prostate Cancer Deaths (rate per 100,000)	22.8	20.8	-	Kentucky Cancer Registry (2009 – 2013)
Respiratory Illness				
Adults with Asthma (%)	18.0%	15.0%	-	Kentucky Health Facts (2011 – 2013)
Number of Inpatient Hospitalizations Due to Asthma (0-17 year olds)	113	6,837	-	2009 – 2011 KY Cabinet for Health and Family Services

Data Collected: January 24, 2018; September 16, 2015

* US Median Rate

- No Data Found

The PCHD recently opened a Syringe Exchange Program (SEP) in the city of Pikeville to help combat the substance abuse going on in the county. The SEP started at the end of March 2016 and has slowly increased its participation rate with injection drug users (IDUs). As of June 19, 2017, there have been a total of 134 individual participants in the SEP from Pike County, of those, 23 are currently in treatment for their addiction. Roughly 67.9% of the 134 SEP participants are male and 37.3% are female, with the average age being 36 years. Furthermore, as of June 19, 2017, there have been a total of 1,761 used needles collected and a total of 2,919 clean needles distributed from the SEP. The majority of participants (90.3%) have addresses within Pikeville, with the next highest participation rate coming from Elkhorn City at 4.5%, followed by Ashcamp at 2.2%, and Freeburn, Shelbiana, and Harold all at 1.5%.

Pike County is a rural Appalachian community that has relied heavily on coal mining as a source of work and income for its residents for many years. As coal mining jobs disappear, unemployment has increased to almost 12%. The high unemployment rate and low median income for households contributes to the high poverty level for the county. Pike County's poverty level (31.4%) is almost double that of the state and nationally (18.5% and 12.7%, respectively).

As a whole, Pike County has almost a 10% lower high school graduation rate than at the state and national levels. With lower levels of education attainment there is an increase in smoking rates, which is true for Pike County. Of the adult population 30.5% smoke, with 27% of high school students indicating they smoke; both percentages are higher than the state and national average. Along with a high percentage of the population who smoke, the rate of overall cancer deaths is high among Pike County residents. Deaths rates from lung, trachea, and bronchus cancer for Pike County is almost double that of the national average (81.5 and 44.7, respectively).

Pike County is a predominantly white community (97.8%), with less than 1% of its population identifying as African American or Hispanic. Additionally, 0.8% of residents in Pike County are considered foreign born, which is considerably lower than the state and national percentage (3.5% and 13.2%, respectively).

COMMUNITY STRENGTHS AND RISKS

Table 5 depicts the strengths of Pike County and the “risks” of the county that could have an impact on the health of its residents; the table was created from the Community Health Forum facilitated by the PCHD at the public library. These strengths and risks are from the Organizational and Individual Perspective of the MAPP process.

Community Strengths and Risks Assessment	
Strengths	Risks
Primary Care Providers	Need more health related information - Kids
Pike County Health Department	Information – Elder Abuse
Hospitals	Family Support
Senior Citizens	Impact – Trauma in home
College	Availability – healthy food
Nursing Program	Food habits
Law Enforcement	Drug Abuse
Strong Family Ties	Mental Health – information only
Workforce	Domestic Violence
Strong Community	Unemployment
Faith-Based Support	Waiting too long to see care (ER)
Local food	Physical Activity – schools
Long Term Care	Fast food availability
School Nurses	More law enforcement
School Health Programs	Geographic Location
University of Kentucky	Media
Natural Resources	Legalized Pain Clinics
Physical Activity	Health Behavior – pregnancy
Tourism	Long Term Care – Education on services
Economic Development	

There are many strengths and assets to the Pike County area that can be built upon to combat the perceived risks of the county. In many aspects, getting organizations to collaborate, communicate, and share data will reduce the perceived risks for the county because many organizations monitor those risks, but there is a lack of action with the data which continues to be a problem in addressing some of these risks.

FORCES OF CHANGE

Table 6 depicts the Community Health Forums discussion about the “forces of change”, which can affect the health and wellbeing of the residents of Pike County whether it is positive or negative. These are from the Organizational and Individual Perspective of the MAPP process.

Forces of Change Assessment	
Positive	Negative
Increase in Education Level	Closing Mines
Increase in Diversity	Fast Food
Increase in Evidence Based Programs	Decrease in Population
Power Plus – Coal Reclamation	Increase in Home Schooled Students
Integration of Primary Care and Mental Health	Increase in Drugs
Increase in Access to the Arts	Increase in Alcohol Intake
Sports in Schools	Increase in Chewing Tobacco
Collaboration	E-cigs and Vaping



Picture 2: Groups of community partners working together at the Community Health Forum held at the public library

LOCAL PUBLIC HEALTH SYSTEM

The PCHD and its community partner organizations and individual partners conducted a Local Public Health Needs Assessment using an asset mapping approach. Public Health System Asset Mapping refers to a community-based approach of assessing the resources and programs of the public health system within a specific community as they relate to the 10 Essential Public Health Services (see **figure 3**). Once gathered, this asset map of the public health system programs and services was disseminated to community partners for use in referring citizens to appropriate services. In addition, the Public Health System Asset Map was utilized during the Community Health Improvement Planning (CHIP) process to provide a list of assets that can be used toward strategic initiatives and/or gaps in the system that must be filled before strategic initiatives can be addressed. See **appendix II** for the system assessment using the asset mapping approach organized by the 10 Essential Public Health Services.



Figure 3: The 10 Essential Public Health Services used as a guideline for the asset mapping exercise

APPENDIX I

Community Health Assessment Survey



Pike County Community Health Questionnaire

By answering these questions, you are helping the Pike County Health Department and our community partners better understand and address the needs of our local area. We do not ask for your name, so please answer the question truthfully. We thank you for your cooperation.

Gender

- Male
- Female

Age:

- Under 18
- 19-25
- 26-35
- 36-45
- 46-55
- 55 or older

From the list below, please select the area in Pike County closest to where you live:

- Belfry
- Elkhorn City
- Phelps
- Pikeville
- Virgie/Dorton

What is your race?

- White/Hispanic
- White/Non-Hispanic
- Black/African American
- Asian
- American Indian or Alaskan Native
- Native Hawaiian/ Pacific Islander
- Other: (Please Specify) _____

***NOTE:** An error was made in the development/wording of the 'race' categories. It should have been "Hispanic" not "White/Hispanic".

From the list below, select the top three health issues you feel must be addressed in our community:

- Economy (Jobs and Income)
- Cancer
- Access to healthy choices (foods, stores, activities, etc.)
- Transportation
- Teen Birth Rate
- Obesity
- Diabetes
- Other _____

What are the strengths of our community that can help our citizens be healthier (Select all that apply)?

- Primary Care Providers
- Pike County Health Department services
- Hospital
- Schools, Colleges
- Strong Family Ties
- Tourism and Economic Development
- Natural Resources
- Other: (Please Specify) _____

What are the issues and risks in our community that might impact health (Select all that apply)?

- Drug Abuse
- Not enough information on how to be healthy
- Unemployment
- Poor choices related to health (food choices, lack of exercise etc)
- Waiting too long to seek care
- Other: (Please Specify) _____

What events that are occurring, or might occur, in our community, could have a positive impact on health (Select all that apply)?

- Increase in education
- Increase in diversity of our population
- Increase in the use of evidence-based health programs
- Integration of Primary Care and Mental Health Care
- Community Collaboration
- Coal Reclamation
- Other: (Please Specify) _____

What events that are occurring, or might occur, in our community, could have a negative impact on health (Select all that apply)?

- Unemployment
- Increase in fast food or unhealthy food options
- Increase in substance abuse (drugs, alcohol, tobacco etc)
- Students not attending school
- Decrease in Population
- Others? Please list below: _____

Please share specific examples of people or groups working together to improve the health and quality of life in our community:

If you have any other comments, regarding the health of our community, please share in the space provided:

Thank you!

Community Health Assessment Survey Results

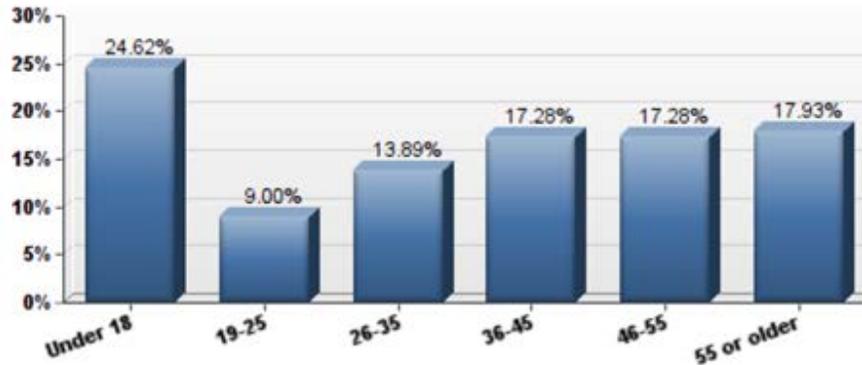
Community/Individual Perspective



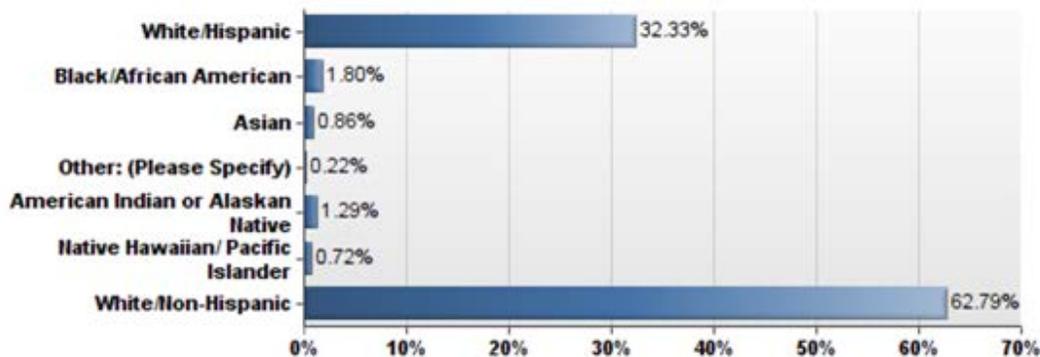
Demographics: Gender



Demographics: Age



Demographics: Race ★



***NOTE:** An error was made in the development/wording of the 'race' category for the survey. It should have been "Hispanic" not "White/Hispanic". We believe that this contributed to the distorted figure of 'White/Hispanic' representing ~ 32% of our survey population; this is **not** indicative of Pike County's overall Hispanic population which is ~ 0.8%. We hypothesis many respondents chose this option as indicating 'White' not 'Hispanic', which combined with our "White/Non-Hispanic" respondents would more accurately represent the 'white' population of Pike County (~ 98%).

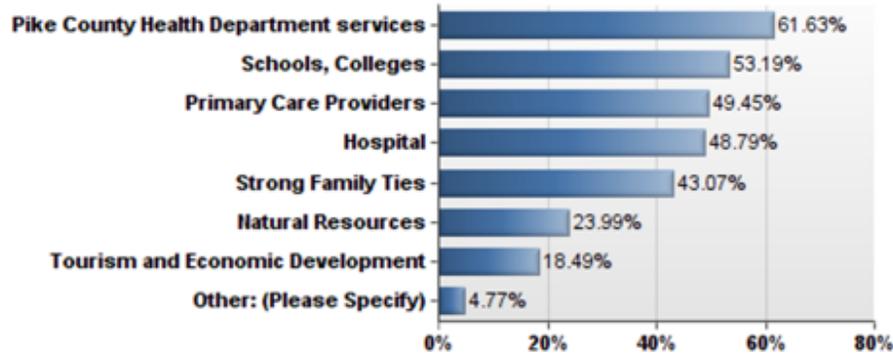
Top Three Issues which Need to be Addressed in our Community



Other Issues that Need to be Addressed in our Community

1. **Drug Abuse/Substance Abuse/Alcohol/Tobacco/Addiction**
2. **Mental Health**
3. **Affordable and Dependable Health Insurance/Dental Care/Prescription Coverage/Decrease cost of health care/Facility Fees at Hospital**
4. **Education about Health and Healthy Lifestyle/**
5. **Heart Disease & Hepatitis C**

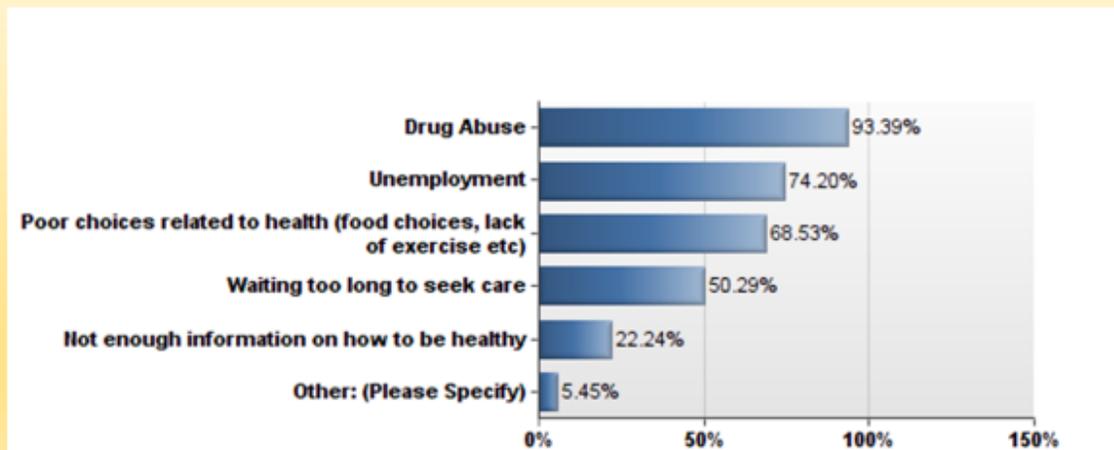
What are the Strengths of our Community that can Help our Citizens be Healthier



Other Strengths of our Community that can Help our Citizens be Healthier

1. Churches/Faith Based Groups/Strong Christian Values/Family Ties
2. YMCA/Physical Education in Schools/Health Clubs & Exercise Facilities/Increase in Physical Activity/Youth Centers/Nature
3. Community Programs and Health Fairs
4. Economy: Tourism/Industry/Job Growth
5. Desire to be Healthy

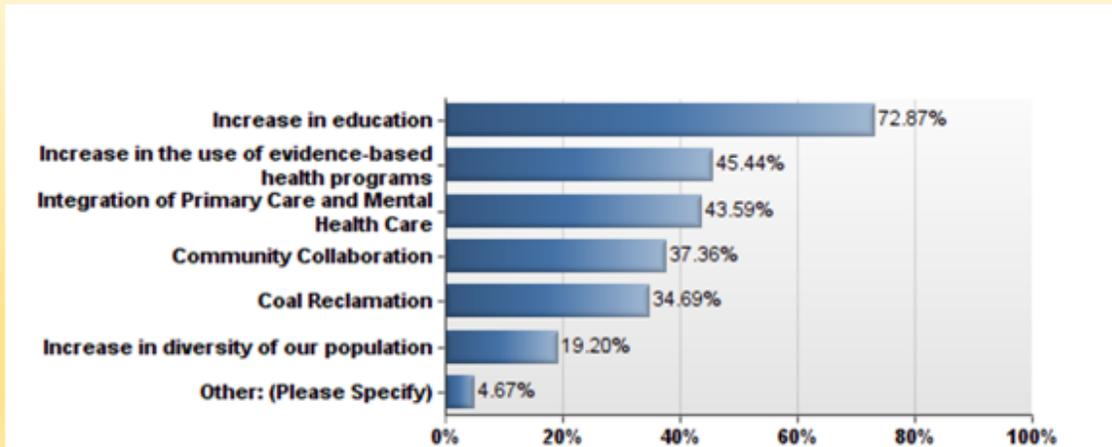
What are the issues and risks in our community that might impact health



Other issues and risks in our community that might impact health

1. Lack of Insurance/Increase in Health Care Costs/Unaffordable Healthcare/Long Waiting Periods to see Doctor/Lack of Primary Care Physicians/Lack of Mental Health Providers
2. Lack of Money/Health Options are too Expensive/Unemployment
3. Drug Abuse/Alcohol Abuse/Needle use
4. Lack of Education and Knowledge/Inability to take Action about One's Health
5. Hopelessness/Lazy/Lack of Motivation/Despair

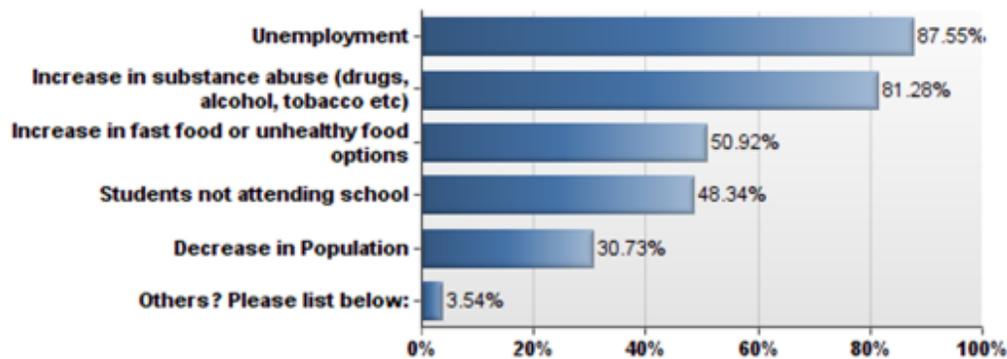
What events that are occurring, or might occur, in our community, could have a positive impact on Health



Other events that are occurring, or might occur, in our community, could have a positive impact on Health

1. Jobs/Job Fairs/Economic Diversity/More jobs outside of Coal/
2. Health Education/Active Community/Increased Interest in Fitness/Community Health Programs/5K
3. ACA/Access to Better Insurance/Health Fairs/Free Screenings

What events that are occurring, or might occur, in our community, could have a negative impact on Health



Other events that are occurring, or might occur, in our community, could have a negative impact on Health

1. Lack of Health Insurance/Increase in Healthcare Cost/High Copayments/Facility Fees (PMC)/
2. Coal Jobs/Coal Mines/Focus on Coal Industry
3. Politics/Misuse of Tax Dollars/Lack of Leadership

APPENDIX II

Local Public Health Systems Assessments

Table 7: Depicts the 1st Essential Health Service to monitor the health status of a population. This table recognizes the organizations that monitor Pike County's health and what services that organization provides to monitor and identify health problems.

Essential Public Health Services #1 Monitor Health Status to Identify Community Health Problems	
Organization	Service
Pike County Health Department	Epidemiology, environmental, school health and disease prevention
Judi's Place for Kids	Track child sexual abuse and severe physical abuse allegations and their status
Pikeville Independent Schools	Needs Assessment
Tug Valley ARH	Collaboration with local, state, and national leaders: community assessment
Pikeville Medical Center	Monitor infectious disease and report to local and state departments of health
Pike County Senior Program	Assessment
Mountain Comprehensive Care Center	Home place clinic, DID, Greenhouse programs, substance abuse, TRP, crisis stabilization center for youth, and crisis unit for adults
Pike County Schools	Monitor immunizations and physicals required. Monitor health conditions.
Family Resource and Youth Services	Needs Assessment

Table 8: Depicts the 2nd Essential Health Service to diagnose and investigate health problems within a population. This table recognizes the organizations and their services that they provide to diagnosis and investigate certain health conditions of Pike County residents.

Essential Public Health Services #2 Diagnose and Investigate Health Problems	
Organization	Service
Pikeville Senior Citizens	Home deliveries and in house meals
Pike County Health Department	TB, STD's, general health screenings, pregnancy tests, cancer screenings, communicable diseases, lead, and anemia
Pikeville Independent Schools	Vision screenings, hearing screenings, and presidential fitness testing
Pikeville Medical Center	Report diagnosis to public health for investigation
Elkhorn City Area Heritage Council	Walkability Survey for Handicapped
Blackberry McCarr Senior Center	Health Assessment
East Ridge High School	Health, vision, and hearing screenings
Tug Valley ARH	Safety fairs, education fairs, healthy eating, and review state and national healthcare stats for local community
Pike County Schools	Hearing screenings, vision screenings, call parents about lack of immunizations/physicals and call health department to arrange appointment, home visits for lice
Family Resource and Youth Services Centers	Family enrichment programs and health screenings

Table 9: Depicts the 3rd Essential Health Service to inform, educate, and empower the public. This table recognizes the organizations and their services that they provide to help inform, educate, and empower the residents of Pike County to make decision about their health.

Essential Public Health Services #3 Inform, Educate, and Empower People about Health Issues	
Organization	Service
Pike County Health Department	Public education through newspaper, radio, TV, and billboards. WIC, prenatal, and HANDS. Education in prevention classes – tobacco, alcohol, drug, and smoking cessation. School nutrition and fitness program (planet health), community outreach program, diabetes classes, food handlers classes, food managers classes, certified sewage installers classes, gardening, and pool manager classes.
Mountain Comprehensive Care Center	Educate patients on mental health and physical health through consultations, prevention, and treatment.
Pikeville Independent Schools	Suicide prevention education, mental health education, and substance abuse education.
East Ridge High School	Drug and alcohol prevention program.
Judi's Place for Kids	Education to prevent, recognize, and respond to child sexual abuse. Other public trainings as requested on child abuse/child development issues.
Community Trust Bank	Wellness Program offered to all employees.
Kentucky Department of Transportation	Educate employees
YMCA	Education, youth fitness, childhood obesity, and diabetes class
Pike County Schools	Hand out information on lice and supplies. Call parents about screening failures.
Pikeville Medical Center	Offer education opportunities for public such as healthy living, diabetes education, cancer forums, and birthing classes.
Pike County Senior Program	Health education
Tug Valley ARH	Wellness, diabetes, heart disease, and smoking cessation
Presbyterian Homes and Services	In-services (education to staff and education for resident families)

Table 10: Depicts the 4th Essential Health Service to mobilize communities to address health problems. This table recognizes the organizations and the services they provide to help mobilize Pike County residents to address their health problems.

Essential Public Health Services #4 Mobilize Community Partnerships and Action to Identify and Solve Health Problems	
Organization	Service
Pikeville Independent Schools	Guest speakers, agency meetings, and wellness committee
YMCA	Partnerships with PMC for referral after rehab, health department for Healthy Monday & Wellness Wednesday, and city/county schools. Fit Pike County Committee, city government – aquatics.
Judi's Place for Kids	Facilitate multidisciplinary team on child sexual abuse for Pike County.
University of Pikeville	Frontier Medicine, Better health partnerships, and Big Sandy Diabetes Coalition
Mountain Comprehensive Care Center	Case management services, health advocates, and school based therapy
Presbyterian Homes and Services	Mobile x-ray services, health fairs, wellness checks, and labs with ARH hospital
Pike County Health Department	Work with senior citizens, hospitals, school systems, businesses, vital statistics, and state health department. Work with Big Sandy Diabetes Coalition, Fit Pike, and health professionals. Work with diabetes partnerships, family planning group, Eastern KY Breastfeeding Coalition, Lactation Improvement Network of KY, ASAP, FAIR, and Unite.
Pike County Senior Program	Health fairs
Tug Valley ARH	Diabetic Coalition and partnership with local and state health care agencies
Elkhorn City Area Heritage Council	Walkability survey and pedestrian plan

Table 11: Depicts the 5th Essential Health Service to develop policies and plans. This table recognizes the organizations and the services they provide to help develop policies and plans for the health and wellbeing of Pike County residents.

Essential Public Health Services #5 Develop Policies and Plans the Support Individual and Community Health Efforts	
Organization	Service
Pikeville Independent Schools	Wellness policy
Elkhorn City Area Heritage Council	Pedestrian plan to promote walking
Pike County Schools	Organized a coordinated school health committee
Pike County Health Department	State policies, local policies, smoke free policies, strategic plan to increase breastfeeding rates, and community programs
Family Resource and Youth Services Centers	Clothing Closet
Tug Valley ARH	Wellness events with local schools
Pike County Senior Program	Senior Games with BSADD
Mountain Comprehensive Care Center	Residential programs, case management, and assisting clients with becoming independent in community

Table 12: Depicts the 6th Essential Health Service to enforce laws and regulations. This table recognizes the organizations and the services they provide to enforce laws and regulations to protect the health and safety of Pike County residents.

Essential Public Health Services #6 Enforce Laws and Regulations that Protect Health and Ensure Safety	
Organization	Service
Pikeville Medical Center	Works with organizations to report patient issues such as abuse in situations where patient would be in danger
Mountain Comprehensive Care Center	Mandatory reporting of abuse and neglect
Pike County Health Department	TB control, communicable disease reporting, HIPPA, lead reporting laws, and police role in regulating citizens, food establishments, sewage systems, mobile home parks, tattoo/ear piercing, swimming pools, rodent complaints, complaints, and public restrooms.
Pikeville Independent Schools	Required school health documents: physicals, immunizations, eye exams, and dental screenings
Family Resource and Youth Services Centers	Parent and child evaluations
Presbyterian Homes and Services of Kentucky	Follow state guidelines
Judi's Place for Kids	Follow regulations for reporting allegations of child abuse and follow state/national standards for children's advocacy centers
Pike County Schools	Send students home for lack of immunizations
Tug Valley ARH	Proactive risk assessment to ensure patient safety

Table 13: Depicts the 7th Essential Health Service to link people to needed health services. This table recognizes the organizations and the services they provide to link Pike County residents to care.

Essential Public Health Services #7 Link People to Needed Personal Health Services and Assure the Provision of Health Care when Otherwise Unavailable	
Organization	Service
Family Resource and Youth Services Center	After school child care
Pike County Health Department	Prevention programs such as women’s cancer screening program, family planning, KYNECT, and vaccinations. Breastfeeding referral to lactation consultant/peer counselors
Pikeville Independent Schools	Referrals to health and social services
Judi’s Place for Kids	Referrals to a variety of health and social services
Pikeville Medical Center	Case Management and work to connect patients with needs to organizations that provide assistance
YMCA	Link people and refer participants to wanted/needed programs
Tug Valley ARH	Case Management
Mountain Comprehensive Care Center	Case Management (adults and children)
Presbyterian Homes and Services of Kentucky	Psych referrals
Pike County Senior Program	Transport clients to doctor’s appointments

Table 14: Depicts the 8th Essential Health Service to assure a competent health service workforce. This table recognizes the organizations and the services they provide to a competent healthcare workforce for Pike County residents.

Essential Public Health Services #8 Assure a Competent Public Health and Personal Health Care Workforce	
Organization	Service
University of Pikeville	Development of primary care residents, Central Appalachian interdisciplinary pain education consortium, and population health and quality improvement models
Tug Valley ARH	Staff development and competency verification
Judi's Place for Kids	Provides training to staff and community partners regarding issues of child abuse
Presbyterian Homes and Services of Kentucky	Educate current employees about policies and procedures
Pike County Senior Program	State monitoring and nutrition
YMCA	HEPA programs in all child care, smoke free environment, and soda and vending free work place.
Kentucky Department of Transportation	Work with employees on health issues and making sure employees are aware of their healthcare.
Pike County Tourism	Lenna Goff
Pikeville Medical Center	National Certification to provide and ensure quality; evaluating employee competency
Pike County Health Department	Selection of personnel, training and continuous updates, conferences, meetings, online courses, and mandatory trainings
Pike County Schools	CPR Training, emergency medical training , and seizure training

Table 15: Depicts the 9th Essential Health Service to evaluate health services. This table recognizes the organizations and the services they provide to effectively evaluate and assess the quality of public health services to Pike County residents.

Essential Public Health Services #9 Evaluate effectiveness, accessibility, and quality of personal and population-based health services.	
Organization	Service
Pikeville Independent Schools	Evaluation of educational programs for faculty, staff, and students to determine whether a positive movement or knowledge is gained. Dare, Suicide/Mental Health Awareness, Red Ribbon Week, and school health requirements
Pike County Schools	Run yearly reports on immunizations and screenings
Pike County Health Department	Research in different areas, teen pregnancy, WIC research, clinic results, and cancer screening test and results, continuous evaluation of programs and employees to determine effectiveness
Judi's Place for Kids	Monitor program through the use of caregiver surveys (initial and follow-up) and partner surveys
Mountain Comprehensive Care Center	Qi committees and processes
Community Trust Bank	Obtain and review reports from insurance carrier that identifies top 10 paid claim diagnosis within company
Pike County Senior Program	Reassess clients information to further help their needs

Table 16: Depicts the 10th Essential Health Service to conduct research for new innovations. This table recognizes the organizations and the services they provide to research new innovations for health problems.

Essential Public Health Services #10 Research for new insights and innovative solutions to health problems	
Organization	Service
Family Resource and Youth Services Center	Backpack program and family, read nights
Pike County Health Department	Clinic evaluations and patients seen
Elkhorn City Area Heritage Council	Adventure Tourism (promoting, marketing, and recruiting)
Presbyterian Homes and Services of Kentucky	Food drives and donations to Backpack program
UPike	Involved with health services reach to improve the overall healthcare system: improve outcomes, lower costs, and improve system. Terminate longer cancer research project. Swing bed utilization in rural homes.
Pike County Senior Citizens	Research for grants and to further our training to be able to help clients and to do our jobs efficiently
Mountain Comprehensive Care Center	Seeking new grants to solve perceived community problems

Pike County Health Department

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Hours of Operation: M—F 7:30am to 4:30pm

