



COMMUNITYHEALTH

Needs Assessment

2015



BAPTIST HEALTH®

LA GRANGE



Community Health Needs Assessment 2015

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Community Health Needs Assessment Committee

Name	Title
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Chris Roty	President, Baptist Health LaGrange
Chuck Anderson, MD	Chief Medical Officer
Roy Olpin	Director, Oncology Programs
Randall Caldwell	Director, Patient Experience
Darla Meredith	Director, Nursing
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Julie Garrison	Regional Marketing/PR Manager
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Introduction

This document is the Community Health Needs Assessment and Strategic Implementation Plan for Baptist Health LaGrange (BHLAG) in LaGrange, Kentucky.

Organization Description

Baptist Health LaGrange, a one hundred and twenty (120) bed acute care hospital and skilled nursing facility, is a wholly owned subsidiary of Baptist Healthcare System. BHLAG became part of the BHS system in 1992. Baptist Health LaGrange can serve all of the primary healthcare needs of its service area. Ninety (90) beds are licensed as acute care and thirty (30) are licensed as skilled nursing beds. BHLAG has a 24-hour emergency department, inpatient and outpatient surgery, laboratory, pharmacy, imaging capabilities, including a fixed MRI, a sleep disorders lab, physical, speech, and occupational therapy. There are medical office buildings on campus attached to the hospital. In June 2010, BHLAG opened its first ambulatory care facility, Baptist Crestwood; this is a 12,500 square foot facility that has CT, digital mammography, radiology, bone density screening, physical therapy, and medical office space. It is located approximately nine (9) miles away on the Crestwood Bypass.

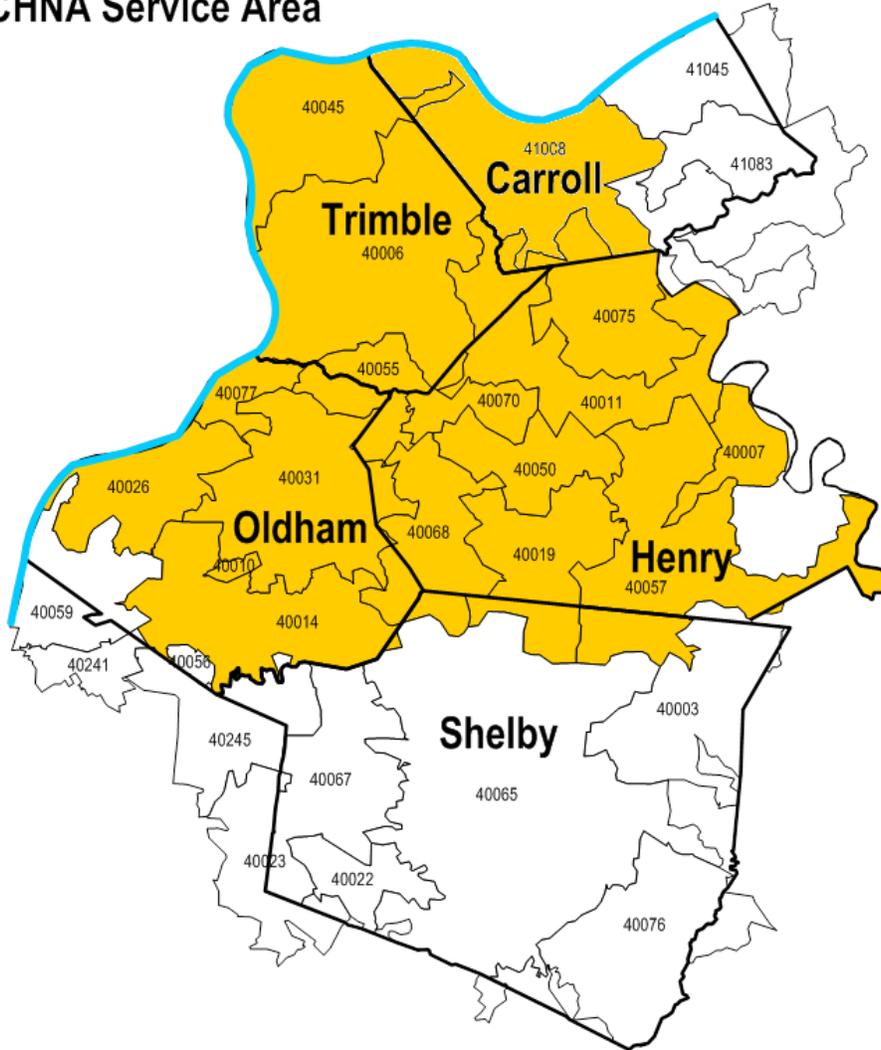
Baptist Healthcare System, Inc. ("BHS") owns and operates all seven of the Baptist affiliated hospitals located in the Commonwealth of Kentucky. BHS owns 1,937 licensed acute care hospital beds in Louisville, LaGrange, Lexington, Richmond, Paducah, Madisonville and Corbin and manages the 285 bed Hardin Memorial Hospital in Elizabethtown, KY. In 2015, BHS initiated an internal corporate restructure to more strategically align services. As a result, all Baptist Health employed physicians were merged under a single corporate entity reporting to BHS. Other services were also moved from the purview of the hospitals to BHS.

Service Area

BHLAG defines its service area for this Community Health Needs Assessment looking at where the majority of its inpatients reside. During FY 2014, over eighty eight percent (88.3%) of BHLAG's inpatients came from Oldham, Henry, Trimble, and Carroll Counties (see zip code map). Oldham County is a shared service area between Baptist Health Louisville and BHLAG.



**Baptist Health La Grange
CHNA Service Area**



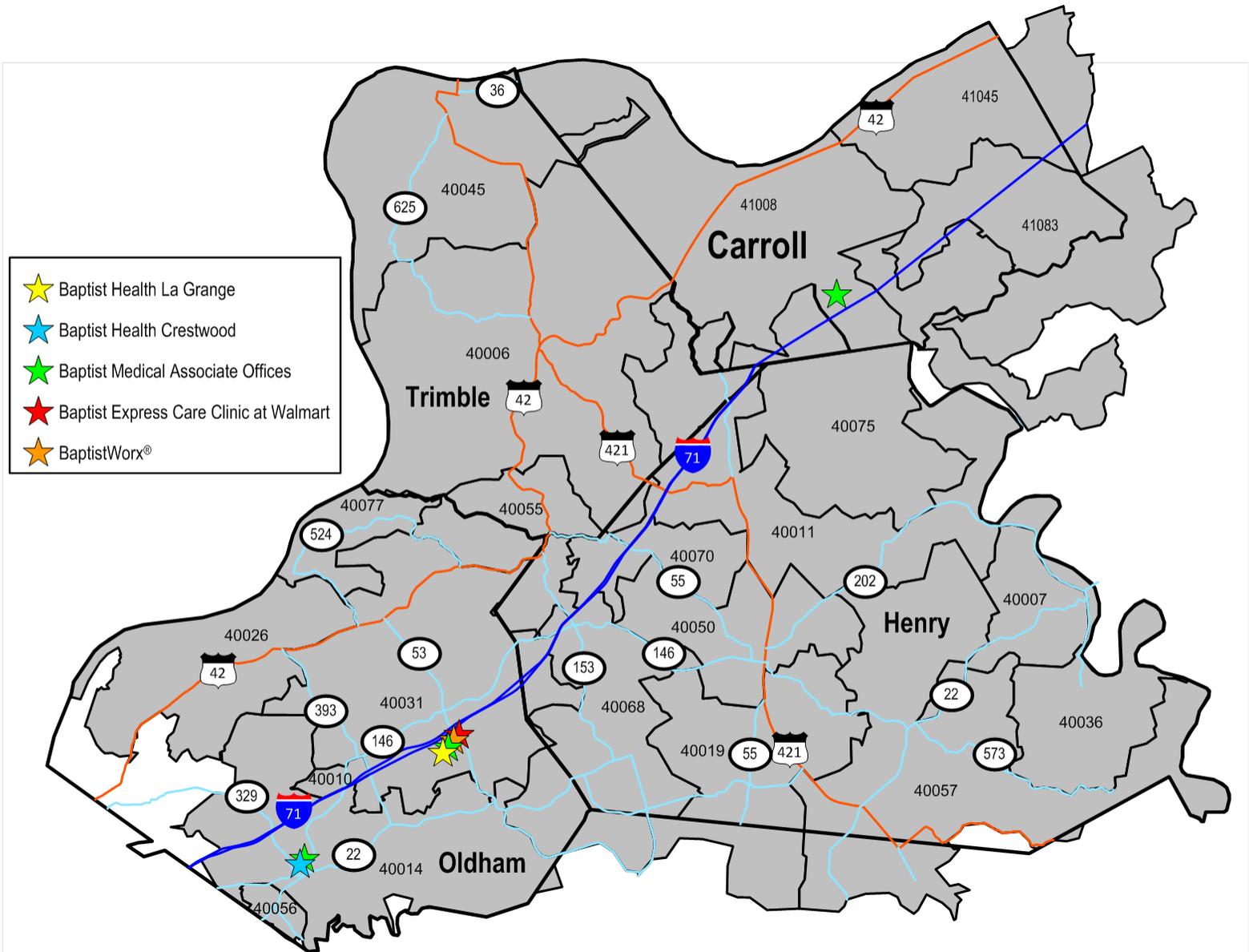
10/1/2013 - 9/30/2014		
County	Discharges	% of Total
Oldham County	1,126	45.3%
Henry County	578	23.3%
Carroll County	246	9.9%
Trimble County	245	9.9%
Total CHNA Service Area	2,195	88.3%
* Other Areas	291	11.7%
Total BH La Grange Discharges	2,486	100.0%

**Other includes 47 other counties*

Source: KHA InfoSuite, 10/1/2013 - 9/30/2014 discharges excluding normal newborns



Baptist Health Locations in BHLAG Service Area



Mission, Vision, and Values

Mission

The mission of Baptist Health LaGrange is to exemplify our Christian heritage of providing quality healthcare services by enhancing the health of the people and communities we serve.

Vision

BHS – Baptist Health will lead the transformation to healthier communities.

BHLAG – The vision of Baptist Health LaGrange is to be the hospital of choice for patients, employees and physicians.

Values

Baptist Health LaGrange will live out its Christ-centered mission to others by achieving a culture of excellence through:

Values

- Integrity
- Respect
- Excellence
- Collaboration
- Compassion
- Joy

Purpose

This Community Health Needs Assessment has been done for a variety of reasons, chief among them being:

- To help meet the hospital’s mission of enhancing the health of the people and communities it serves.
- To comply with the Patient Protection and Affordable Care Act of 2010 and maintain the hospital’s tax-exempt status.
- To establish community health needs for the hospital’s service area to help prioritize resource allocation.
- To gather data that can be used in other efforts to obtain grants and qualify for awards and certifications.
- To determine what resources are available within BHLAG’s service area and how the hospital can coordinate activities with other agencies.
- To involve appropriate individuals and groups in the process to ensure needs are identified, efforts are not duplicated, and the correct agencies to handle specific issues are identified in the strategic implementation plan.

- To create a sustainable process for conducting Community Health Needs Assessment that can be replicated and continued for future assessments.

Executive Summary

The Patient Protection and Affordable Care Act of 2010 included a provision that requires every tax-exempt, non-governmental hospital to:

- Conduct a Community Health Needs Assessment (CHNA) at least every three years
- Adopt a Strategic Implementation Plan (SIP) that identifies how the needs identified in the assessment will be met and by whom
- Report to the Internal Revenue Service via its 990 tax form how it is meeting its implementation plan

The CHNA must show how broad input from the community served by the hospital was collected and must be made widely available to the public.

This report details the process used to gather, disseminate, and prioritize the information used in the assessment. BHLAG worked closely with numerous institutions, agencies, and individuals representing public health, other hospitals, and community members.

Framework

A wide variety of community resources were consulted during this process. It began with meetings between the BHS hospitals. During these meetings, updates to the 2012 CHNA were discussed.

BHLAG determined its service area for the project using the most recent patient origin data (CY 2014), including over 88% of its discharges in the zip codes chosen. Further information about this area is found in the section headed *Service Area*, on page 34.

There are three health departments responsible for the counties BHLAG serves: the Oldham County Public Health Department; the North Central District Health Department, which serves both Henry and Trimble Counties and the Three Rivers District Health Department, which serves Carroll County. The Oldham County Health Department is currently seeking public feedback via SurveyMonkey, to reassess what the public views as their top three (3) health related issues for 2015 forward. They do not anticipate having analyzed data before August 2015. Three Rivers District has completed its public surveys and is in the process of establishing goals and strategies by county. They anticipate completing the MAPP updates by July 2015. The North Central District has a detailed MAPP on their website.



Secondary data from demographics and socioeconomic sources, Kentucky vital statistics, disease prevalence, and health indicators and statistics were collected. National, state, and local sources were used. This data will be shared in the next section.

Finally, the Community Health Needs Assessment Committee met to consider all the information. They discussed the data presented and created a revised list of the health issues that were identified in both primary and secondary data sources. After robust interaction, the committee prioritized the list and discussed various ways the hospital could help to meet these needs. This report was written and sent to all committee members for additional comments and suggestions. After these were incorporated, the final document was sent to the hospital and system Boards for approval.

Profile of the Community

Demographics and Socioeconomics

BHLAG serves zip codes in Oldham, Henry, Trimble, and Carroll Counties in Kentucky (see map on page 4). The following table shows the demographics and socioeconomic characteristics of BHLAG's CHNA primary service area for the most recent period available.

Demographics Expert 2.7
2014 Demographic Snapshot
Area: BHLaG CHNA Service Area Zips 8-2-12
Level of Geography: ZIP Code

DEMOGRAPHIC CHARACTERISTICS						
	Selected Area	USA		2014	2019	% Change
2010 Total Population	89,694	308,745,538	Total Male Population	47,020	47,758	1.60%
2014 Total Population	90,940	317,199,353	Total Female Population	43,920	44,792	2.00%
2019 Total Population	92,550	328,309,464	Females, Child Bearing Age (15-44)	15,707	15,585	-0.80%
% Change 2014 - 2019	1.80%	3.50%				
Average Household Income	\$78,625	\$71,320				

POPULATION DISTRIBUTION						HOUSEHOLD INCOME DISTRIBUTION			
Age Group	Age Distribution					2014 Household Income	Income Distribution		
	2014	% of Total	2019	% of Total	USA 2014 % of Total		HH Count	% of Total	USA % of Total
0-14	17,917	19.70%	16,400	17.70%	19.30%	<\$15K	3,446	10.90%	13.30%
15-17	4,058	4.50%	4,114	4.40%	4.10%	\$15-25K	3,210	10.10%	11.20%
18-24	7,986	8.80%	9,411	10.20%	10.00%	\$25-50K	6,381	20.20%	24.40%
25-34	9,738	10.70%	10,365	11.20%	13.20%	\$50-75K	5,893	18.60%	17.90%
35-54	26,988	29.70%	24,234	26.20%	26.60%	\$75-100K	4,471	14.10%	11.90%
55-64	12,360	13.60%	13,186	14.20%	12.60%	Over \$100K	8,250	26.10%	21.30%
65+	11,893	13.10%	14,840	16.00%	14.20%				
Total	90,940	100.00%	92,550	100.00%	100.00%	Total	31,651	100.00%	100.00%

EDUCATION LEVEL					RACE/ETHNICITY			
2014 Adult Education Level	Education Level Distribution				Race/Ethnicity	Race/Ethnicity Distribution		
	Pop Age 25+	% of Total	USA % of Total	USA % of Total		2014 Pop	% of Total	USA % of Total
Less than High School	3,037	5.00%	6.00%		White Non-Hispanic	81,430	89.50%	62.10%
Some High School	5,332	8.70%	8.20%		Black Non-Hispanic	3,466	3.80%	12.30%
High School Degree	19,891	32.60%	28.40%		Hispanic	3,761	4.10%	17.60%
Some College/Assoc. C	17,042	27.90%	29.00%		Asian & Pacific Is. Non-I	667	0.70%	5.10%
Bachelor's Degree or G	15,677	25.70%	28.40%		All Others	1,616	1.80%	3.00%
Total	60,979	100.00%	100.00%		Total	90,940	100.00%	100.00%

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There are approximately 71,000 persons in the adult population (16+) with a labor force of 45,000. Residents are slightly wealthier and much more racially and ethnically homogenous than the US as a whole. Most are employed with lower than State average unemployment (see table on the following page).

Labor Force Characteristics
Area: BHLaG CHNA Service Area Zips 8-2-12
2014 ZIP Code Report
Ranked on 2014 Total Population 16+ (Desc)

ZIP Code	ZIP City Name	2014 Total Population 16+		Total Labor Force		Unemployed in Labor Force		Females in Labor Force	
		Count	%Down	Count	%Across	Count	%Across	Count	%Across
40031	La Grange	18,830	26.30%	10,251	54.40%	970	5.20%	5,004	65.80%
40014	Crestwood	15,867	22.10%	11,344	71.50%	618	3.90%	5,436	66.80%
41008	Carrollton	6,025	8.40%	3,521	58.40%	385	6.40%	1,657	54.50%
40026	Goshen	3,956	5.50%	2,952	74.60%	124	3.10%	1,415	70.40%
40006	Bedford	3,859	5.40%	2,340	60.60%	174	4.50%	1,001	51.70%
40019	Eminence	3,068	4.30%	1,965	64.00%	265	8.60%	952	58.50%
40045	Milton	2,574	3.60%	1,465	56.90%	161	6.30%	621	49.50%
40057	Pleasureville	2,550	3.60%	1,497	58.70%	153	6.00%	699	54.40%
40056	Pewee Valley	2,496	3.50%	1,728	69.20%	184	7.40%	829	63.30%
40011	Campbellsburg	1,957	2.70%	1,179	60.20%	98	5.00%	523	51.50%
40068	Smithfield	1,695	2.40%	1,149	67.80%	74	4.40%	532	62.30%
40055	Pendleton	1,474	2.10%	970	65.80%	60	4.10%	436	59.60%
40050	New Castle	1,389	1.90%	852	61.30%	55	4.00%	440	59.20%
41083	Sanders	1,147	1.60%	754	65.70%	138	12.00%	339	61.60%
41045	Ghent	1,063	1.50%	689	64.80%	146	13.70%	322	63.00%
40075	Turners Station	923	1.30%	555	60.10%	53	5.70%	225	50.10%
41098	Worthville	880	1.20%	590	67.00%	111	12.60%	276	63.30%
40077	Westport	678	0.90%	440	64.90%	39	5.80%	212	62.20%
40010	Buckner	464	0.60%	326	70.30%	10	2.20%	148	63.20%
40070	Sulphur	398	0.60%	254	63.80%	15	3.80%	121	60.50%
40036	Lockport	236	0.30%	133	56.40%	14	5.90%	61	52.60%
40007	Bethlehem	165	0.20%	92	55.80%	9	5.50%	45	52.30%
Total		71,694	100.00%	45,046	62.80%	3,856	5.40%	21,294	61.80%

Demographics Expert 2.7

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Oldham County zip codes are above average in household income and home value. The remaining counties are all below average socioeconomically for household income and home value. The % down column represents what proportion each zip code is of the whole.



Households by Socioeconomic Characteristics
Area: BHLaG CHNA Service Area Zips 8-2-12
2014 ZIP Code Report
Ranked on 2014 Households (Desc)

ZIP Code	ZIP City Name	County	2014 Total Households	%Down	2014 Median HH Income	Median Age of Total Population	Median Home Value
40010	Buckner	Oldham	195	0.60%	\$107,986	39.3	\$321,429
40026	Goshen	Oldham	1,761	5.60%	\$97,682	40.8	\$240,190
40014	Crestwood	Oldham	7,076	22.40%	\$86,836	40.8	\$252,399
40056	Pewee Valley	Oldham	1,158	3.70%	\$81,676	42.6	\$219,400
40031	La Grange	Oldham	6,872	21.70%	\$64,461	38.8	\$214,807
40077	Westport	Oldham	329	1.00%	\$61,117	44.9	\$239,904
40006	Bedford	Trimble	1,865	5.90%	\$59,481	40.5	\$133,104
40055	Pendleton	Henry	673	2.10%	\$58,938	42.3	\$166,263
41098	Worthville	Carroll	445	1.40%	\$57,683	40.5	\$83,500
40036	Lockport	Henry	118	0.40%	\$51,429	44.3	\$118,750
41083	Sanders	Carroll	538	1.70%	\$51,014	39.6	\$90,256
40068	Smithfield	Henry	789	2.50%	\$50,703	45.4	\$180,357
40057	Pleasureville	Henry	1,243	3.90%	\$47,828	41.3	\$117,366
40045	Milton	Trimble	1,291	4.10%	\$46,450	40.6	\$109,188
40007	Bethlehem	Henry	82	0.30%	\$45,833	44.8	\$103,750
40070	Sulphur	Henry	185	0.60%	\$45,208	42.4	\$147,656
40011	Campbellsburg	Henry	973	3.10%	\$44,247	40.5	\$117,163
41045	Ghent	Carroll	504	1.60%	\$43,333	38.2	\$94,167
40075	Turners Station	Henry	443	1.40%	\$42,594	40.9	\$118,015
40050	New Castle	Henry	677	2.10%	\$38,315	44	\$112,500
40019	Eminence	Henry	1,536	4.90%	\$34,825	38	\$116,830
41008	Carrollton	Carroll	2,898	9.20%	\$34,589	37.3	\$115,138
Total			31,651	100.00%	\$63,503	40.1	\$188,731

Demographics Expert 2.7

DEMO0021.SQP

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Mortality

The following table shows mortality rates by several leading causes of death in each county:

Age Adjusted Death Rates	Oldham	Trimble	Henry	Carroll	KY	USA
Total	555.5	939.4	1081.1	1110.8	984.1	809.7
Coronary Heart Disease	86	101.6	104.6	156.9	121.6	105.4
Cancer	162.3	206.7	255.8	204.8	203.5	169.3
COPD & Pneumonia	12.8	*	20.7	22	23.1	18.2
Accidents	26.3	33.9	42.7	42.9	42.5	27.7
Stroke	31.4	39.9	55.7	54.5	44.4	38
Diabetes	16.9	35.6	29.9	32.6	28.8	21.2
Suicide	10.6	*	22.7	*	15.6	12.8
Homicide	*	*	*	*	4.8	5.4
Motor Vehicle/100 M Miles	9.9	22.6	15.1	30.6	16.9	10.9
All Other Causes	199.3	499.1	533.9	566.5	482.9	400.8

Source: wonder.cdc.gov CDC Compressed Mortality for 2010-2013

* Per CDC, Data is Statistically Unreliable

 Significantly Below KY Rate
 Significantly Above KY Rate

These rates are age-adjusted and signify the number of persons who expired per 100,000 population. The numbers in green are significantly below the Kentucky rates while the numbers shown in red are significantly higher. These may indicate areas that are doing better (or worse) in the care of specific conditions. Thus, Oldham County’s low death rate due to COPD may show that residents are seeking and receiving care quickly for COPD-related events or they may be doing a better job of caring for themselves, thus reducing the number of COPD-related events overall. When compared to the previous CHNA survey report, some of the data in this chart has undergone some significant changes. This is because the data source has changed. Previous sources were not updated past CY 2011, and so CDC data was used as it was the only source with current information.

The most troubling areas seem to be in Carroll County, which has high death rates in multiple areas, in cancer rates in Trimble County, and in cardiovascular events in Henry County. The entire area, except for Oldham County, has higher overall death rates than Kentucky and the US as a whole.

Cancer Incidence Rates

Cancer Incidence rates are from the Kentucky Cancer Registry and cover a five-year span. Carroll County seems to have greatly improved from previous reports due to the decline in Breast, Female Genitalia, and significant decline in Prostate Cancer rates. Oldham County has a higher than average incidence rate for prostate cancer. This is a cancer site that can be screened for the disease fairly easily, thus the higher rate may be a function of better detection. On the other hand, there may actually be higher numbers of people contracting cancer in this site due to poor health behaviors or environmental hazards. The numbers in the table below that are highlighted in green are more favorable than the Kentucky average and the ones in red less favorable.

Age Adjusted Cancer Incidence	Oldham	Trimble	Henry	Carroll	KY
All Cancers	530.1	551.4	573.6	517.6	520.4
Prostate	157.5	81.6	102.2	101.7	122.6
Lung	78.7	119.5	114.6	118.3	97.5
Breast	71.5	56.1	79.1	74.3	65.3
Female Genitalia	39.9	64.8	49.8	48.4	49.8
Skin	34.7	27.4	35.4	33.6	25.6
Pancreas	17.1	14.7	10.2	0	12.2
All Other Cancers	130.7	187.3	182.3	141.3	147.4

Source: KY Cancer Registry, cancer-rates.info/ky 2008-2012

	Significantly Below KY Rate
	Significantly Above KY Rate

Health Statistics and Rankings

BHLAG collected health statistics and outcome measures from a wide variety of sources. The most recent data came from the Robert Wood Johnson County Health rankings which were published in 2015. The tables on the following two pages show health outcomes, health behaviors, clinical care availability, socioeconomic factors, and physical environment risks for each county in BHLAG's service area. The rankings are based on the one hundred-twenty (120) counties in Kentucky. Oldham County has almost the highest rankings in the Commonwealth, except in its physical environment rank which is the lowest in Kentucky. Access to primary care is an issue in all the counties. Carroll County has lower than average socioeconomic statistics.



	Kentucky	Oldham	Trimble	Henry	Carroll
Health Outcomes		1	63	41	83
Length of Life		1	79	64	75
<u>Premature death</u>	8,768	5,430	10,408	9,512	10,121
Quality of Life		4	40	22	90
<u>Poor or fair health</u>	21%	9%		15%	34%
<u>Poor physical health days</u>	4.8	2.4		4.4	6.6
<u>Poor mental health days</u>	4.3	3.8			6.9
<u>Low birthweight</u>	9.10%	8.40%	7.50%	8.20%	8.10%
Health Factors		1	47	56	103
Health Behaviors		1	71	77	120
<u>Adult smoking</u>	26%	14%		29%	45%
<u>Adult obesity</u>	33%	29%	35%	35%	34%
<u>Food environment index</u>	7.4	8.6	7.5	7.8	5.7
<u>Physical inactivity</u>	31%	26%	32%	34%	31%
<u>Access to exercise opportunities</u>	62%	83%	7%	30%	56%
<u>Excessive drinking</u>	12%	14%			
<u>Alcohol-impaired driving deaths</u>	28%	36%	36%	27%	44%
<u>Sexually transmitted infections</u>	381	107	126	188	254
<u>Teen births</u>	49	15	46	57	78
Clinical Care		1	66	47	67
<u>Uninsured</u>	17%	11%	16%	19%	19%
<u>Primary care physicians</u>	1,560:1	1,956:1	4,363:1	3,089:1	2,753:1
<u>Dentists</u>	1,731:1	2,456:1	4,394:1	5,106:1	2,725:1
<u>Mental health providers</u>	852:01:00	1,365:1	4,394:1	2,188:1	2,180:1
<u>Preventable hospital stays</u>	103	79	163	89	150
<u>Diabetic screening</u>	84%	90%	89%	88%	91%
<u>Mammography screening</u>	59%	68%	56%	62%	62%
Social & Economic Factors		1	30	63	96
<u>High school graduation</u>	79%	86%	63%	82%	72%
<u>Some college</u>	57%	71%	54%	43%	35%
<u>Unemployment</u>	8.20%	6.60%	8.20%	8.30%	9.60%
<u>Children in poverty</u>	27%	8%	23%	26%	33%
<u>Inadequate social support</u>	20%	8%	10%		
<u>Children in single-parent households</u>	34%	18%	15%	38%	49%
<u>Violent crime</u>	247	89	22	70	69
<u>Injury deaths</u>	79	41	86	85	90
Physical Environment		52	75	40	49
<u>Air pollution - particulate matter</u>	13.5	13.5	13.4	13.4	13.4
<u>Drinking water violations</u>	7%	0%	0%	0%	0%
<u>Severe housing problems</u>	14%	11%	11%	13%	19%
<u>Driving alone to work</u>	82%	84%	85%	79%	78%
<u>Long commute - driving alone</u>	28%	42%	49%	52%	21%

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

Primary Data

There are three health departments responsible for the counties BHLAG serves: the Oldham County Public Health Department; the North Central District Health Department, which serves both Henry and Trimble Counties and the Three Rivers District Health Department, which serves Carroll County. The Oldham County Health Department is currently seeking public feedback via SurveyMonkey (see Appendix B), to reassess what the public views as their top three (3) health related issues for 2015 forward. They do not anticipate having analyzed data before August 2015. Three Rivers District has completed its public surveys and is in the process of establishing goals and strategies by county. They anticipate completing the MAPP updates by July 2015. The North Central District has a detailed MAPP on their website.

Community Health Care Resources

There are a fairly limited number of healthcare resources in BHLAG’s service area and even those are not distributed evenly. The BHLAG Planning Department catalogued the various types and locations of these resources.

Hospitals

There are two hospitals in the service area and one psychiatric center; the hospitals are an acute care facility and the other a Critical Access Hospital, with a total of 115 licensed acute care beds and 30 skilled nursing beds. The following table lists both the hospitals in the service area.

Hospital	Type	Licensed Beds	Location
Carroll County Memorial Hospital	CAH	25	Carrollton
Baptist Health La Grange	ACUTE	90	Lagrange
Kentucky Correctional Psychiatric Center	PSY	97	Lagrange

Source: Kentucky Office of the Inspector General, Hospital Directory, as of 2/24/2015

Carroll County Memorial Hospital (CCMH) is a critical access hospital. This is a special hospital designation from the Centers for Medicare and Medicaid that acknowledges the need to have hospitals in rural communities that can serve basic needs and stabilize patients for transfers to tertiary facilities for more extensive care. In February 2012, the hospital affiliated with Norton Healthcare System. Management acknowledged they did so to better position CCMH to be able to manage the inevitable but unknown changes that are coming to the health care industry under health care reform, including the need for rural health care organizations to align themselves with tertiary partners. According to their Web site, the hospital employs more than 250 health care professionals, serves 14,000 people annually through outpatient services, 3,000 through inpatient services, 12,000 through its emergency department, and 27,000 through its physician services.

Other Licensed Facilities

According to the Kentucky Office of the Inspector General, there are 16 licensed facilities other than hospitals in Oldham County (3 dialysis centers, 2 rehab agencies, 2 primary care clinics, 1 developmentally disabled group home, 1 diagnostic imaging center, 1 adult day health, 1 mobile health service, and 2 special health clinics, 1 limited service clinic and 2 outpatient physical therapy centers). There are 2 licensed facilities in Henry County, 3 in Trimble County, and 3 in Carroll County, including a Rural Health Clinic.

The Hope Health Clinic is an indigent care clinic located on BHLAG's campus that is run by a coalition of local ministers. It was nearly closed a year ago, but local groups including the hospital came together to revitalize it. It cares for indigent patients, including undocumented aliens living in the area, for Oldham, Henry, Trimble, and Carroll Counties. The Hope Health Clinic was a recent recipient of a social innovation grant (which includes a federal portion) for \$100,000 for two to three years for purpose of addressing both access and specific health outcomes. A representative from BHLAG serves as project director for the grant and the Oldham County Health Department serves as fiscal intermediary.

Health Departments

As stated earlier in this document, there are three separate Health Departments located in BHLAG's CHNA service area: the Oldham County Health Department; the North Central District Health Department which serves Shelby, Spencer, Henry, and Trimble Counties; and the Three Rivers District Health Department, which serves Carroll, Owen, Gallatin, and Pendleton Counties.

The Oldham County Health Department mission is to protect, and promote a healthy community through education, enforcement and empowerment. In order to accomplish this, they control communicable disease, encourage healthy lifestyles, provide preventative screenings and reduce hazards in the environment. Their clinic provides adult health vaccinations, cancer screening, a cardiovascular disease program, a dental program, diabetes care, family planning services, a new parent visitation program called HANDS, immunizations, nutrition counseling, prenatal care, smoking cessation, sexually transmitted disease prevention, teen pregnancy and sexual disease counseling, tuberculosis screening, well child exams, and administers the Women/Infant/Children (WIC) nutrition program for the county.

The North Central District Health Department and the Three Rivers Health Department provide similar services, although Three Rivers acknowledged they do not provide prenatal care themselves, instead sending those patient to Tri-County OB/GYN, a practice with an office at BHLAG.



Physicians

In March 2014, BHS engaged Healthcare Strategy Group (HSG) to conduct a primary care physician manpower analysis. HSG completed the analysis and presented recommendations, by hospital, relative to primary care physician manpower deficits.

Specialty	As of 2014						In 2017	
	#	Avg. Age	40 & Under	41-55	56-60	>60	>60	% >60
Adult Primary Care (FM & IM)	33	49.9	3	16	6	8	9*	27%
Pediatrics	10	38.1	4	6	0	0	0**	0%

Methodology: Medical staff rosters (as presented by each BH facility) were assessed for physician age, with a focus on physicians who will be over 60 in 2017.

*8 Adult Primary Care Physicians over age 65 (see following PCP age slides for details)

**0 Pediatricians over age 65 (see following PCP age slides for details)

- Adult PCP succession planning issues not dire, but need to be addressed
- No succession issues with pediatrics

As a result of this analysis, Valada Sinclair, Baptist Health Medical Group (BHMGM) Executive Director, Physician Recruitment and Alignment is actively engaged in addressing this anticipated manpower deficit. In February 2015, HSG was once again engaged to do a similar manpower analysis of specialty providers. Final results and recommendations are not available at the time of this update.

Committee Discussion

During the Community Health Needs Assessment Committee meeting, members expressed their thoughts about several health concerns in the area and where BHLAG should concentrate its resources over the next three years. The committee included senior hospital leadership and specific department directors.

After studying the primary and secondary data, the committee discussed the issues. First and foremost the team unanimously agreed that a lack of health literacy continues to be an ongoing issue. And while BHLag has been focused on this issue there is still much work to do. The committee agreed that creating a higher level of health literacy would come about through improved access to care, more education about wellness and a combination of communities, health industry members and government creating incentives for people to take better care of themselves. The committee members briefly discussed the services BHLAG already provides that are detailed in the annual Community Benefit Report (see Appendix D for the FY 2014 BHLAG report).

Prioritized Health Issues

The committee started off with a list of eight (8) issues. For the purpose of this assessment the team then identified their top three the hospital will focus on over the next three years. They are:

- Health Literacy
- Cancer
- Cardiovascular Disease

The other five (5) are the aging population, mental health, substance abuse, obesity and diabetes. The consensus of the team is many of these issues are related and efforts to combat one will result in improvements in one or more of the others.

Health literacy was defined as an increased awareness of the public to their overall healthcare environment, including knowledge of how and when to access care, understanding their personal health status, and the necessity of compliance to medicine and lifestyle regimens assigned by their physicians. Only through the combined efforts of medical professionals, schools, churches and government agencies will we be successful in educating and engaging individuals in caring for themselves. Kentucky has some of the highest rates in the nation for preventable health conditions and for behaviors that have been identified as unhealthy. The committee felt that continued focus on health literacy and personal responsibility would improve the general health of the population more than any other activity.

As cancer continues to be a leading cause of death in this service area, the committee ranked it as their second priority in terms of public health issues. Oldham county mortality levels are better than the state and national averages. The committee acknowledged the continued need for board certified oncologists and easy access to cancer related services such as chemotherapy and radiation therapy.



Cardiovascular disease ranked as the committee’s third priority and encompasses coronary artery disease, heart attack, arrhythmias, heart failure, cardiomyopathy and vascular disease. The discussion focused on education, prevention and treatment. The goal is to expand public awareness of disease root causes and common associated conditions to increase compliance with standard of care protocols.

Strategic Implementation Plan

2015 – 2018 Initiatives

Identified Health Needs	Goals	Action Item(s)	Measures
Health Literacy	<ul style="list-style-type: none"> Increase public awareness of the overall healthcare environment (what is available, where, when, etc.) Educate public to better understand how, when and where to access appropriate levels of care Enhance public understanding of their own personal health status with a focus on medication management and the impact of lifestyle choices 	<p>Promote types of services available and locations of those services</p> <p>Promote MyChart signup and usage beginning in April 2016</p> <p>Distribute tear out card defining appropriate settings of care</p> <p>Promote Baptist Health Express & Urgent Care Clinics as well as link to "What's the Difference?"</p> <p>Targeted distribution of Health Magazine Health Fairs</p> <p>Promote "Baptist Health For You" and "Health & Wellness"</p>	<p>1) # of hits to location on our website</p> <p>2) # of patients registering for MyChart</p> <p>1) # of cards distributed</p> <p>2) # of hits to this location on our website</p> <p>1) # distributed</p> <p>2) # of health fairs</p> <p>3) # of attendees</p> <p>4) # of hits to this location on our website</p>



Cancer	<ul style="list-style-type: none"> Assess strategies for access to care to ensure patient care services are convenient and close to home 	<p>Kentuckiana Region President, David Gray, to send letter with personal testimony to the importance of colon cancer screenings</p>	<ol style="list-style-type: none"> # of letters distributed to employees # of eligible employees and # of employees who actually had a colonoscopy
	<ul style="list-style-type: none"> Enhance cancer education and screening opportunities 	<p>Year 1 - Use eligible Baptist Health employees to increase colon cancer screening rates Year 2 - Expand the scope to include existing patient population Promote online cancer risk assessment as well as Health Talks and educational videos with oncologists Membership and participation in the American Commission on Cancer, Kentucky Cancer Consortium and Kentucky Cancer Link</p>	<ol style="list-style-type: none"> # of eligible employees and # of employees who actually had a colonoscopy # of hits to these locations on our website # of memberships and participation events
		<p>Coordinate with regional public health departments and the American Cancer Society to promote public education on importance of colon cancer screenings</p>	<ol style="list-style-type: none"> # of initiatives # partnerships
	<ul style="list-style-type: none"> Participate in cutting edge research trials to facilitate development of cancer fighting medications 	<p>Create a consolidated National Research Group network of oncology trials to ensure the availability of all trials across the community footprint</p>	<ol style="list-style-type: none"> # of clinical trials available # of patients enrolled



Cardiovascular Disease	<ul style="list-style-type: none"> Expand public awareness of disease root causes and common associated conditions to increase public awareness of healthier lifestyle and cardiovascular disease prevention 	Promote advanced heart care (September campaign)	1) # of hits to these locations on our website
		Promote healthier lifestyle by increasing patient referrals to cardiac rehab (Phase II)	1) Increase patient referral to cardiac rehab by 5% from baseline
		Health fairs, screenings (vascular, blood pressure, cholesterol) for the general public	1) # of health fairs and screenings
		Employer Solutions (Wellness Programs) health fair and screenings	1) # of Employer health fairs and screenings

Communications Plan

The IRS guidelines for Community Health Needs Assessment call for making the results of the process widely available. To meet this requirement, BHLAG will publish this document on its Web site and make hard copies available to the public upon request. These results will be incorporated into Baptist Healthcare System’s annual IRS tax form 990 submission.

Conclusions

Baptist Health LaGrange will continue to use this Community Health Needs Assessment and Strategic Implementation Plan to allocate resources to improve the health of its service area. This is in keeping with its mission and is in its best interest because improving population health will reduce healthcare costs.

Appendix A – OCDH Survey

Oldham County Community Health Survey 2015



Your opinion is important! If you are a resident of Oldham County and at least 18 years old, please take a few short minutes to complete this 20 question survey. Enter your phone number at the end of the survey for a chance to win one of many \$50 gift certificates.

The purpose of this survey is to get your opinions about community health issues in Oldham County. The Coalition for a Healthy Oldham County will use the results of this survey and other information to identify the most pressing problems which can be addressed through community action. Remember... your opinion is important! Thank you and if you have any questions, please contact us (see contact information at the bottom).

1. In the following list, what do you think are the top THREE factors that most improve the quality of life in Oldham County?

Please check the top THREE:

- | | |
|--|--|
| <input type="checkbox"/> Access to health care (e.g., family doctor) | <input type="checkbox"/> Healthy behaviors and lifestyles |
| <input type="checkbox"/> Affordable housing | <input type="checkbox"/> Low adult death and disease rates |
| <input type="checkbox"/> Arts and cultural events | <input type="checkbox"/> Low crime / safe neighborhoods |
| <input type="checkbox"/> Clean environment | <input type="checkbox"/> Low infant deaths |
| <input type="checkbox"/> Emergency preparedness | <input type="checkbox"/> Low level of child abuse |
| <input type="checkbox"/> Excellent race/ethnic relations | <input type="checkbox"/> Parks and recreation |
| <input type="checkbox"/> Good jobs and healthy economy | <input type="checkbox"/> Religious or spiritual values |
| <input type="checkbox"/> Good place to raise children | <input type="checkbox"/> Strong family life |
| <input type="checkbox"/> Good schools | <input type="checkbox"/> Other (please specify) |

2. In the following list, what do you think are the top THREE problems that have the greatest impact on overall community health in Oldham County?

Please check the top THREE:

- | | | |
|---|--|---|
| <input type="checkbox"/> Aging problems (e.g., arthritis, hearing/vision loss etc.) | <input type="checkbox"/> Heart disease and stroke | <input type="checkbox"/> Obesity |
| <input type="checkbox"/> Alcohol/Drugs | <input type="checkbox"/> High blood pressure | <input type="checkbox"/> Poor Diet |
| <input type="checkbox"/> Cancers | <input type="checkbox"/> HIV / AIDS | <input type="checkbox"/> Rape / sexual assault |
| <input type="checkbox"/> Child abuse / neglect | <input type="checkbox"/> Homicide | <input type="checkbox"/> Respiratory / lung disease |
| <input type="checkbox"/> Dental problems | <input type="checkbox"/> Infant Death | <input type="checkbox"/> Sexually Transmitted Diseases (STDs) |
| <input type="checkbox"/> Diabetes | <input type="checkbox"/> Infectious Diseases (e.g., hepatitis, TB, etc.) | <input type="checkbox"/> Suicide |
| <input type="checkbox"/> Domestic Violence | <input type="checkbox"/> Mental health problems | <input type="checkbox"/> Teenage pregnancy |
| <input type="checkbox"/> Firearm-related injuries | <input type="checkbox"/> Motor vehicle crash injuries | <input type="checkbox"/> Terrorist activities |
| <input type="checkbox"/> Other (please specify) | | |

3. In the following list, what do you think are the top THREE behaviors that have the greatest impact on overall community health in Oldham County?

Please check the top THREE:

- | | |
|---|--|
| <input type="checkbox"/> Alcohol abuse | <input type="checkbox"/> Not using birth control |
| <input type="checkbox"/> Being overweight | <input type="checkbox"/> Not using seat belts / child safety seats |
| <input type="checkbox"/> Dropping out of school | <input type="checkbox"/> Poor eating habits |
| <input type="checkbox"/> Drug abuse | <input type="checkbox"/> Racism |
| <input type="checkbox"/> Lack of exercise | <input type="checkbox"/> Tobacco use |
| <input type="checkbox"/> Lack of maternity care | <input type="checkbox"/> Unsafe sex |
| <input type="checkbox"/> Not getting "shots" to prevent disease | <input type="checkbox"/> Unsecured firearms |
| <input type="checkbox"/> Other (please specify) | |



4. In the following list, what do you think are the top THREE safety concerns in Oldham County?

Please check the top THREE:

- Access to firearms by children
- Alcohol and Drug Use
- Child abuse and neglect
- Domestic violence
- Gang-related activity
- Growing Marijuana
- Manufacturing of methamphetamines
- Other (please specify)
- Not using seat belts and safety seats, helmets
- Racism and intolerance
- School Violence (including bullying)
- Unsafe Driving
- Unsafe roads/sidewalk conditions
- Unsafe/unprotected sex

5. Where do you seek health care most often?

- Primary Care Provider
- Specialist
- Urgent Care
- Clinics located in Drug/Grocery Store
- Emergency Room
- Chiropractor
- Hope Health Clinic
- Oldham County Health Department
- Other (please specify)

6. If you seek health care outside of Oldham County, choose one answer that best matches why:

- My doctor of choice is in another city.
- No providers in Oldham County for services I need.
- My insurance only covers doctors in another area.
- No appropriate doctors accept Medicare/Medicaid.
- Convenience
- Other (please specify)

7. How do you pay for your health care? (Please choose all that apply)

- Self pay (No insurance)
- Health insurance (e.g., private insurance, Humana, Anthem, Kynect, etc.)
- Medicaid (CareSource, CoventryCares, Passport, WellCare)
- Medicare or Medicare Advantage
- Veterans Administration
- Don't go to a Doctor because I can't pay
- Other (please specify)

8. How much do you think ADULTS risk harming themselves (physically or in other ways) if they smoke marijuana once or twice a week?

- No risk
- Slight risk
- Moderate risk
- Great risk

9. How much do you think YOUNG PEOPLE risk harming themselves (physically or in other ways) if they smoke marijuana once or twice a week?

- No risk
- Slight risk
- Moderate risk
- Great risk

10. How much do you think YOUNG PEOPLE risk harming themselves (physically or in other ways) if they drink alcohol once or twice a week?

- No risk
- Slight risk
- Moderate risk
- Great risk



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2015 Update

11. How concerned are you by UNDERAGE drinking in Oldham County?

- Very concerned
- Somewhat concerned
- Not very concerned
- Not sure

12. Do you agree or disagree with the following statement: It is okay for youth under the age of 21 to drink if they are at a home and supervised by an adult.

- Agree
- Disagree

13. A 'social host' is anyone who knowingly hosts or allows underage drinking at parties on property that they own, lease or otherwise control. A Social Host Ordinance holds adults criminally responsible for any underage drinking occurring on their property. Are you aware that such an ordinance exists in Oldham County?

- Yes
- No

14. Are safe walking paths important to you?

- Yes
- No

15. The Greenways Project is a recreational trail that will connect LaGrange to Pewee Valley. Do you think completion of the Greenways Project should be a community priority?

- Yes
- No

16. In what ZIP code is your home located? (enter 5-digit ZIP code; for example, 40031 or 40014)

17. Your Age:

- 18 - 25
- 26 - 39
- 40 - 54
- 55 - 64
- 65 or over

18. Your Sex:

- Male
- Female

19. What is the highest level of school you have completed or the highest degree you have received?

- Less than high school degree
- High school degree or equivalent (e.g., GED)
- College degree or higher
- Other (please specify)

20. Household income:

- Less than \$20,000
- \$20,000 to \$39,999
- \$40,000 to \$59,999
- \$60,000 to \$79,999
- \$80,000 to \$99,999
- Over \$100,000

21. Please enter your phone number (area code first) here for a chance to win several different gift certificates. Your phone number will not be linked to your responses or used for any further communication:

If you would like more information about this community project, please contact us at the number below:

Anna Hobbs
Coalition for a Healthy Oldham County
Oldham County Health Department
1786 Commerce Parkway
LaGrange, KY 40031
502-222-3516 x 140

Thank you very much for your response!

Powered by SurveyMonkey

Check out our sample surveys and create your own now!

Appendix B – Data Sources

Health Departments

Oldham County Public Health Department

<http://oldhamcountyhealthdepartment.org/>

North Central District Health Department (Shelby and Spencer Counties)

<http://www.ncdhd.com/>

Three Rivers District Health Department

<http://www.trdhd.com/>

Kentucky Department of Public Health

<http://chfs.ky.gov/dph/>

National Sources

Robert Wood Johnson Foundation County Health Ranking and Roadmap

<http://www.countyhealthrankings.org>

Centers for Disease Control and Prevention

<http://www.cdc.gov/>

Rural Assistance Center

<http://www.raconline.org/states/kentucky.php>

U.S. Department of Health and Human Services – *Healthy People 2020*

<http://healthypeople.gov/2020/>

U.S. Department of Health and Human Services – Community Health Status Indicators

<http://www.communityhealth.hhs.gov/homepage.aspx>

State Sources

CEDIK – Community & Economic Development Initiative of Kentucky

<http://www2.ca.uky.edu/CEDIK/CountyDataProfiles>

Foundation for a Healthy Kentucky’s Kentucky Health Facts

<http://www.kentuckyhealthfacts.org/>

Kentucky Department of Public Health's Center for Performance Management

<http://chfs.ky.gov/dph/CenterforPerformanceManagement.htm>

Kentucky Public Health Association

<http://www.kpha-ky.org/>

Kentucky Hospital Association

<http://www.kyha.com/>

Kentucky Office of the Inspector General

<http://chfs.ky.gov/os/oig/>

Kentucky State Data Center

<http://ksdc.louisville.edu/>

Seven Counties Services, Inc.

<http://www.sevencounties.org/>



Appendix C – 2014 BHLAG Community Benefits Report

Baptist Health LaGrange Community Benefits Report Fiscal Year 2014 Highlights

Unreimbursed cost of charity care	2,626,371
Unreimbursed cost of Medicaid	2,393,153
Subsidized health services	1,034,537
Health improvements and other contrib**	38,053
Total Community Benefit	<u>6,092,114</u>
Unreimbursed cost of Medicare	183,054
Unreimbursed cost of Uncollectibles	486,726
Total	<u>6,761,894</u>