

# Coalition for a Healthy Oldham County Community Health Needs Assessment and Community Health Improvement Plan 2016 - 2019



## Serving the Citizens of Oldham County, Kentucky

The Coalition for a Healthy Oldham County's Vision is to create and sustain a productive community where individuals have the ability to pursue a safe, healthy, and independent lifestyle including freedom from substance abuse and opportunities for recreation.

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## Letter from the Community Assessment Team

The Coalition for Healthy Oldham County was established in February 2011 to form community partnerships that would address the health and safety of our community. The Coalition is supported by the Oldham County Health Department, who originally organized for success through developing partnerships, but depends on the strength of these partnerships to complete the public health system. These dedicated partnerships consist of committed citizens from a cross section of disciplines listed on page 5. Our partners were dedicated to completing a broad range of assessments and developing a “real-time snapshot” of our county’s health and safety status. Our Community Health Assessment (CHA) not only provides a picture of the current health status of our community, but it also leads us to interventions for improving the health and safety of our residents. These improvements are a direct result of the collaboration of many dedicated people.

Within a few months of meeting in 2011, the coalition decided to follow the community health improvement planning model developed by the National Association of County and City Health Officials (NACCHO) called MAPP (Mobilizing for Action through Planning and Partnerships). Simply stated, the coalition wanted to assess the community’s needs before implementing an improvement plan. This process was repeated in 2014-2015 to assess the current needs of the community. After developing a vision statement, the coalition began working on each of the four MAPP assessments. Analyzing the data from these assessments facilitated many conversations which led to developing long-term strategic initiatives. These initiatives contain detailed goals and objectives focused on the most significant health issues in our community (page 13). By prioritizing these goals, our partnerships can coordinate and properly allocate funds where they will have the most impact.

We welcome your feedback to our Community Health Assessment and Improvement Plan, and encourage you to learn more about the Coalition for a Healthy Oldham County’s partnerships. Please visit our website at: [www.coalitionforahealthyoc.com/](http://www.coalitionforahealthyoc.com/)

Sincerely,  
Your Community Assessment Team

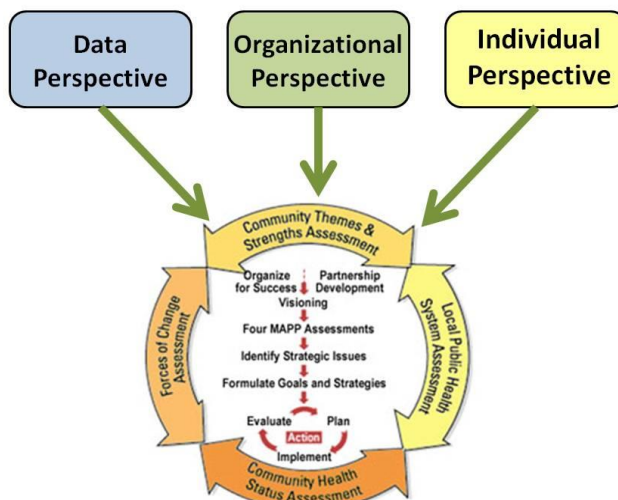


# Community Health Assessment Process

## Methodology

The Oldham County Health Department and its community partners utilized a community health assessment process based on Mobilizing for Action through Planning and Partnerships (MAPP). 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 Oldham County Health Department 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. 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 Oldham County, both paper and electronic surveys were distributed through partner organizations and their clientele – Examples include Dare to Care, patients and families of the local health department clinic services, local library Summer Reading Program and Chamber of Commerce Showcase for Oldham County. Information from these surveys provided the Individual Perspective. In addition, the Local Public Health System Assessment was completed in each county utilizing the asset mapping approach. See results Appendix 1.



## **Organizing – Community Partners**

Aetna Better Health of KY  
Baptist Health LaGrange  
Bluegrass Family Wellness  
Community Counselors  
Community Members, including parents and youth  
Crossroads Pregnancy Resource Center  
Greenways of Oldham County  
Good News Homes  
Hope Health Clinic  
KY One Health/ Our Lady of Peace  
LaGrange Assembly of God Church  
LaGrange Police Department  
Local Businesses  
Medical Transformation Center  
Metro United Way  
Morton Center  
Oldham County Adult Education  
Oldham County Board of Education  
Oldham County Board of Health  
Oldham County Fiscal Court  
Oldham County Health Department  
Oldham County Planning & Development Services  
Oldham County Police Department  
Oldham County Public Library  
Oldham County YMCA  
Oldham Era  
Operation: Parent  
Passport Health Plan  
Seven Counties Services  
University of Kentucky Cooperative Extension Service

## **Visioning Process: What would a healthy Oldham County look like?**

### **Vision Statement:**

The Coalition for a Healthy Oldham County's Vision is to create and sustain a productive community where individuals have the ability to pursue a safe, healthy, and independent lifestyle including freedom from substance abuse and opportunities for recreation.

The Vision Statement was originally developed by coalition partners in 2012. The 2015-2016 MAPP process included revisiting the vision statement with input from coalition partners. Updates were made to reflect changes in healthcare and the Oldham County community.



# Community Health Status Assessment

## Data Perspective:

### Community Health Status Assessment: September 30, 2015

**Table 1**

<b>Demographics (2014)</b>	<b>Oldham County</b>	<b>Kentucky</b>
Population, 2014 estimate	63,490	4,413,457
2010 Population	60,316	4,339,349
Percent Change (from 2010-2014)	5.3%	1.7%
Persons under 18 years old (2014)	26.2%	22.9%
Persons 65 years and older (2014)	11.7%	14.8%
White	91.8%	88.3%
Black or African Am.	4.4%	8.2%
American Indian or Alaska Native	0.5%	0.3%
Asian	1.6%	1.4%
Persons reporting 2 or more races	1.5%	1.8%
Persons of Hispanic or Latino origin	3.8%	3.4%

U.S. Census Bureau, 2015

**Table 2**

<b>Socioeconomic</b>	<b>Oldham County</b>	<b>Kentucky</b>
Unemployment Rate (2015)	3.9%	4.9%
Poverty Rate (2009-2013)	6.8%	18.8%
Median Household Income (2009-2013)	\$83,391	\$43,036
High school grads among people age 25+ (2009-2013)	91.7%	83.0%

U.S. Census Bureau, 2015; U.S. Department of Labor, 2015

**Table 3** Households by Socioeconomic Characteristics

ZIP Code	ZIP City Name	County	2014 Total Households	2014 Median HH Income	Median Age of Total Population	Median Home Value
40010	Buckner	Oldham	195	\$107,986	39.3	\$321,429
40026	Goshen	Oldham	1,761	\$97,682	40.8	\$240,190
40014	Crestwood	Oldham	7,076	\$86,836	40.8	\$252,399
40056	Pewee Valley	Oldham	1,158	\$81,676	42.6	\$219,400
40031	La Grange	Oldham	6,872	\$64,461	38.8	\$214,807
40077	Westport	Oldham	329	\$61,117	44.9	\$239,904

**Table 4**

<b>Age Adjusted Death Rates</b>	<b>Oldham</b>	<b>KY</b>	<b>USA</b>
<b>Total</b>	<b>555.5</b>	<b>984.1</b>	<b>809.7</b>
Coronary Heart Disease	86	121.6	105.4
Cancer	162.3	203.5	169.3
COPD & Pneumonia	12.8	23.1	18.2
Accidents	26.3	42.5	27.7
Stroke	31.4	44.4	38
Diabetes	16.9	28.8	21.2
Suicide	10.6	15.6	12.8
Homicide	*	4.8	5.4
Motor Vehicle/100 K Miles	9.9	16.9	10.9
<b>All Other Causes</b>	<b>199.3</b>	<b>482.9</b>	<b>400.8</b>
	Significantly Below KY Rate		

Source: [wonder.cdc.gov](http://wonder.cdc.gov) CDC Compressed Mortality for 2010-2013

\* Per CDC, Data is Statistically Unreliable

**Table 5**

<b>Age Adjusted Cancer Incidence</b>	<b>Oldham</b>	<b>KY</b>
<b>All Cancers</b>	<b>530.1</b>	<b>520.4</b>
Prostate	157.5	122.6
Lung	78.7	97.5
Breast	71.5	65.3
Female Genitalia	39.9	49.8
Skin	34.7	25.6
Pancreas	17.1	12.2
<b>All Other Cancers</b>	<b>130.7</b>	<b>147.4</b>
	Significantly Below KY Rate	
	Significantly Above KY Rate	

Source: KY Cancer Registry, [cancer-rates.info/ky](http://cancer-rates.info/ky) 2008-2012



County Health Rankings	Oldham (OL)x	Kentucky
<b>Health Outcomes</b>	<b>1</b>	
<b>Length of Life</b>	<b>1</b>	
	5,430	8,768
Quality of Life	4	
<u>Poor or fair health</u>	9%	21%
<u>Poor physical health days</u>	2.4	4.8
<u>Poor mental health days</u>	3.8	4.3
<u>Low birth weight</u>	8.40%	9.10%
<b>Health Factors</b>	<b>1</b>	
Health Behaviors	1	
<u>Adult smoking</u>	14%	26%
<u>Adult obesity</u>	29%	33%
<u>Food environment index</u>	8.6	7.4
<u>Physical inactivity</u>	26%	31%
<u>Access to exercise opportunities</u>	83%	62%
<u>Excessive drinking</u>	14%	12%
<u>Alcohol-impaired driving deaths</u>	36%	28%
<u>Sexually transmitted infections</u>	107	381
<u>Teen births</u>	15	49
<b>Clinical Care</b>	<b>1</b>	
<u>Uninsured</u>	11%	17%
<u>Primary care physicians</u>	1,956:1	1,560:1
<u>Dentists</u>	2,456:1	1,731:1
<u>Mental health providers</u>	1,365:1	852:01:00
<u>Preventable hospital stays</u>	79	103
<u>Diabetic screening</u>	90%	84%
<u>Mammography screening</u>	68%	59%
<b>Social &amp; Economic Factors</b>	<b>1</b>	
<u>High school graduation</u>	86%	79%
<u>Some college</u>	71%	57%
<u>Unemployment</u>	6.60%	8.20%
<u>Children in poverty</u>	8%	27%
<u>Inadequate social support</u>	8%	20%
<u>Children in single-parent households</u>	18%	34%
<u>Violent crime</u>	89	247
<u>Injury deaths</u>	41	79
<b>Physical Environment</b>	<b>52</b>	
<u>Air pollution - particulate matter</u>	13.5	13.5
<u>Drinking water violations</u>	0%	7%
<u>Severe housing problems</u>	11%	14%
<u>Driving alone to work</u>	84%	82%
<u>Long commute - driving alone</u>	42%	28%

Source: Robert Wood Johnson, CountyHealthRankings.org 2015  
County Rankings

For additional Data please refer to Appendix 2

# Community Themes and Strengths Assessment

## Oldham County

The Community Themes and Strengths Assessment was distributed to Oldham County citizens via distributed through partner organizations and their clientele – Examples include Dare to Care, patients and families of the local health department clinic services, local library Summer Reading Program and Chamber of Commerce Showcase for Oldham County. Six-hundred forty-one (641) of responses were received. Questions covered factors that improve the Quality of Life in Oldham County, Problems that Impact Community Health, Behaviors with the Greatest Impact on Community Health, Safety Concerns, Locations and Facilities where Patients seek HealthCare and Primary Payors for Patients. See Appendix 1 for complete results.



## Forces of Change Assessment

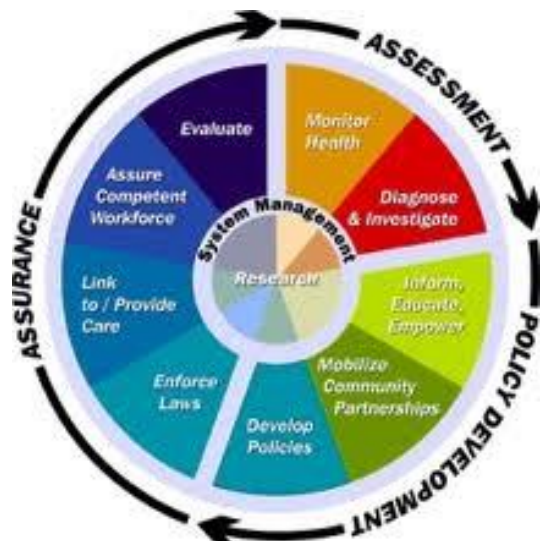
### Oldham County

A facilitated discussion was held in May 2015 with coalition members. Participants responded to the question “What’s happening in Oldham County that will affect our future?” Ideas included:

- Healthcare Reform: high deductibles creating an access issue, coverage does not equal access, technology allows individual research, red tape for providers (cost)
- Opportunity: take personal responsibility for health.
  - Walking paths, addiction resources and education, food sources: locally grow along with education.
- Doctors leaving the healthcare system~ cut out insurance costs.
  - Electronic Medical Records (App)
- Employee Wellness Plans: consumer driven or required.
  - Opportunity for coalition to create small scale initiatives locally.
- New Governor/ change in government: will affect funding allocations.
- Bridge built in OC over I-71
- Retirement of Director of Student Services in OC Schools
- Trend of acceptance of marijuana
- County voting for alcohol sales

### Local Public Health System Assessment

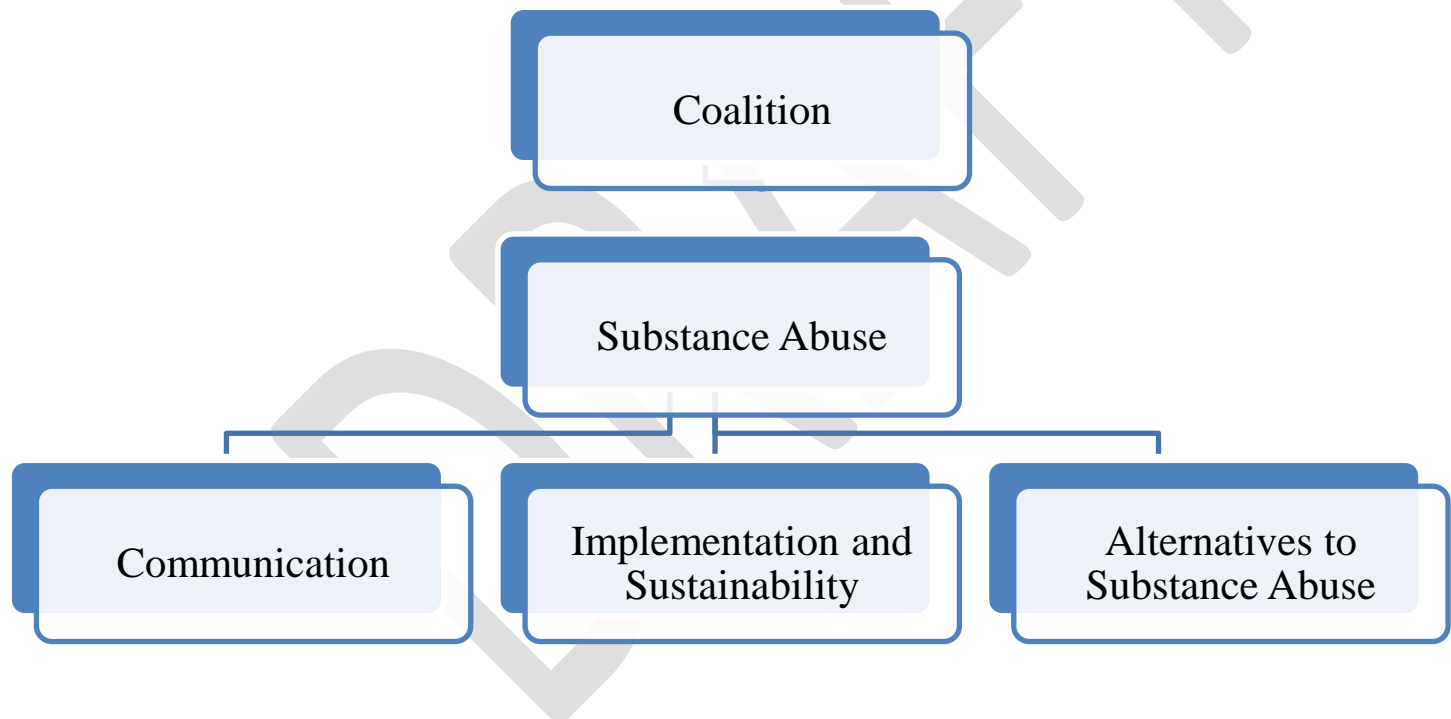
As part of the community needs assessment process, Oldham County Health Department and its community partners conducted a Local Public Health Needs Assessment using an asset mapping approach. Public Health System Asset Mapping refers to a community-based approach of assessing the resources and programs of the public health system within a specific community as they relate to the 10 Essential Public Health Services. Once gathered, this asset map of public health system programs and services is distributed to community partners for use in referring citizens in the community to appropriate services. In addition, the Public Health System Asset Map is utilized during the community health improvement planning process to provide a list of assets that can be used toward strategic initiatives or gaps in the system that must be filled before strategic initiatives can be addressed. See Appendix 3 for individual county Local Public Health System Assessments using this approach.



# Community Health Improvement Plan Process

## Methodology

Continuing the methodology described under the Community Health Assessment Process, Oldham County Health Department convened community partner groups to synthesize the information obtained in the community health assessment process into strategic initiatives, goals and objectives. Each community group was given information from each of the assessments and organized into the Three Perspectives – data, organizational and individual. From this information, the partners participated in a nominal group, consensus building activity through which strategic initiatives emerged – Healthy Lifestyle/Physical Activity, and Substance Abuse. In an effort to assure on-going progress toward the strategic initiatives chosen, the group discussed a potential structure for the work:



## **Strategic Issue Identification/Goals and Objectives**

### **Strategic Initiative #1 - Communication**

1. By 2018, increase communication among community service providers by hosting 2 coordinated meetings in conjunction with the Healthy Oldham County Coalition.
2. By 2018, increase awareness of agencies and services available in Oldham County through 10 community partner “showcase” presentations at monthly meetings.
3. By January 2017, develop and implement a strategic media plan designed to capture and promote services provided by community partners to the community at large.

### **Strategic Initiative # 2 - Implementation and Sustainability**

1. By 2018, implement with fidelity all action plan items as outlined in the DFC grant as measured by evaluation through REACH of Louisville.
2. By 2018, increase by two methods the dissemination of educational materials related to texting and driving and use of e-cigs.
3. By 2018, convene 2 annual review of the DFC action plan as mandated by the HOC.

### **Strategic Initiative # 3 - Alternatives to Substance Abuse**

1. By March 2016, create a sustainable sub-group of a minimum of 6 people to address alternatives to substance abuse including promotion of arts, recreation & healthy eating options.
2. By March 2018, identify and address gaps in tobacco-free campus policies and/or enforcement from one local public school system and three local private school systems as measured by the number of documented policy or environmental changes.

## **Connection to State and National Health Goals**

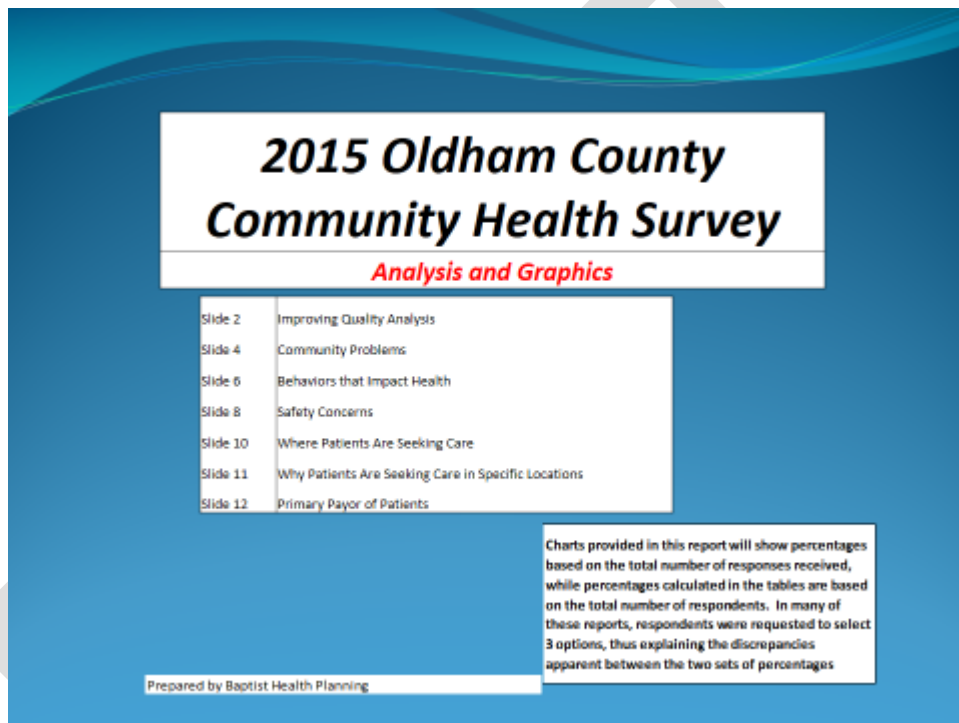
Coalition for a Healthy Oldham County has strategic initiatives addressing Tobacco Use and Substance Abuse. These initiatives align closely with state and national priorities. Specifically, [Kentucky Health Now](#) places a heavy emphasis on both Tobacco Use and Substance Abuse. Furthermore, one of the major focus areas in the [CDC Winnable Battles](#) is Tobacco Use.

## **Communication and Distribution Plan**

The Coalition for a Healthy Oldham County’s CHA/CHIP document is posted on our [Coalition Website](#) as well as the [Local Health Department Website](#) for community review. The document will also be distributed electronically to all participating community partners. In addition, the staff of Oldham County Health Department will receive an electronic copy for their review and use during health department strategic planning.

## Appendix

### Appendix 1 - Community Themes and Strengths Assessment – Community Survey Results



**2015 Oldham County  
Community Health Survey**

*Analysis and Graphics*

Slide 2	Improving Quality Analysis
Slide 4	Community Problems
Slide 6	Behaviors that Impact Health
Slide 8	Safety Concerns
Slide 10	Where Patients Are Seeking Care
Slide 11	Why Patients Are Seeking Care in Specific Locations
Slide 12	Primary Payor of Patients

Charts provided in this report will show percentages based on the total number of responses received, while percentages calculated in the tables are based on the total number of respondents. In many of these reports, respondents were requested to select 3 options, thus explaining the discrepancies apparent between the two sets of percentages

Prepared by Baptist Health Planning

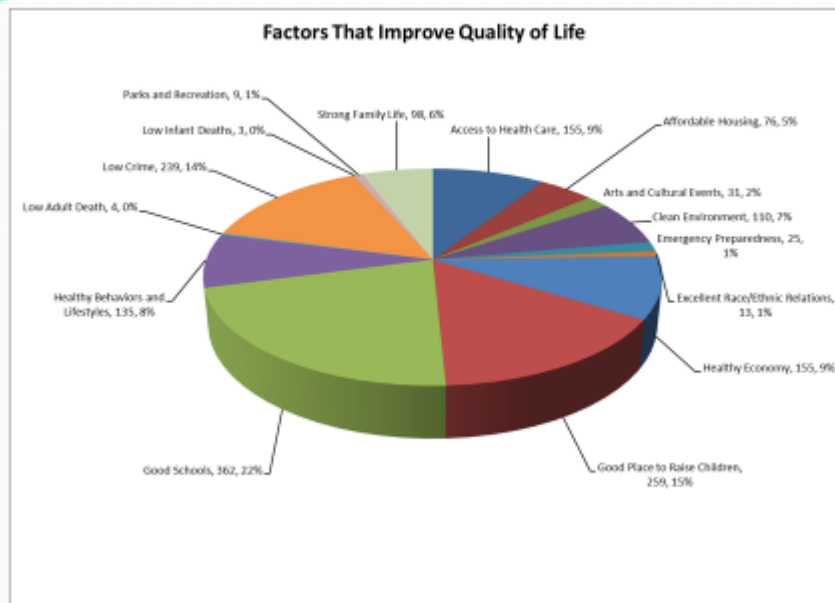
## Factors That Improve the Quality of Life

Quality of Life Improvement Focus	# of Responses	Percentage of # of Respondents
Good Schools	362	56.5%
Good Place to Raise Children	259	40.4%
Low Crime	239	37.3%
Access to Health Care	155	24.2%
Healthy Economy	155	24.2%
Healthy Behaviors and Lifestyles	135	21.1%
Clean Environment	110	17.2%
Strong Family Life	98	15.3%
Affordable Housing	76	11.9%
Arts and Cultural Events	31	4.8%
Emergency Preparedness	25	3.9%
Excellent Race/Ethnic Relations	13	2.0%
Parks and Recreation	9	1.4%
Low Adult Death	4	0.6%
Low Infant Deaths	3	0.5%

**Summary**

Respondents in Oldham county reported that there were several factors that improve overall quality of life, but the largest sections are 'good schools', 'good places to raise children', and 'low crime'. These three factors indicate that a higher level of education and higher household income correlate with the #1 ranking Oldham county received in the 2015 County Rankings report. Access to healthcare was reported as a factor by 24.2% of respondents that were polled (nearly one quarter), but only received 9% of the overall selections made by the respondents. This could be due to the proximity of Louisville and the major health care centers housed within the city. As discussed later in the report, many patients seem willing and able to travel the distance between oldham county and healthcare facilities in Louisville for treatments.

**Factors That Improve Quality of Life**



## Problems That Impact Community Health

Problems Impacting Community Health	# of Responses	Percentage of # of Respondents
Alcohol/Drugs	372	58.0%
Obesity	263	41.0%
Motor Vehicle Crash/Injuries	172	26.8%
Poor Diet	168	26.2%
Mental Health	109	17.0%
Aging Problems	95	14.8%
Child Abuse/Neglect	91	14.2%
Heart Disease/Stroke	89	13.9%
Cancers	88	13.7%
Domestic Violence	87	13.6%
Diabetes	62	9.7%
High Blood Pressure	62	9.7%
Teenage Pregnancy	50	7.8%
<b>Other:</b>	<b>186</b>	<b>29.0%</b>
Other	36	5.6%
Respiratory Disease	29	4.5%
Firearm Related Injuries	22	3.4%
Suicide	22	3.4%
Dental Problems	19	3.0%
Rape/Sexual Assault	14	2.2%
Sexually Transmitted Diseases	10	1.6%
Infectious Disease	9	1.4%
HIV/AIDS	8	1.2%
Homicide	8	1.2%
Terrorism	5	0.8%
Infant Death	4	0.6%

**Summary**

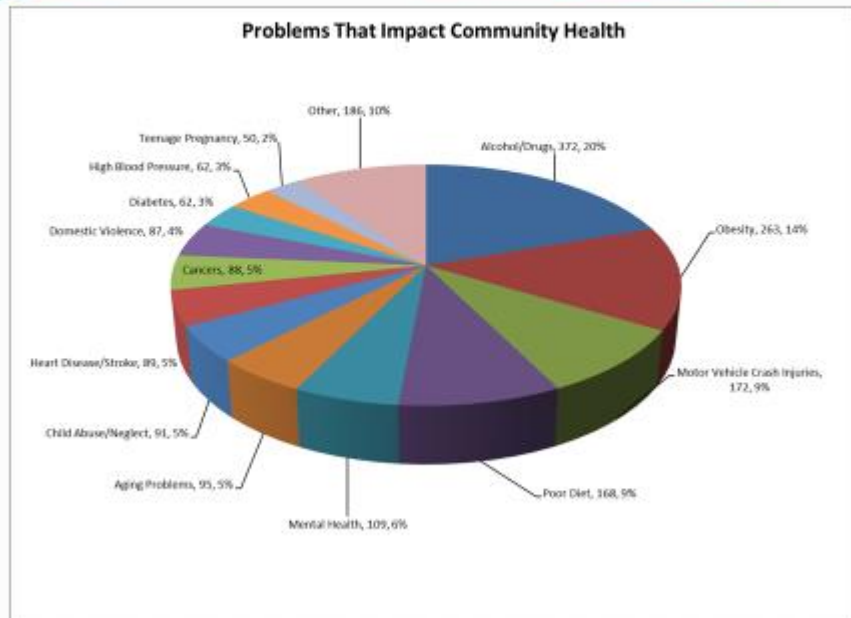
Respondents from Oldham county largely share the view that negative impacts on community health stem from poor lifestyle habits. Such factors as 'Obesity', 'Alcohol/Drug Usage', and 'Poor Diet' are responsible. Those factors that are related to crime, sexual behaviors, and infectious disease ranked very low.

Cancers and respiratory disease did not garner significant recognition from respondents despite the fact that Tobacco Usage is deemed one of the higher ranking negative behaviors [See Behaviors Page]. Also ranking relatively low were Heart Disease/Stroke related problems. Diabetes ranked even lower than Heart Disease.

These representations by the Oldham County population might indicate a need for Health Literacy, since unhealthy lifestyle behaviors such as Obesity and Poor Diet directly contribute to these health problems.

Other in the graph below includes all the problems indicated in the "Other" section to the left.

**Problems That Impact Community Health**





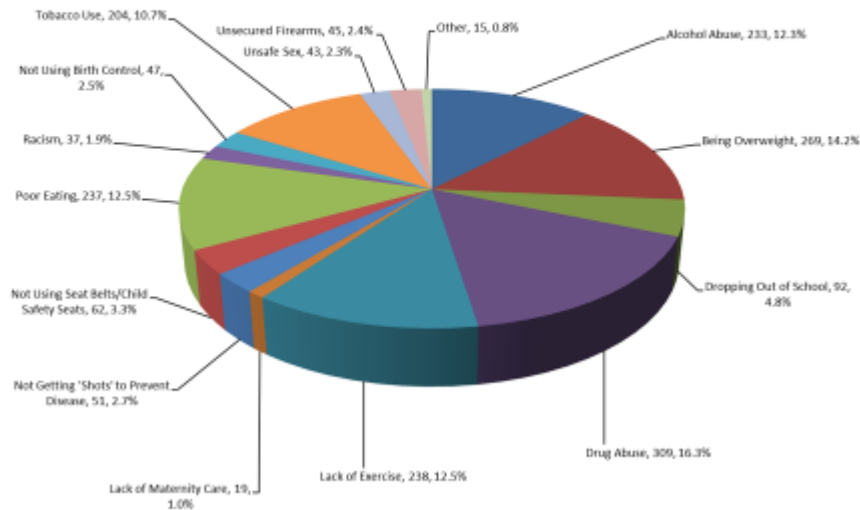
## Behaviors With The Greatest Impact On Community Health

Behaviors That Impact Health	# of Responses	Percentage of # of Respondents
Drug Abuse	309	48.2%
Being Overweight	269	42.0%
Lack of Exercise	238	37.1%
Poor Eating	237	37.0%
Alcohol Abuse	233	36.3%
Tobacco Use	204	31.8%
Dropping Out of School	92	14.4%
Not Using Seat Belts/Child Safety Seats	62	9.7%
Not Getting 'Shots' to Prevent Disease	51	8.0%
Not Using Birth Control	47	7.3%
Unsecured Firearms	45	7.0%
Unsafe Sex	43	6.7%
Racism	37	5.8%
Lack of Maternity Care	19	3.0%
Other	15	2.3%

**Summary**

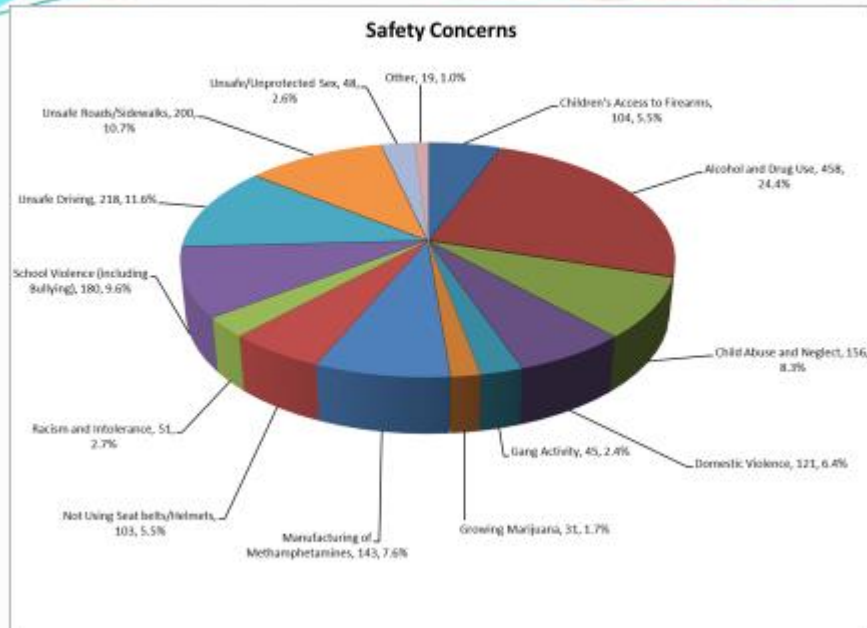
Respondents in Oldham County reported that the #1 behavior with a negative impact on health was 'Drug Abuse'. Coming in at second was 'Being Overweight'. Other factors that ranked highly were 'Alcohol Abuse, Lack of Exercise, Poor Eating, and Tobacco Use'. Interestingly, associated health problems and diseases that often stem from these behaviors were not ranked highly in the Community Problems section of the report. Those health problems such as Diabetes and Heart Disease/Stroke and Cancer, all of which stem from Obesity/Tobacco Use/Alcohol and Drug Abuse, were ranked low. Based on the information in this survey, there is a disconnect amongst respondents between negative lifestyle behaviors and the health complications that result from them. Those factors that ranked low in behaviors surrounded Unsafe Sex, Firearm Safety, Lack of Vaccinations, and Seat Belt Usage.

## Behaviors With Greatest Impact on Community Health



## Safety Concerns

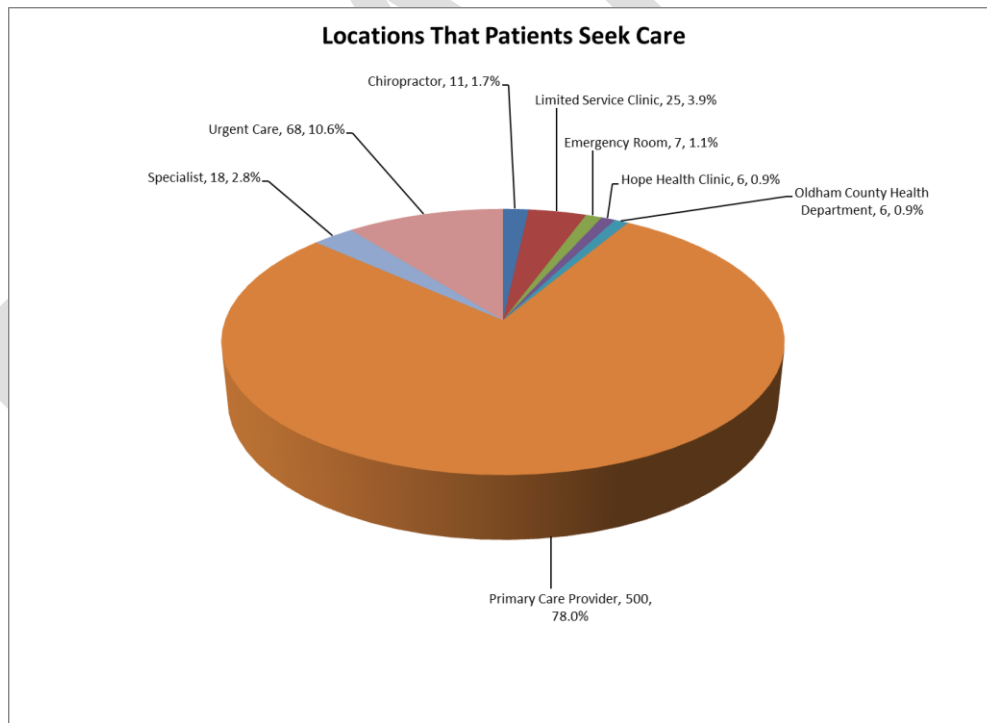
Safety Concerns	# of Responses	Percentage of # of Respondents	Summary
Alcohol and Drug Use	458	71.5%	Respondents in Oldham County overwhelmingly selected Alcohol and Drug use as the primary safety concern. This is consistent with other sections of the survey linking Alcohol and Drug abuse to negative community health. Also ranking highly was unsafe driving and Child Abuse/Neglect. These concerns are only shown in this section of the survey. Also garnering a large percentage of Respondents was the manufacturing of Meth. This is consistent with the Drug Abuse problem as stated above, and also is consistent with the manufacturing and usage of Methamphetamines in Kentucky. Violent Crime related problems were very low or non existent, with the exception of School Bullying.
Unsafe Driving	218	34.0%	
Unsafe Roads/Sidewalks	200	31.2%	
School Violence (including Bullying)	180	28.1%	
Child Abuse and Neglect	156	24.3%	
Manufacturing of Methamphetamines	143	22.3%	
Domestic Violence	121	18.9%	
Children's Access to Firearms	104	16.2%	
Not Using Seat belts/Helmets	103	16.1%	
Racism and Intolerance	51	8.0%	
Unsafe/Unprotected Sex	48	7.5%	
Gang Activity	45	7.0%	
Growing Marijuana	31	4.8%	
Other	19	3.0%	



# Locations/Facilities Where Patients Seek Healthcare

Location Where Patients Seek Care	# of Responses	Percentage of # of Respondents
Primary Care Provider	500	78.0%
Urgent Care	68	10.6%
Limited Service Clinic	25	3.9%
Specialist	18	2.8%
Chiropractor	11	1.7%
Emergency Room	7	1.1%
Hope Health Clinic	6	0.9%
Oldham County Health Department	6	0.9%

Summary
<p>Respondents in Oldham County largely saw their Primary Care Physician for medical care, avoiding such places as the Emergency Room for routine treatment. Second on the list was Urgent Care (UC's), but UC's held a very small percentage of responses. Patients seem proactive in preventive medical care, routine visits with their doctors, and more willing to seek out less expensive options for medical treatment.</p>

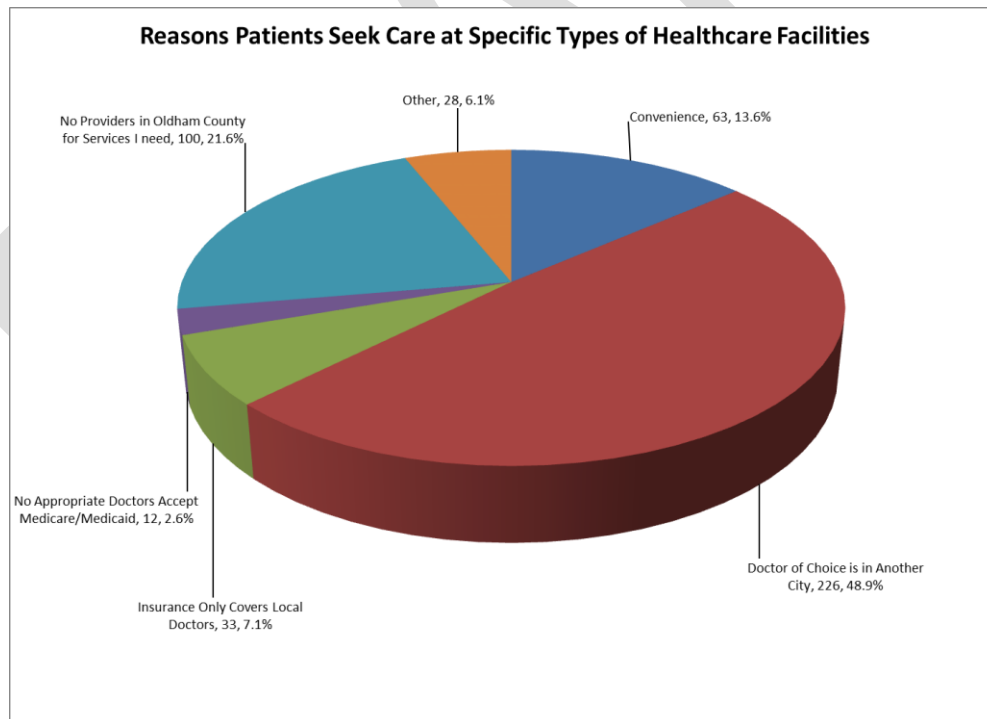


# Reasons Patients Seek Care at Specific Types of Healthcare Facilities

Reason Patients Seek Care in a Given Location	# of Responses	Percentage of # of Respondents
Doctor of Choice is in Another City	226	35.3%
No Providers in Oldham County for Services I need	100	15.6%
Convenience	63	9.8%
Insurance Only Covers Local Doctors	33	5.1%
Other	28	4.4%
No Appropriate Doctors Accept Medicare/Medicaid	12	1.9%

**Summary**

Respondents in Oldham county displayed a significant willingness to travel to another county/city to receive medical care. Convenience, on the other hand, did not rank highly in respondents' opinions. This is likely due to the proximity of medical offices and facilities in nearby Louisville.

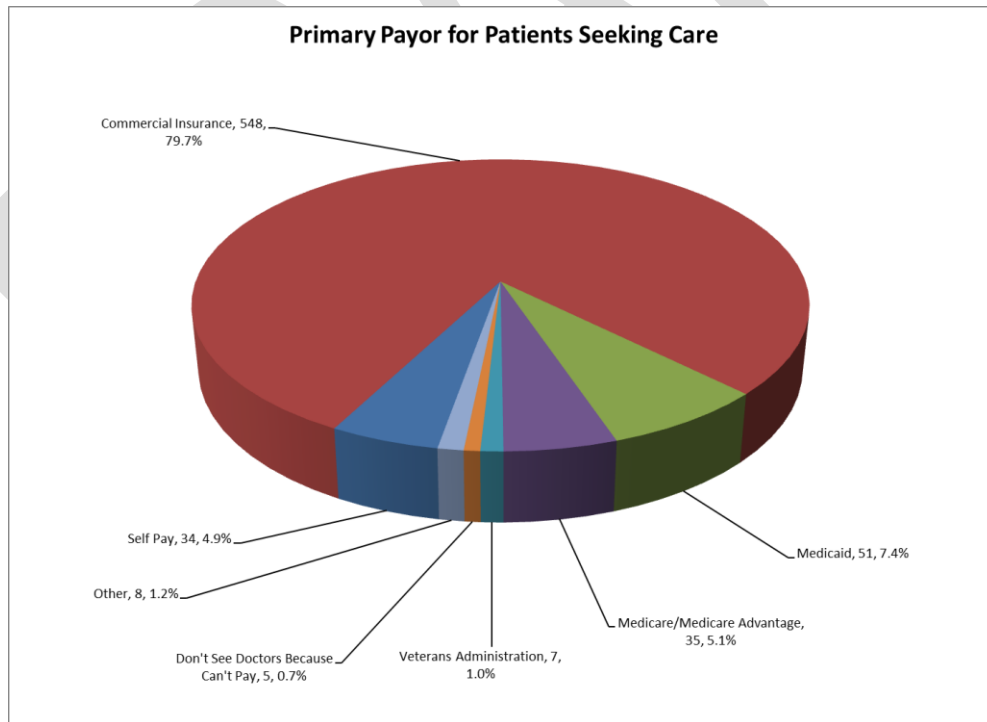


# Primary Payors For Patients

Primary Payor for Patients in Oldham	# of Responses	Percentage of # of Respondents
Commercial Insurance	548	85.5%
Medicaid	51	8.0%
Medicare/Medicare Advantage	35	5.5%
Self Pay	34	5.3%
Other	8	1.2%
Veterans Administration	7	1.1%
Don't See Doctors Because Can't Pay	5	0.8%

**Summary**

An overwhelming majority of patients in Oldham County used private/commercial insurance to cover medical expenses. This is consistent with the county's high economic and education ranking in comparison to the rest of the state. Medicare and Medicaid rates were particularly low, and lower still were those respondents who do not see a physician at all.



## Appendix 2 – Data Perspective

### Oldham County Health Data

Indicators	Oldham	Kentucky	US	Data Source
<b>Social Factors</b>				
Population	63,490	4,413,457	318,857,056	US Census Bureau (2014)
Race Stats				
White(%)	91.8%	88.5%	74.0%	US Census Bureau (2014)
African American (%)	4.4%	8.2%	12.6%	US Census Bureau (2014)
Hispanic (%)	3.8%	3.3%	16.6%	US Census Bureau (2014)
High School Graduation Rate (% of persons age 25+)	91.7%	83.0%	85.9%	US Census Bureau (2009—2013)
Bachelors degree or higher (% of persons age 25+)	40.1%	21.5%	28.8%	US Census Bureau (2009—2013)
Unemployed: persons 16+ (%)	6.5%	8.3%	7.4%	Local Area Unemployment Statistics (2013)
Persons Below the Poverty Level (%)	6.8%	18.8%	15.4%	US Census Bureau (2009—2013)
Children Living Below Poverty Level Under the age of 18 (%)	7.1%	25.5%	22.2%	Small Area Income and Poverty Estimates (2013)
Self Rated Health Status (% of Adults who report fair or poor health)	9.0%	21.0%	17.0%	County Health Rankings (2015)
Children in single parent households (%)	18.0%	34.0%	31.0%	County Health Rankings (2015)
Median Household Income	\$86,580	\$43,307	\$52,250	Small Area Income and Poverty Estimates (2013)
<b>Physical Factors</b>				
# of Recreational Facilities (per 100,000)	3	328	30,393	County Business Partners (2013)
Air Pollution - particulate matter days	13.46	13.47	11.3	CDC Wonder (2011)
<b>Behavioral Factors</b>				
Prevalence of Adult Smoking (%; Age-adjusted)	13.6%	26.1%	21.7%*	BRFSS (2006—2012)
Prevalence of Youth Smoking (% of high school students)	22.0%	25.0%	23.0%	Kentucky Health Facts (2007)
Adult Prevalence of Obesity (%; Age-adjusted)	22.0%	31.0%	30.4%*	BRFSS (2006—2012)
Sexually Transmitted Infection (Chlamydia rate per 100,000)	188.9	394.3	453.3	STD Surveillance System (2012)
Binge drinking: adults (%; Age-adjusted)	13.2%	11.5%	16.3%*	BRFSS (2006—2012)
No exercise: adults (%; Age-Adjusted)	18.2%	28.7%	25.9%*	BRFSS (2006—2012)
Recommended Fruit and Vegetable Intake (% adults)	15.0%	11.0%	-	Kentucky Health Facts (2011—2013)
Flu Vaccination in the Past Year (% adults)	41.0%	39.0%	-	Kentucky Health Facts (2011—2013)
Tooth Loss (% of adults missing 6 or more teeth)	18.0%	23.0%	-	Kentucky Health Facts (2011—2013)
<b>Access to Care</b>				
Primary Care Providers (per 100,000)	60.2	78.2	48	Area Health Resources Files (2011)
Immunization Coverage for ages 19-35mo (%)	89.0%	80.0%	81.0%	Kentucky Health Facts (2007)
Uninsured Adults (% under 65 years)	10.0%	16.8%	16.8%	Small Area Health Insurance Estimates (2013)
Uninsured Children (% under 19 years)	5.0%	6.5%	7.5%	Small Area Health Insurance Estimates (2013)
Mentally unhealthy days: adults (per person; Age-adjusted)	3.8	4.3	-	BRFSS (2006—2012)

### Oldham County Health Data Continued...

Indicators	Oldham	Kentucky	US	Data Source
<b>Maternal &amp; Child Health</b>				
Teen Birth Rate (ages 15-19; rate per 1,000)	11.6	41.5	29.1	National Vital Statistics System-Natality (2011—2013)
Pregnant Women Receiving Adequate Prenatal Care (%)	81.0%	66.0%	-	Kentucky Health Facts (2008—2012)
Number of Child Victims Of Substantiated Abuse	59	17,917	-	KIDS Count Data Center (2013)
Low birth weight deliveries (%)	8.1%	8.7%	8.0%	National Vital Statistics System-Natality (2011—2013)
Moms Who Smoked During Pregnancy (%)	9.8%	22.5%	-	Kids County Data Center (2010—2012)
Early Childhood Obesity (age 2-4 yrs; %)	17.3%	15.6%	-	Kids Count Data Center (2010)
<b>Diabetes Indicators</b>				
Diabetes Screenings (% of Medicare enrollees that receive screening)	90.5%	85.2%	84.6%	Dartmouth Atlas of Health Care (2012)
% of adult population with diabetes (Age-adjusted)	6.0%	9.4%	8.1%*	BRFSS (2005—2011)
<b>Cancers</b>				
Cancer Deaths (rate per 100,000; Age-adjusted)	161.5	200.5	166.2	National Vital Statistics System-Mortality (2011—2013)
Lung, trachea, and bronchus cancer deaths (rate per 100,000; Age-adjusted)	49.0	69.1	44.7	National Vital Statistics System-Mortality (2011—2013)
Colorectal Cancer Deaths (rate per 100,000; Age-adjusted)	10.9	17.9	15.3	National Vital Statistics System-Mortality (2009—2013)
Breast Cancer Deaths (rate per 100,000; Age-adjusted)	18.8	22.5	21.6	National Vital Statistics System-Mortality (2009—2013)
Prostate Cancer Deaths (rate per 100,000)	21.5	20.8	-	Kentucky Cancer Registry (2009—2012)
<b>Respiratory Illness</b>				
Adults with Asthma (%)	16.0%	15.0%	-	Kentucky Health Facts (2011—2013)
Number of Inpatient Hospitalizations due to Asthma (0-17 yr olds)	66	6,837	-	2009-2011 KY Cabinet for Health and Family Services

\* = US Median Rate

- = No Data Found

Data Collected: October 26, 2015

## Appendix 3 – Local Public Health System Assessment – October 30, 2015

### EPHS #1 – Monitor Health Status to Identify Community Health Problems

Organization	Service
Cooperative Extension Service	Survey & AK for Suggestions
Oldham County Health Department	Community Assessment; MAPP, Collaborate with police to Tract Arrest #'s, HOC Coalition, MCH, HANDS, Immunization, Monitor Trends of Chronic Disease, Monitor and Surveillance of TB, Monitor and Identify Childhood Obesity & Breastfeeding Rates, and Environmental Departments Inspect Plumbing, New Building Sites, & Swimming Pools
Our Lady of Peace - Kentucky One Health	Collaborate with Community Agencies to Identify Youth with Substance use Issues
Oldham County Schools	Monitor and Treat Health Conditions of Students
OCFC	Health Assessments
Oldham County Police	Observe Community Health through Public Interaction and Calls for Service & Monitor Health
Hope Health Clinic	Under injured and Uninjured
Kathy Dooling, LPAT, CADC, CEAP, Private Practice LaGrange Kentucky	Monitor Individual Client Health
Oldham County Health Department/HANDS	Monitor Health of Family and Children

### EPHS #2 – Diagnose and Investigate Health Problems

Organization	Service
Oldham County Health Department	Onsite Environmental, Epidemiology (TB), Environmental Investigation of Unsafe Environments, Sewage, Rabid Animals, etc. Research into Chronic Health Concerns
Oldham County Planning and Development Services	Work with other Local/State Agencies to Identify and Mitigate Unsafe Road and Sidewalk Conditions
Oldham County Health Department/HANDS	Complete Psyche/Social Assessments



Oldham County Police	Review Highway Safety Statistics, Work with State Highway on Problem Areas, Pass on Observations of Health Issues to Other Community Organizations
The Morton Center	Create Health Programs to Address Current Needs Based on Inquiries & Feedback
Oldham County Schools	Investigate Communicable Diseases in School Setting & Alert Student Families of those Diseases
LaGrange Police Department	Investigate Hazards in Community from Drug Use and Illegal Dumping
Oldham ERA	Recognize Trends and Investigate for Articles
PTA	Discuss How to Form and Implement New Programs Supported by PTA within Schools
Cooperative Extension Service	Insect ID, Soil Test, Plant Disease, and Diagnostic Lab
Kathy Dooling, LPAT, CADC, CEAP, Private Practice LaGrange Kentucky	Diagnose and Investigate Client, Family, and School/Work
OCFC	Education Programs based on Assessment Results
Our Lady of Peace - Kentucky One Health	Diagnose Individuals with Mental Health Issues

**EPHS #3 – Inform, Educate, and Empower People about Health Issues**

<b>Organization</b>	<b>Service</b>
Our Lady of Peace - Kentucky One Health	Offer Free Support Groups & Offer Weekly Education Classes
Oldham ERA	Identify Health Related Issues in Community to Investigate; Then public Informative Articles
Oldham County Adult and Community Education	Inform Students of Assistance in the Community
Good News Homes	Case Management with Housing Participants to Set Personal Health Goals for Well Being of Family & Educate Community Members on Safe Housing when Seeking Places to Live
OCFC	Annual Physical Incentives
Oldham County Health Department/HANDS	Provide Education on Parenting, Health, Brain Development, Communication, Milestones, Early Childhood, etc.

Crossroad Pregnancy Resource Center	Parenting Classes, Healthy Pregnancy, Eating for Two, Healthy Parent/Child Relationships, Parenting Workshop, Nutrition, Shaken Baby Syndrome Glasses, Healthy Marriages, Fatherhood Classes, & Minimizing Stress Workshops
Hope Health Clinic	Smoking Cessation Classes
Oldham County Health Department	Health Education Team, DFC Grant, Clinic, All day - Every Day, School Presentations, Inform One on One Education through Clinic Visits, Diabetes Classes, & Community Partnerships to Education Community on Healthy Lifestyles
LaGrange Police Department	Inform, Educate, and Empower. Give them Options on Where to Go and How to Find Help
Baptist Health LaGrange Hospital	Diabetes Education, Congestive Heart Failure Education, Assist with Medication Management, Safe Sitter Program, & Smoking Cessation Classes
PTA	Implement Program within Schools, Work with Family Resource Centers within Schools, and Distribute Information via Newsletters, Flyers, & Social Media.
Oldham County Schools	Nurses Educate Students and Staff Daily on Managing Disease & Preventative Health
Metro United Way	To Improve Lives and Our Community by Engaging People to Give, Advocate, and Volunteer
Cooperative Extension Service	Nutrition Classes, Child Development Classes, and Food Budget
Operation: Parent	Parent Handbook, Speaker Events, Community Presentations, Parenting Video Class, and Webinars
Oldham County Fiscal Court	OCTV Community Education
Oldham County Police	Educate Students on Effects of Alcohol and Drugs
Kathy Dooling, LPAT, CADC, CEAP, Private Practice LaGrange Kentucky	Consult with Client MD, School, and Employers with Patient Consent
OCPL	Classes and Public Education Programs. Cooking, Exercise, and Insurance
The Morton Center	Provide Educational Presentations for Private and Public Companies & Institutions

**EPHS #4– Mobilize Community Partnerships and Action to Identify and Solve Health Problems**

<b>Organization</b>	<b>Service</b>
Oldham County Police	Work with Healthy Oldham County, School Resource Officers, Coordinate with EMS/Fire, and State Highway
Our Lady of Peace - Kentucky One Health	Collaborate with providers in Oldham County
Metro United Way	Convene around Social Needs/Gaps
Hometown Pizza	Our Non Profit "Every Slice Matters" has teamed up with Hope Health Clinic and in Process of Seeing how our Services can Help the Community
Oldham County Health Department	Coalition for Healthy Oldham County, Partners with Variety of Entities to take Action to Address Various Health Issues
Oldham County Adult and Community Education	Involved in Community Partnerships to Gather and Share Health Problems and Issues
Crossroads Preq. Resource Center	Partnership with Health Department, Missions Crestwood/Food Clothing
Baptist Health LaGrange Hospital	Close Partnership with Hope Health Clinic, Refer Patients that may not Have a Primary Care Physician or Resources
LaGrange Police Department	Community Partnerships with Health Department, Churches, School Programs, and Local Businesses
PTA	Partner with Local Companies to Enhance in School Programs
Cooperative Extension Services	Forums, Coalitions, and Advisory Councils
Good News Homes	Life Skill Classes for Housing Program Participants, Healthy Cooking on a Budget, & Other Personal Health Items
Kathy Dooling, LPAT, CADC, CEAP, Private Practice LaGrange Kentucky	Policies - Write to Legislators
Oldham County Fiscal Court	Juvenile Detention Alternative Committee
Oldham County Health Department/HANDS	Link Services

**EPHS #5– Develop Policies and Plans that Support Individual and Community Health Efforts**

<b>Organization</b>	<b>Service</b>
Oldham County Police	Directed Patrols, Highway Safety Grants, and Drug Free Grants

Our Lady of Peace - Kentucky One Health	Work with Local Agencies to Create Policies to Benefit Oldham County
Metro United Way	Advocate for Policy Justice: Families, Children, & Community Partnership
Oldham County Fiscal Court	Adopt Ordinances and Community Planning
Oldham County Schools	Develop Healthcare Plans and Policies to Provide Medical Care to Students with Chronic Health Conditions
PTA	Work with School Staff and Community Leaders
Oldham County Health Department	Smoke Free Policy, Add E-cigarettes 100% Tobacco Free School, Food Regs, and On-Site Regs. Work with State health Department to Develop and Implement Policies: Health Issues across the Gambit of Comm. Health
OCPL	Pandemic Policy for Public Building/Spaces & Smoke Free Libraries
Cooperative Extension Services	Collaborate with Health Department, Food Banks, Churches, Farmers Markets, Community Resources, and Schools
Kathy Dooling, LPAT, CADC, CEAP, Private Practice LaGrange Kentucky	Laws - Complete CPS/APS Reports and Needed
OCFC	Drug Free Workplace Certification

**EPHS #6 - Enforce Laws and Regulations that Protect Health and Ensure Safety**

<b>Organization</b>	<b>Service</b>
Oldham County Police	Enforce Laws, Highway Safety Checkpoints, SRO's, & K-P for Drug Enforcement
PTA	Ensure Our Programs Follow Laws and Guidelines & Review/Assess School Staff
Hometown Pizza	Establish Rules and Enforce for Food Safety and Safety for our Employees and Customers
Baptist Health LaGrange Hospital	Mandatory Flu Shot Campaign (Protect Staff and Patients) and Smoke Free Campus
Oldham County Health Department	Enforce Regulations (State) & Enforce Smoke-Free
LaGrange Police Department	Enforce Laws and Regulations, K-9, and School Checks
Oldham County Fiscal Court	Law Enforcement, Code Enforcement, and Animal Control
Oldham County Schools	Enforce Immunization Laws as Required by KY Law

Kathy Dooling, LPAT, CADC, CEAP, Private Practice LaGrange Kentucky	Refer Clients to MD, Hospitals, and Self Help as Needed
Our Lady of Peace - Kentucky One Health	Enforce Policies at our Medical Facilities
	OC Planning and Development Services, Building and Electrical Permits and Inspections, & Code Enforcement Officer to Enforce County Code of Ordinance

**EPHS #7 - Link People to Needed Personal Health Services and Assure the Provision of Health Care when Otherwise Unavailable.**

<b>Organization</b>	<b>Service</b>
Oldham County Health Department	During Clinic Visits refer People to Various Community Resources for Healthcare Needs, Hope Health Clinic, First Steps, Smoking Cessation, Medicaid, Pregnancy Crisis, WIC, Operation: Parent, Morton Center, HANDS, Clinic, Community, etc.
Oldham County Schools	Refer Students and Families to Healthcare Agencies as Needed: Primary Care, Vision, and Dental
OCPL	Makes Community Resource Information Accessible and Reference Patrons to Services in County
Operation: Parent	Referrals to Professional Counselors, Psychologists, Treatment Centers, Families Anonymous and Support Groups
Hope Health Clinic	Providing Classes, Diabetes, and Smoking
Crossroads Preg. Resource Center	Referrals to Health Department and Good News Homes
Hometown Pizza	Refer our Employees to Hope Health Clinic and their Services
Oldham Era	Provide Editorial and Advertising Space to Inform Public of Health Providers and Resources in Community
OC Adult and Community Education	Refer Students to Health Care Services
Good News Homes	Refer Current and Potential Program Participants to Appropriate Community Health Services
The Morton Center	Refer to Appropriate Services
Oldham County Police	Refer Parents and Students to Our Lady of Peace
Oldham County Health Department/HANDS	Referrals

Kathy Dooling, LPAT, CADC, CEAP, Private Practice LaGrange Kentucky	Assure - Outcome Scale to Monitor CT Progress
Metro United Way	211 Service
Cooperative Extension Service	Client Calls are Referred to UK Specialist and Clients are Referred to Health Department and Private Doctors

**EPHS #8 - Assure a Competent Public Health and Personal Health Care Work Force**

<b>Organization</b>	<b>Service</b>
Oldham County Health Department	Training and Cross Training, Personal Development, KPHA Conference, NYK Heroin Conference
Cooperative Extension Service	Workshops, Educational Credit, Lots of Training
Our Lady of Peace - Kentucky One Health	Employees have to Keep their Licensure, Mandatory Trainings, and Mandatory Flu Shots
Baptist Health LaGrange Hospital	Ensure Annual Competencies of all Staff. Ongoing Training to Ensure Safety, Quality, and Patient Experience.
Oldham County Health Department/HANDS	Ongoing Staff Training
Kathy Dooling, LPAT, CADC, CEAP, Private Practice LaGrange Kentucky	Evaluate
Oldham County Police	Training on How to Handle People with Health Problems and Training on Drug Trends
PTA	Advocate
The Morton Center	Maintain Current Accreditation for Licensed Counselors

**EPHS #9 - Evaluate effectiveness, accessibility, and quality of personal and population-based health services.**

<b>Organization</b>	<b>Service</b>
Oldham County Health Department	Community Assessment and MAPP
Our Lady of Peace - Kentucky One Health	We Keep Stats on All of our Programs
Metro United Way	Invest in our Community: Education, Basic Needs, Health, and Families
Oldham County Health Department/HANDS	Collect Data, RVN Outcomes, Provide Summaries, & Quarter and Annual Reports

The Morton Center	Review and Update Programs to Meet Needs
Baptist Health LaGrange Hospitals	Baptist Health Collects Vast Amounts of Quality Data to Ensure Optimal Care and Performance. The Data is used to Assess Opportunities for Improvements or Development of New Processes
Kathy Dooling, LPAT, CADC, CEAP, Private Practice LaGrange Kentucky	
Cooperative Extension Service	Every Program is Designed around Outcomes
PTA	Review and Update Ongoing Programs within Schools
Oldham County Police	Review Calls for Service, Review Drug/Alcohol Related Offenses

**EPHS #10 - Research for new insights and innovative solutions to health problems.**

<b>Organization</b>	<b>Service</b>
Operation Parent	Research and Members of CADCA
Our Lady of Peace - Kentucky One Health	Evidence Based Programs
Oldham County Health Department	NACCHO, DFC, KPHA
Oldham County Health Department/HANDS	Research New Ideas, Topics, Issues, Support, and Resources
Metro United Way	Community Research/Regional/National
PTA	Form Committees to Assemble Info
Kathy Dooling, LPAT, CADC, CEAP, Private LaGrange Kentucky	Research - Recruited U of L Grad Students for Nursing Home Art Therapy Program
Oldham County Police	Review Crime Statistics and Review Drug Trends
Cooperative Extension Office	Our Mission is to Bring the Research of UK to all the Residents of the County