

*Baptist Health Louisville's Cardiac Rehabilitation program helped John Zeydel, a local business leader and triathlete, come back even stronger after a massive heart attack.*



COMMUNITY  
HEALTH  
NEEDS  
ASSESSMENT  
2018



**BAPTIST HEALTH®**

LOUISVILLE

## Contents

Community Health Needs Assessment Committee.....	2
Introduction .....	3
Organization Description .....	3
Service Area .....	4
Mission, Vision, and Values .....	6
Purpose .....	6
Executive Summary.....	7
Framework.....	7
Profile of the Community.....	8
Demographics and Socioeconomics .....	8
Mortality .....	11
Cancer Incidence Rates.....	12
Health Statistics and Rankings .....	13
Primary Data .....	14
Community Healthcare Resources .....	14
Committee Discussion .....	17
Prioritized Health Issues .....	17
Strategic Implementation Plan .....	19
Communications Plan .....	20
Conclusions .....	20
Appendix A – Data Sources.....	21
Health Departments .....	21
National Sources .....	21
State Sources.....	22
Appendix B – 2018 Baptist Health Louisville Public Survey Instrument.....	23
Appendix C – 2015-2018 SIP Results.....	31
Appendix D – Baptist Health Louisville FY 2017 Community Benefit Report Summary...	34

## Community Health Needs Assessment Committee

**Name**

David Gray  
Clint Kaho  
Chuck Anderson, MD  
Matt McDanald, MD  
Karen Newman  
Nathan Wilson  
Randall Caldwell  
Gayle Dickerson  
Susan Arnold  
Julie Garrison  
Ronda Merryman-Valiyi  
Alexander Kerns  
Anne Sydnor

**Title**

Former President, Baptist Health Louisville  
President, Baptist Health La Grange  
Chief Medical Officer, Louisville  
Chief Medical Officer, La Grange  
Chief Nursing Officer, Louisville  
Chief Nursing Officer, La Grange  
Director, Patient Experience  
Director, Case Management  
Director of Pastoral Care  
Regional Marketing/PR Manager  
Manager, Education/Nursing Support Program  
Director of Strategic Initiatives  
Director, Planning

## Introduction

This Community Health Needs Assessment provides the foundation for Baptist Health Louisville and other local organizations to strategically plan services and improve the health of the community we serve. This document builds on Baptist Health Louisville's second Community Health Needs Assessment, published in August 2015.

### *Organization Description*

#### ***Baptist Health Louisville***

Baptist Health Louisville, a 519-bed tertiary acute care hospital located in the eastern part of Jefferson County, is a wholly owned subsidiary of Baptist Health. Baptist Health Louisville opened in 1975 and expanded in 1989 when Baptist Hospital Highlands closed, and its services and beds merged with Baptist Health Louisville. A significant addition of beds occurred in September 2008 when Baptist Health Louisville added the Park Tower, with 25 percent more licensed beds and 25 percent more surgery suites. Baptist Health Louisville provides virtually all inpatient services with the exception of transplantation and burn care. Baptist Health Louisville has 22 psychiatric beds and 29 rehabilitation beds, as well as obstetrics, eight neonatal level II beds, and 460 general medical/surgical acute care beds. Baptist Health Louisville has a 24-hour Emergency Department that is one of the busiest in the state; laboratory; full imaging capabilities, including three MRIs; physical, speech, and occupational therapy; six cardiac catheterization labs; open heart surgery; chemotherapy infusion; and radiation therapy with three linear accelerators.

#### ***Baptist Health***

Baptist Health Louisville is part of Baptist Health, a not-for-profit, 501(c)(3) healthcare corporation that owns and operates eight hospitals with 2,353 licensed beds located in Paducah, Madisonville, Louisville, La Grange, Lexington, Richmond, and Corbin in the commonwealth of Kentucky and in New Albany, Indiana. It also manages the 285-bed Hardin Memorial Hospital in Elizabethtown, Kentucky (which is expected to become part of Baptist Health in December 2018). In addition, Baptist Health Medical Group (BHMG), a wholly owned subsidiary of Baptist Health, employs over 925 primary care physicians, specialty physicians, and mid-level providers and operates occupational health, physical therapy services, sports medicine, Express Care Clinics, hospice and home care services, and urgent care facilities. Baptist Health Home Care (BHHHC) provides home health services in 38 counties in Kentucky, six in southern Indiana, and six in southern Illinois.



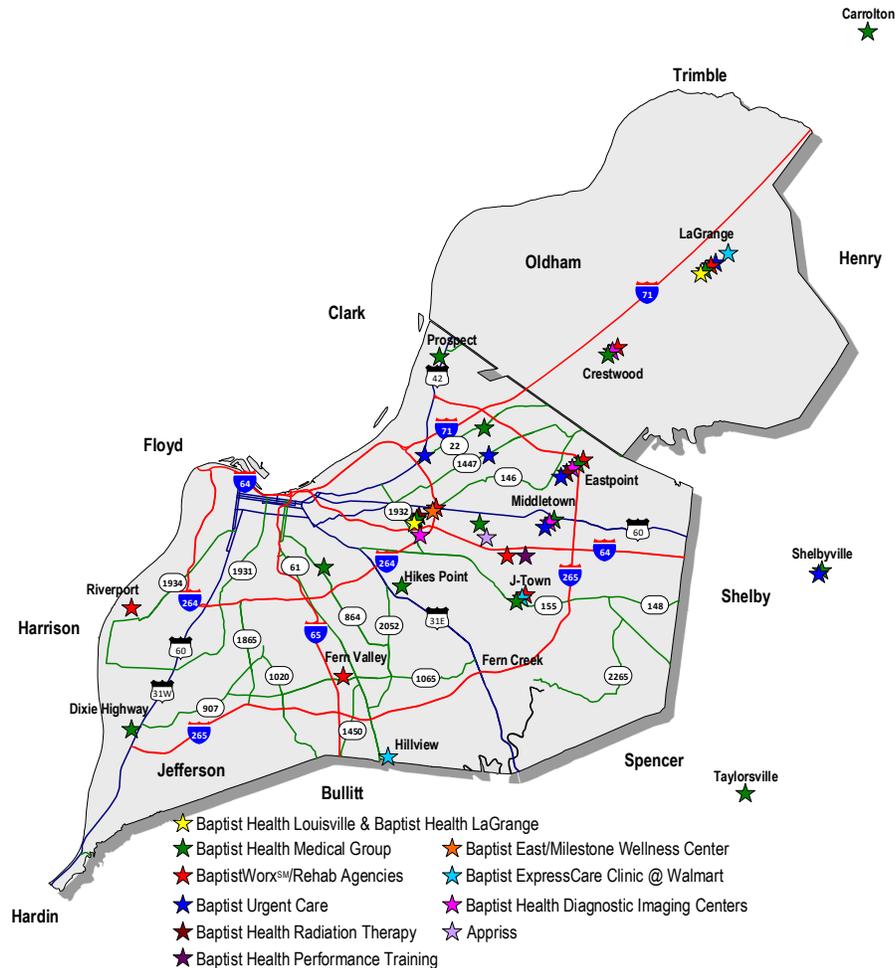
**Total Discharges Patient Origin By County**

County	Discharges	% of Total
Eastern Jefferson County	16,815	61.2%
Bullitt county	1,551	5.6%
Oldham County	970	3.5%
Shelby County	919	3.3%
Spencer County	632	2.3%
<b>Total CHNA Service Area</b>	<b>20,887</b>	<b>76.0%</b>
* Other Areas	6,603	24.0%
<b>Total Baptist Health Louisville Discharges</b>	<b>27,490</b>	<b>100.0%</b>

\*Other includes 112 other counties and Jefferson County SSA Service Area

Source: KHA InfoSuite, 10/1/2016 - 9/30/2017 discharges excluding normal newborns

**Baptist Health Locations in Baptist Health Louisville Service Area**



## ***Mission, Vision, and Values***

All Baptist Health Louisville employees are expected to help fulfill the mission, vision, and value statements adopted by the system.

### ***Mission***

Baptist Health demonstrates the love of Christ by providing and coordinating care and improving health in our communities.

### ***Vision***

Baptist Health will lead in clinical excellence, compassionate care, and growth to meet the needs of our patients.

### ***Faith-based Values***

Integrity, Respect, Compassion, Excellence, Collaboration and Joy.

## ***Purpose***

The Patient Protection and Affordable Care Act enacted March 23, 2010, added new requirements that hospital organizations must satisfy in order to be described in section 501(c)(3). Two of these requirements for hospitals are to assess the health needs of their communities and adopt implementation strategies to address identified needs.

This Community Health Needs Assessment is performed for a variety of reasons, including:

- To help meet the hospital's mission to demonstrate the love of Christ by providing and coordinating care and improving health in our communities.
- 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 available resources in the hospital'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 a Community Health Needs Assessment that can be replicated and continued for future assessments.

## Executive Summary

The Patient Protection and Affordable Care Act of 2010 includes 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. Baptist Health Louisville worked closely with numerous institutions, agencies, and individuals representing public health, other hospitals, and community members.

## Framework

Baptist Health Louisville determined its service area for the project using the most recent patient origin data (CY 2017), including over 87 percent of its discharges in the ZIP codes chosen. Further information about this area is found in the section headed *Service Area*, on page four.

A wide variety of community resources were consulted during this update. It began with meetings between the Baptist Health hospitals. During these meetings, updates to the 2015 CHNA were discussed. There are four health departments responsible for the counties Baptist Health Louisville serves: Louisville Metro Public Health & Wellness (Jefferson County); the Bullitt County Health Department; the Oldham County Public Health Department; and the North Central District Health Department, which serves both Shelby and Spencer Counties. As in 2015, Louisville Metro Public Health & Wellness brought all the Louisville-based hospitals, hospital systems, and the Kentucky Hospital Association (KHA) together for joint meetings to assist them in the update of the public survey included in the CHNA. Both the Jefferson and Oldham County health departments are currently seeking public feedback via SurveyMonkey. Both health departments do not anticipate having analyzed data before August 2018. The Bullitt County Health Department has completed its 2017 Community Health Improvement Plan (CHIP) update and is on track with initiatives developed in 2016. The North Central District Health Department has detailed Mobilizing for Action through Partnerships and Planning (MAPP) documents on its website. Through these contacts, public meetings and public surveys, Baptist Health Louisville is soliciting primary feedback on the updated health issues confronting its service area today.

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

Finally, the Community Health Needs Assessment Committee met to consider all the updated 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 CHNA was approved by the hospital and system boards.

## Profile of the Community

### Demographics and Socioeconomics

Baptist Health Louisville serves ZIP codes in Jefferson, Bullitt, Oldham, Shelby, and Spencer Counties in Kentucky. The following table shows the demographics and socioeconomic characteristics of Baptist Health Louisville’s service area for the most recent period available.

Demographics Expert 2.7  
 2018 Demographic Snapshot  
 Area: BH Louisville CHNA Service Area 7-23-18  
 Level of Geography: ZIP Code

DEMOGRAPHIC CHARACTERISTICS						
	Selected					
	Area	USA	2018	2023	% Change	
2010 Total Population	618,368	308,745,538	Total Male Population	322,396	333,287	3.4%
2018 Total Population	658,386	326,533,070	Total Female Population	335,990	346,888	3.2%
2023 Total Population	680,175	337,947,861	Females, Child Bearing Age (15-44)	124,985	125,702	0.6%
% Change 2018 - 2023	3.3%	3.5%				
Average Household Income	\$92,524	\$86,278				

POPULATION DISTRIBUTION						HOUSEHOLD INCOME DISTRIBUTION			
Age Group	Age Distribution				Income Distribution			USA	
	2018	% of Total	2023	% of Total	2018 Household Income	HH Count	% of Total		% of Total
0-14	119,216	18.1%	118,718	17.5%	<\$15K	20,172	7.6%	10.9%	
15-17	25,187	3.8%	26,461	3.9%	\$15-25K	21,309	8.0%	9.5%	
18-24	55,065	8.4%	58,505	8.6%	\$25-50K	56,384	21.2%	22.1%	
25-34	85,172	12.9%	82,634	12.1%	\$50-75K	49,012	18.4%	17.1%	
35-54	175,856	26.7%	174,017	25.6%	\$75-100K	36,874	13.8%	12.3%	
55-64	90,015	13.7%	91,589	13.5%	Over \$100K	82,702	31.0%	28.2%	
65+	107,875	16.4%	128,251	18.9%					
<b>Total</b>	<b>658,386</b>	<b>100.0%</b>	<b>680,175</b>	<b>100.0%</b>	<b>Total</b>	<b>266,453</b>	<b>100.0%</b>	<b>100.0%</b>	

EDUCATION LEVEL					RACE/ETHNICITY			
2018 Adult Education Level	Education Level Distribution			Race/Ethnicity Distribution			USA	
	Pop Age 25+	% of Total	% of Total	2018 Pop	% of Total	% of Total		
Less than High School	13,288	2.9%	5.6%	White Non-Hispanic	525,958	79.9%	60.4%	
Some High School	22,876	5.0%	7.4%	Black Non-Hispanic	64,917	9.9%	12.4%	
High School Degree	115,031	25.1%	27.6%	Hispanic	34,157	5.2%	18.2%	
Some College/Assoc. Degree	133,264	29.0%	29.1%	Asian & Pacific Is. Non-Hispanic	18,076	2.7%	5.8%	
Bachelor's Degree or Greater	174,459	38.0%	30.3%	All Others	15,278	2.3%	3.2%	
<b>Total</b>	<b>458,918</b>	<b>100.0%</b>	<b>100.0%</b>	<b>Total</b>	<b>658,386</b>	<b>100.0%</b>	<b>100.0%</b>	

There are approximately 530,896 persons in the previously defined adult population (16+) with a labor force of 351,685. Residents are slightly wealthier and less racially and ethnically homogenous than the U.S. as a whole. Most are employed with lower than state average unemployment.

**Labor Force Characteristics**  
**Area: BH Louisville CHNA Service Area 7-23-18**  
**2018 ZIP Code Report**  
**Ranked on 2018 Total Population 16+ (Desc)**

ZIP Code	ZIP City Name	County	2018 Total Population 16+		Total Labor Force		Unemployed in Labor Force		Females in Labor Force	
			Count	%Down	Count	%Across	Count	%Across	Count	%Across
40165	Shepherdsville	Bullitt	28,197	5.3%	18,164	64.4%	1,034	3.7%	8,593	59.7%
40047	Mount Washington	Bullitt	17,476	3.3%	11,384	65.1%	674	3.9%	5,481	60.5%
40150	Lebanon Junction	Bullitt	3,624	0.7%	2,171	59.9%	127	3.5%	950	52.6%
40109	Brooks	Bullitt	2,263	0.4%	1,291	57.0%	127	5.6%	627	55.2%
40299	Louisville	Jefferson	33,658	6.3%	23,851	70.9%	922	2.7%	11,555	65.9%
40229	Louisville	Jefferson	30,758	5.8%	20,788	67.6%	1,284	4.2%	9,856	62.3%
40219	Louisville	Jefferson	30,079	5.7%	19,526	64.9%	1,566	5.2%	9,425	59.8%
40245	Louisville	Jefferson	27,368	5.2%	18,960	69.3%	626	2.3%	8,935	61.7%
40220	Louisville	Jefferson	27,234	5.1%	18,119	66.5%	528	1.9%	8,562	59.2%
40241	Louisville	Jefferson	25,071	4.7%	16,856	67.2%	428	1.7%	8,018	60.6%
40207	Louisville	Jefferson	24,449	4.6%	16,331	66.8%	415	1.7%	7,697	58.9%
40218	Louisville	Jefferson	24,401	4.6%	15,706	64.4%	915	3.7%	7,547	57.9%
40205	Louisville	Jefferson	19,682	3.7%	13,378	68.0%	401	2.0%	6,439	61.8%
40223	Louisville	Jefferson	19,460	3.7%	12,853	66.0%	543	2.8%	6,136	58.9%
40222	Louisville	Jefferson	18,126	3.4%	11,753	64.8%	408	2.3%	5,493	56.8%
40206	Louisville	Jefferson	16,366	3.1%	11,156	68.2%	529	3.2%	5,595	66.0%
40228	Louisville	Jefferson	15,143	2.9%	10,375	68.5%	493	3.3%	5,113	64.2%
40059	Prospect	Jefferson	15,037	2.8%	10,089	67.1%	403	2.7%	4,529	58.7%
40213	Louisville	Jefferson	13,378	2.5%	8,981	67.1%	824	6.2%	4,403	64.1%
40204	Louisville	Jefferson	12,161	2.3%	8,565	70.4%	343	2.8%	3,948	65.5%
40217	Louisville	Jefferson	10,626	2.0%	6,891	64.9%	481	4.5%	3,149	59.4%
40243	Louisville	Jefferson	9,351	1.8%	6,038	64.6%	157	1.7%	3,080	61.2%
40242	Louisville	Jefferson	8,515	1.6%	5,747	67.5%	208	2.4%	2,770	61.1%
40023	Fisherville	Jefferson	4,167	0.8%	2,792	67.0%	116	2.8%	1,250	60.6%
40025	Glenview	Jefferson	123	0.0%	69	56.1%	3	2.4%	31	45.6%
40031	La Grange	Oldham	20,947	3.9%	10,669	50.9%	436	2.1%	4,791	58.0%
40014	Crestwood	Oldham	17,544	3.3%	12,365	70.5%	467	2.7%	5,759	64.5%
40026	Goshen	Oldham	4,224	0.8%	3,168	75.0%	92	2.2%	1,419	66.7%
40056	Pewee Valley	Oldham	2,605	0.5%	1,782	68.4%	97	3.7%	872	64.1%
40077	Westport	Oldham	657	0.1%	434	66.1%	25	3.8%	217	65.4%
40010	Buckner	Oldham	480	0.1%	331	69.0%	9	1.9%	135	57.4%
40065	Shelbyville	Shelby	24,359	4.6%	16,004	65.7%	873	3.6%	7,656	60.3%
40067	Simpsonville	Shelby	4,695	0.9%	2,784	59.3%	134	2.9%	1,184	47.7%
40076	Waddy	Shelby	2,494	0.5%	1,652	66.2%	58	2.3%	728	58.5%
40003	Bagdad	Shelby	1,606	0.3%	1,036	64.5%	71	4.4%	507	63.9%
40022	Finchville	Shelby	706	0.1%	439	62.2%	17	2.4%	181	51.7%
40071	Taylorsville	Spencer	12,215	2.3%	8,059	66.0%	436	3.6%	3,809	62.4%
40046	Mount Eden	Spencer	1,651	0.3%	1,128	68.3%	82	5.0%	533	65.6%
<b>Total</b>			<b>530,896</b>	<b>100.0%</b>	<b>351,685</b>	<b>66.2%</b>	<b>16,352</b>	<b>3.1%</b>	<b>166,973</b>	<b>60.9%</b>

The northeastern portion of Jefferson County is above average in household income and home value. Shelby County and the central portion of Jefferson County are all below average socioeconomically. The rest of the service area falls into the average categories for household income and home value. The % down column represents what proportion each ZIP code is of the whole.

Households by Socioeconomic Characteristics  
 Area: BH Louisville CHNA Service Area 7-23-18  
 2018 ZIP Code Report  
 Ranked on 2018 Households (Desc)

ZIP Code	ZIP City Name	County	2018 Total Households		2018 Median HH Income	Median Age of Total Population	Median Home Value
			Count	%Down			
40165	Shepherdsville	Bullitt	13,121	4.9%	\$56,097	40.3	\$169,852
40047	Mount Washington	Bullitt	8,249	3.1%	\$65,893	40.1	\$184,448
40150	Lebanon Junction	Bullitt	1,692	0.6%	\$52,402	44.8	\$152,734
40109	Brooks	Bullitt	1,079	0.4%	\$49,856	47.3	\$146,919
40299	Louisville	Jefferson	16,573	6.2%	\$83,503	40.8	\$221,291
40219	Louisville	Jefferson	15,448	5.8%	\$46,817	38.0	\$134,299
40220	Louisville	Jefferson	14,716	5.5%	\$62,212	40.9	\$176,449
40229	Louisville	Jefferson	14,624	5.5%	\$59,150	37.1	\$144,956
40207	Louisville	Jefferson	14,208	5.3%	\$81,627	42.9	\$297,532
40218	Louisville	Jefferson	13,496	5.1%	\$40,525	36.5	\$137,322
40241	Louisville	Jefferson	12,895	4.8%	\$90,611	41.2	\$271,355
40245	Louisville	Jefferson	12,526	4.7%	\$116,513	39.4	\$335,441
40205	Louisville	Jefferson	10,559	4.0%	\$83,517	42.6	\$280,520
40223	Louisville	Jefferson	10,277	3.9%	\$82,009	42.4	\$276,546
40222	Louisville	Jefferson	10,097	3.8%	\$73,425	42.5	\$268,420
40206	Louisville	Jefferson	9,657	3.6%	\$53,180	40.0	\$227,610
40204	Louisville	Jefferson	7,513	2.8%	\$53,495	39.9	\$197,976
40228	Louisville	Jefferson	7,450	2.8%	\$68,593	39.2	\$166,976
40213	Louisville	Jefferson	7,417	2.8%	\$43,508	37.6	\$134,346
40217	Louisville	Jefferson	6,003	2.3%	\$47,810	38.2	\$142,692
40243	Louisville	Jefferson	5,017	1.9%	\$79,723	45.4	\$234,325
40242	Louisville	Jefferson	4,627	1.7%	\$68,659	39.9	\$203,553
40023	Fisherville	Jefferson	1,834	0.7%	\$98,885	44.4	\$292,811
40025	Glenview	Jefferson	65	0.0%	\$103,125	57.5	\$493,750
40014	Crestwood	Oldham	7,597	2.9%	\$97,500	40.9	\$282,275
40031	La Grange	Oldham	7,419	2.8%	\$72,433	38.9	\$239,019
40059	Prospect	Oldham	6,696	2.5%	\$130,492	44.9	\$440,944
40026	Goshen	Oldham	1,836	0.7%	\$108,795	41.0	\$282,593
40056	Pewee Valley	Oldham	1,197	0.4%	\$82,859	42.9	\$250,246
40077	Westport	Oldham	306	0.1%	\$75,510	44.9	\$255,696
40010	Buckner	Oldham	196	0.1%	\$116,667	40.0	\$370,755
40065	Shelbyville	Shelby	11,653	4.4%	\$58,324	38.2	\$188,901
40067	Simpsonville	Shelby	1,989	0.7%	\$83,319	37.6	\$262,451
40076	Waddy	Shelby	1,178	0.4%	\$68,952	43.9	\$222,980
40003	Bagdad	Shelby	735	0.3%	\$69,046	43.3	\$195,109
40022	Finchville	Shelby	325	0.1%	\$100,893	48.7	\$294,643
40071	Taylorsville	Spencer	5,437	2.0%	\$70,049	42.6	\$216,456
40046	Mount Eden	Spencer	746	0.3%	\$64,223	42.4	\$183,277
<b>Total</b>			<b>266,453</b>	<b>100.0%</b>	<b>\$71,262</b>	<b>40.3</b>	<b>\$225,789</b>

## Mortality

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

Age Adjusted Death Rates	Jefferson	Bullitt	Oldham	Shelby	Spencer	KY	USA
<b>Total</b>	<b>869.9</b>	<b>762.9</b>	<b>734.0</b>	<b>798.0</b>	<b>919.4</b>	<b>917.2</b>	<b>730.6</b>
Coronary Heart Disease	170.2	164.7	153.1	192.5	215.9	202.5	168.3
Cancer	185.8	169.3	157	182.5	174.7	197.9	161.0
COPD & Pneumonia	67.7	72.8	60.7	64	95.7	82.4	55.1
Accidents	21.4	21.9	16.7	17.9	27.5	28.4	23.3
Stroke	35.1	27.3	36.7	58.8	34.2	41.8	36.9
Diabetes	25	17.1	12.7	13.7	19.6	26.0	21.1
Suicide	16	16.8	10.6	9.9	0	16.3	13.0
Homicide	9.7	0	0	0	0	4.6	4.6
Motor Vehicle Accidents	12.9	16.3	8.5	10.7	19.3	18.2	11.9
<b>All Other Causes</b>	<b>326.1</b>	<b>256.7</b>	<b>278.0</b>	<b>248.0</b>	<b>332.5</b>	<b>299.1</b>	<b>235.4</b>
	Significantly Below KY Rate						
	Significantly Above Ky Rate						

Source: [wonder.cdc.gov](http://wonder.cdc.gov) CDC Compressed Mortality for 2012-2016

\* Per CDC, There is no output if the data is unavailable or statistically unreliable

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. Jefferson County's death rate has declined compared to the CY 2015 CHNA, while their coronary heart disease death rate has increased compared to the CY 2015 CHNA. This may indicate that residents are not seeking and receiving care quickly for cardiac-related events.

The most troubling areas seem to be in chronic lower respiratory diseases (COPD & pneumonia) and homicide in Jefferson County. All other counties in the region have seen significant reductions in the death rates for previous problem areas. Overall, though, in most death rate causes, the service area is average or better than average in death rates.

### Cancer Incidence Rates

Cancer incidence rates are from the Kentucky Cancer Registry and cover a five-year span. Jefferson, Bullitt and Oldham Counties have higher than average incidence rates for prostate cancer, while Jefferson and Oldham Counties have higher than average incidence rates for breast cancer. These are two cancer sites that can be screened easily, thus the higher rates may be a function of access. On the other hand, there may actually be higher numbers of people contracting cancer in these sites due to poor health behaviors or environmental hazards.

Age Adjusted Cancer Incidence	Jefferson	Bullitt	Oldham	Shelby	Spencer	KY
<b>All Cancers</b>	<b>586.6</b>	<b>606.3</b>	<b>602.2</b>	<b>586.3</b>	<b>581.3</b>	<b>563.6</b>
Prostate	129.6	131.6	139.6	110.1	116.6	108.8
Lung	87	106	70.5	89	76.8	93.5
Breast	94.2	87.7	145.1	86.3	69.3	125.0
Female Genitalia	61.4	49.7	40	48.1	30.2	52.2
Skin	40.5	43.6	39.6	57.2	58.7	27.4
Pancreas	14.6	12.9	16.4	15.7	10.3	13.3
<b>All Other Causes</b>	<b>159.3</b>	<b>174.8</b>	<b>151.0</b>	<b>179.9</b>	<b>219.4</b>	<b>143.4</b>
	Significantly Below KY Rates					
	Significantly Above KY Rates					

Source: Ky Cancer Registry, [cancer-rates.info/ky](http://cancer-rates.info/ky) 2011-2015

## Health Statistics and Rankings

Baptist Health Louisville 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 published in 2017. The following two tables show health outcomes, health behaviors, clinical care availability, socioeconomic factors, and physical environment risks for each county in Baptist Health Louisville’s service area. The rankings are based on the 120 counties in Kentucky. Oldham County has the highest overall rankings in the Commonwealth, except in its physical environment rank which is ranked at 94<sup>th</sup> in Kentucky. Bullitt, Shelby and Spencer Counties also rank very high except in physical environment related categories. Obesity and excessive drinking are issues in most areas, while access to primary care is an issue in the areas outside of Jefferson County. Jefferson County has the highest violent crime rate in Kentucky and has the highest rate for sexually transmitted infections.

	Kentucky	Jefferson (JE)	Bullitt (BI)	Oldham (OL)	Shelby (SH)	Spencer (SP)
<b>Health Outcomes</b>	46	28	9	1	4	3
<b>Length of Life</b>		42	8	1	4	2
Premature death	8,932	8,784	7,191	5,287	6,172	5,917
<b>Quality of Life</b>		23	10	2	5	4
Poor or fair health	21%	18%	16%	14%	18%	15%
Poor physical health days	4.7	3.9	4.4	3.5	4.3	4.0
Poor mental health days	4.4	3.9	3.9	3.4	3.9	3.7
Low birthweight	8.91%	9.17%	8.01%	8.13%	6.93%	7.82%
<b>Health Factors</b>	39	57	21	1	10	3
<b>Health Behaviors</b>		73	14	1	13	2
Adult smoking	26%	22%	20%	17%	20%	19%
Adult obesity	33%	32%	33%	28%	33%	30%
Food environment index	7.1	6.9	7.8	8.5	8.1	8.8
Physical inactivity	28%	25%	29%	22%	28%	26%
Access to exercise opportunities	70%	95%	69%	89%	74%	49%
Excessive drinking	16%	19%	17%	17%	14%	15%
Alcohol-impaired driving deaths	28%	31%	19%	38%	14%	19%
Sexually transmitted infections	401.9	687.1	223.8	178.0	513.4	243.8
Teen births	44.2	40.7	30.2	12.6	38.3	27.5
<b>Clinical Care</b>		5	31	1	51	25
Uninsured	10%	9%	8%	6%	12%	8%
Primary care physicians	1495:1	1059:1	5997:1	1477:1	2137:1	1767:1
Dentists	1617:1	1021:1	3148:1	2595:1	2402:1	3579:1
Mental health providers	564:1	375:1	1230:1	1158:1	1086:1	2556:1
Preventable hospital stays	77.02	53.97	69.39	54.15	67.51	68.49
Diabetic screening	86%	87%	85%	88%	88%	82%
Mammography screening	59%	64%	59%	69%	63%	60%
<b>Social &amp; Economic Factors</b>		85	14	1	6	3
High school graduation	89%	79%	86%	96%	92%	93%
Some college	59%	68%	57%	71%	57%	62%
Unemployment	5.40%	4.90%	4.66%	4.00%	4.13%	4.38%
Children in poverty	25%	22%	15%	7%	17%	12%
Inadequate social support						
Children in single-parent households	35%	42%	33%	18%	28%	26%
Violent crime	215	562	118	65	137	47
Injury deaths	85	80	63	43	51	63
<b>Physical Environment</b>		107	120	94	49	89
Air pollution - particulate matter	10	11.3	10.7	10.9	10.4	10.2
Drinking water violations	0%	No	Yes	No	No	No
Severe housing problems	14%	16%	11%	10%	12%	8%
Driving alone to work	82%	82%	86%	85%	80%	89%
Long commute - driving alone	29%	25%	45%	45%	41%	65%

Source: Robert Wood Johnson, CountyHealthRankings.org 2017 County Rankings  
 Data pulled: 12/14/17

## Primary Data

There are four health departments responsible for the counties Baptist Health Louisville serves: Louisville Metro Public Health & Wellness (Jefferson County); the Bullitt County Health Department; the Oldham County Public Health Department; and the North Central District Health Department, which serves both Shelby and Spencer counties. As in 2015, Louisville Metro Public Health & Wellness brought all the Louisville-based hospitals, hospital systems, and the Kentucky Hospital Association (KHA) together for joint meetings to assist them in the update of the public survey included in the CHNA. Both the Jefferson and Oldham County health departments are currently seeking public feedback via SurveyMonkey. Both health departments do not anticipate having analyzed data before August 2018. The Bullitt County Health Department is actively working its CHIP previously developed in 2016. The North Central District Health Department has a detailed MAPP on its website. Through these contacts, public meetings and public surveys, Baptist Health Louisville is soliciting primary feedback on the updated health issues confronting its service area today.

## Community Healthcare Resources

There are a large number of healthcare resources in Baptist Health Louisville's service area, but they are not distributed evenly. The Baptist Health Louisville Planning Department catalogued the various types and locations of these resources.

### Hospitals

There are a large number of hospitals in the service area, with 3,880 licensed acute care beds, 666 psychiatric beds, 164 rehab beds, and 24 chemical dependency beds. The table below lists all of the non-government hospitals in the service area.

Hospital	Type	Licensed Beds	Location
Baptist Health Louisville	ACUTE	519	Louisville
Central State Hospital	PSY	192	Louisville
Frazier Rehab Institute	REHAB	135	Louisville
Jewish Hospital & St. Mary's Healthcare	ACUTE	462	Louisville
Norton Audubon Hospital	ACUTE	432	Louisville
Norton Brownsboro Hospital	ACUTE	127	Louisville
Norton Hospital/Norton Medical Pavilions/Kosair Children's Hospital	ACUTE	905	Louisville
Norton Women's and Kosair Children's Hospital	ACUTE	373	Louisville
Our Lady of Peace	PSY	396	Louisville
Saints Mary & Elizabeth Hospital	ACUTE	298	Louisville
The Brook - Dupont	PSY	88	Louisville
The Brook Hospital - KMI	PSY	98	Louisville
University Of Louisville Hospital	ACUTE	404	Louisville
Baptist Health La Grange	ACUTE	90	Lagrange
Kentucky Correctional Psychiatric Center	PSY	97	Lagrange
Jewish Hospital Shelbyville	ACUTE	70	Shelbyville

Source: Kentucky Office of the Inspector General, Hospital Directory, as of 12/20/2017

The KentuckyOne Health system includes Jewish Hospital, St. Mary & Elizabeth Hospital, Jewish Hospital Shelbyville, Frazier Rehab Institute, and Our Lady of Peace Psychiatric Hospital. There are seven other Catholic Health Initiative (CHI) hospitals in Kentucky that comprise KentuckyOne Health. Jewish Hospital holds a 40-bed rehab hospital CON and license in Jefferson County and holds a 60-bed acute care hospital CON in Bullitt County, neither of which has been built. Jewish Hospital also has four outpatient medical centers that have a large number of diagnostic and therapeutic services, with three in Jefferson County and one in north-central Bullitt County.

Norton Healthcare has five hospitals in Jefferson County. As such, it is the largest system in the Louisville area in number of beds. It also has the only children's hospital in the state (Norton Hospital and Norton Children's Hospital are part of the same license, and its licensed beds are counted together). Norton Brownsboro Hospital opened 80 of its 127 licensed beds in August 2009 in the northeast portion of Jefferson County. Norton has also opened a pediatric outpatient center near Norton Brownsboro, capitalizing on its Norton Children's Hospital name recognition; this center houses a 24-hour emergency department for children and a four-operating room Ambulatory Surgery Center that is supposed to be for children, but is not so limited by its CON or license. Norton recently opened a cancer center on its downtown campus. Norton Healthcare also has 14 urgent care facilities located throughout Jefferson and Bullitt County as well as southern Indiana. Norton employs the most physicians of any hospital-based system in the area.

### ***Other Licensed Facilities***

According to the Kentucky Office of the Inspector General, there are now 294 (versus 282 in 2015) licensed facilities other than hospitals in Jefferson County. They include ambulatory care facilities, adult day care centers, dialysis centers, rehabilitation agencies and special medical technology clinics. There are 17 licensed facilities in Bullitt County, 16 in Oldham County, 13 in Shelby County, and 3 in Spencer County.

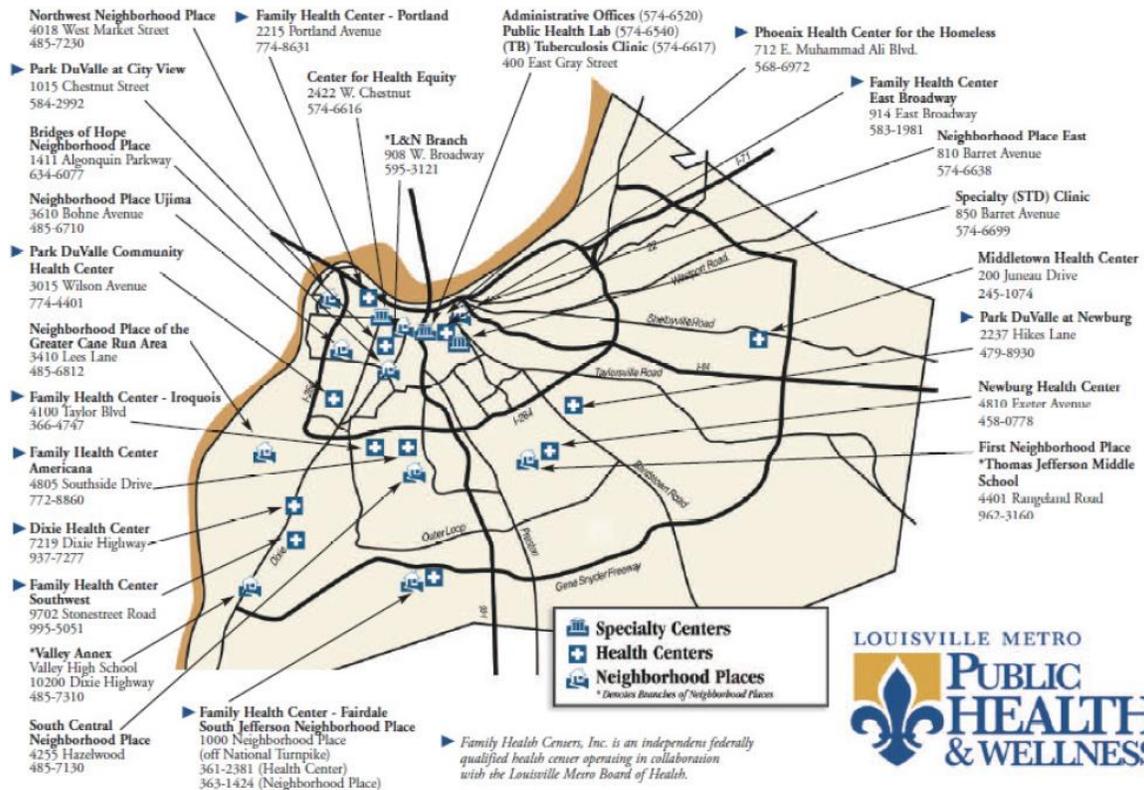
### ***Health Departments***

As stated earlier in this document, there are four separate health departments located in Baptist Health Louisville's CHNA service area: Louisville Metro Public Health & Wellness; Bullitt County Health Department; Oldham County Health Department; and North Central District Health Department, which serves Shelby, Spencer, Henry, and Trimble counties.

Louisville Metro Public Health & Wellness (LMPHW) provides a wide range of services to the people of Louisville, including offering health clinics across the community, providing information about Louisville's health policies and programs, inspecting eating establishments, preventing communicable diseases, and helping improve children's health. Although Louisville Metro Public Health & Wellness does not provide direct prenatal or primary care services, the department partners with community experts in the field to assure access to these services for the entire community.

The map shows the locations of the LMPHW public health clinics. Three health centers are located in Baptist Health Louisville’s CHNA service area.

### Public Health & Wellness Department, Family Health Center and Neighborhood Place Sites



The Oldham County Health Department’s mission is to protect and promote a healthy community through education, enforcement, and empowerment. To accomplish this, they control communicable disease, encourage healthy lifestyles, provide preventative screenings, and reduce hazards in the environment. The clinic provides adult health vaccinations, cancer screenings, 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, and well child exams, and administers the Women/Infant/Children (WIC) nutrition program for the county.

The North Central District Health Department and the Bullitt County Health Department provide similar services.

## ***Physicians***

Baptist Health is conducting a primary care strategic plan in 2018, including a physician manpower study that counts the number of physicians in its service area as defined by Stark II regulations, which is slightly different from the CHNA service area. Using physician-to-population ratios and inventories of physicians in the area, shortages are determined. This plan guides Baptist Health Louisville to recruit and/or employ primary care to the area.

## **Committee Discussion**

During the Community Health Needs Assessment Committee meeting, members expressed their thoughts about several health concerns in the area and where Baptist Health Louisville 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. The committee initially agreed that the opioid crisis is the top of mind community health issue. The committee agreed that this health issue is creating additional stress on agencies throughout the community, including the hospital. The committee members briefly discussed the services Baptist Health Louisville already provides that are detailed in the annual Community Benefit Report (see Appendix D for the FY 2017 Baptist Health Louisville report).

## **Prioritized Health Issues**

The committee identified a total of six community health issues. Using a voting methodology, the team then identified the top three the hospital will focus on over the next three years. They are:

- Obesity
- Opioid Abuse
- Cancer

The other three issues identified are health literacy, cardiovascular disease and early intervention. 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.

Obesity was the top community need according to the final tally of committee votes. Obesity has a significant impact on other health issues, such as cardiovascular disease, diabetes, pulmonary disease, and joint deterioration. Through the combined efforts of medical professionals, schools, churches and government agencies we will 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.

Opioid abuse has become an epidemic across the country. The committee ranked it as their second priority in terms of public health issues. Locally, we are seeing a similar surge of opioid usage admissions and emergency room visits. Similar to obesity, opioid abuse has an impact on overall health and can lead to other co-morbidities. In addition, the service area is seeing a greater presence of drug-addicted newborns who must be sent to neonatal intensive care units to treat withdrawal symptoms.

As cancer continues to be a leading cause of death in this service area, the committee ranked it as their third 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.

## Strategic Implementation Plan

### Baptist Health Louisville Strategic Implementation Plan 2018-2021

Identified Health Needs	Goals	Action Item(s)	Measure(s)
<b>Obesity</b>	Enhance public understanding of their own obesity risk with a focus on the importance of lifestyle changes to improve health outcomes	Assess BHMG primary care patient population with a BMI > 25	How many assessed
		Refer patients to diabetes prevention program	How many referrals
		Promote health weight survey on website	How many people took the healthy weight survey on website
		Engage in community partnerships	Number of partnerships engaged
<b>Opioid Abuse</b>	Equip providers with knowledge, skills, tools and attitudes to safely prescribe opioids for analgesia	Utilize regulatory guidelines for prescribing opioids for acute and chronic pain as a foundation for recommendations to employed BHMG providers as well as other providers with medical staff privileges	How many medical providers were reached
		Develop recommendations for opioid usage monitoring	Final / approved recommendations
		Develop opioid prescribing guidelines, with an initial focus on providers who are prescribing opioids for pain outside of active cancer treatment, palliative and end-of-life care	Were they developed and communicated
		Review, compare and contrast accreditation requirements (TJC, HFAP, CMS DNV) current state/federal/professional association guidelines related to pain management to assist in policy development	Was a policy developed
		Evaluate current state of practices/programs/approaches used throughout Baptist Health to address opioid crisis and begin standardization across the system	Was the evaluation completed and standardization implemented

Identified Health Needs	Goals	Action Item(s)	Measure(s)
<b>Cancer</b>	Enhance education and screening opportunities	Assess # of patients eligible for screening (colonoscopy, mammogram, lung screening, etc.) who actually received the screening	# of patients eligible; # of patients screened
		Enhance education opportunities for screening	# of health fairs / other community events where we participate
		Coordinate with regional public health departments and American Cancer Society	# of initiatives; # of partnerships
		Promote online cancer risk assessment tools	# of hits to these locations on our website

## Communications Plan

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

## Conclusions

Baptist Health Louisville will continue to use this Community Health Needs Assessment to allocate resources to improve the health of its service area. The committee will be working over the next three years to implement the action items outlined in the Strategic Implementation Plan and assess, via the identified key measures, our success.

## Appendix A – Data Sources

### *Health Departments*

Louisville Metro Public Health & Wellness  
<http://www.louisvilleky.gov/health/>

Bullitt County Public Health Department  
<http://www.bullittcountyhealthdept.com/>

Oldham County Public Health Department  
<http://oldhamcountyhealthdepartment.org/>

North Central District Health Department (Shelby and Spencer counties)  
<http://www.ncdhd.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.raonline.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/>

LMPHW's Policy Planning and Evaluation Services

<http://www.louisvilleky.gov/Health/policyandplanning.htm>

## Appendix B – 2018 Baptist Health Louisville Public Survey Instrument

Baptist Health La Grange 2018 CHNA Survey

1. In which county do you primarily reside?

<input type="radio"/> Bullitt	<input type="radio"/> Oldham
<input type="radio"/> Carroll	<input type="radio"/> Shelby
<input type="radio"/> Henry	<input type="radio"/> Spencer
<input type="radio"/> Jefferson	<input type="radio"/> Trimble
<input type="radio"/> Other (please specify)	

2. Do you have a primary care provider?

Yes

No

3. In what settings do you receive medical care (select all that apply)?

Emergency Room

Health Department

Primary Care Provider's office

Urgent or Express Care Clinic

Virtual Care / Telemedicine

4. How would you describe your overall health?

Excellent

Good

Fair

Poor

5. Please select the top three health challenges you face (please select only three):

- |   |  |
|---|--|
| <input type="checkbox"/> Alcohol overuse        | <input type="checkbox"/> High blood pressure                 |
| <input type="checkbox"/> Cancer                 | <input type="checkbox"/> Joint pain or back pain             |
| <input type="checkbox"/> Drug addiction         | <input type="checkbox"/> Mental health issues                |
| <input type="checkbox"/> Diabetes               | <input type="checkbox"/> Overweight/obesity                  |
| <input type="checkbox"/> Lung disease           | <input type="checkbox"/> Stroke                              |
| <input type="checkbox"/> Heart disease          | <input type="checkbox"/> I do not have any health challenges |
| <input type="checkbox"/> Other (please specify) |  |

6. Are you receiving the medical care you need?

- Yes  
 No

7. What issues prevent you from accessing the care you need (select all that apply)?

- |  |  |
|--|--|
| <input type="checkbox"/> No issues prevent me from accessing the care I need   | <input type="checkbox"/> Lack of availability of doctors             |
| <input type="checkbox"/> Cultural/religious beliefs                            | <input type="checkbox"/> Language barriers                           |
| <input type="checkbox"/> Don't know how to find doctors                        | <input type="checkbox"/> No insurance and unable to pay for the care |
| <input type="checkbox"/> Don't understand the need to see a doctor             | <input type="checkbox"/> Transportation                              |
| <input type="checkbox"/> Fear (e.g., not ready to face/discuss health problem) | <input type="checkbox"/> Unable to pay co-pays/deductibles           |
| <input type="checkbox"/> Other (please specify)                                |  |

8. Do you have access to fresh fruits and vegetables?

- Yes  
 No

9. Which of the following preventive procedures have you had in the past 12 months (select all that apply)?

- |   |  |
|---|--|
| <input type="checkbox"/> Blood pressure check     | <input type="checkbox"/> Hearing screening                   |
| <input type="checkbox"/> Blood sugar check        | <input type="checkbox"/> Mammogram (if female)               |
| <input type="checkbox"/> Bone density test        | <input type="checkbox"/> Pap smear (if female)               |
| <input type="checkbox"/> Cardiovascular screening | <input type="checkbox"/> Physical exam                       |
| <input type="checkbox"/> Cholesterol screening    | <input type="checkbox"/> Prostate cancer screening (if male) |
| <input type="checkbox"/> Colon/rectal exam        | <input type="checkbox"/> Skin cancer screening               |
| <input type="checkbox"/> Dental cleaning/X-rays   | <input type="checkbox"/> Vision screening                    |
| <input type="checkbox"/> Flu shot                 | <input type="checkbox"/> None of the above                   |

10. Within the past three years, have you suffered from opioid substance abuse?

- Yes  
 No

11. Do you see housing as an issue in your area?

- Yes  
 No

12. What is your current housing situation?

- Own an apartment/condominium/house/etc.  
 Rent an apartment/condominium/house/etc.  
 Other (please specify)

13. What is your regular source of transportation?

- |  |   |
|--|---|
| <input type="radio"/> Bicycle                | <input type="radio"/> Public transportation |
| <input type="radio"/> Car                    | <input type="radio"/> Walk                  |
| <input type="radio"/> Motorcycle             |   |
| <input type="radio"/> Other (please specify) |   |

14. Have either you or an immediate family member (spouse, parent, grandparent, child, brother, or sister) been diagnosed with any of the following health conditions (select all that apply)?

- Alcoholism
- Anxiety
- Arthritis
- Autism
- Breast cancer
- Cervical cancer
- Colon cancer
- COPD
- Depression
- Diabetes
- Drug addiction
- Emphysema
- Heart disease/heart attack
- Heart failure
- High blood pressure
- High cholesterol
- Liver disease
- Lung cancer
- Multiple Sclerosis
- Obesity
- Peripheral artery disease
- Prostate cancer
- Skin cancer
- Stroke
- None
- Other (please specify)

15. What type of insurance do members of your household have (select all that apply)?

- Insurance provided through your employer
- Medicare
- Medicaid
- No insurance coverage (uninsured)
- Private insurance
- Other (please specify)

16. What is needed to improve the health of your family and neighbors (select all that apply)?

- Free or affordable health screenings
- Healthier food
- Job opportunities
- Mental health services
- Recreation facilities
- Safe places to walk/play
- Specialty physicians
- Substance abuse rehabilitation services
- Transportation
- Wellness services
- I don't know
- Other (please specify)

17. What health issues would you like additional education/information about (select all that apply)?

- Blood pressure
- Cancer
- Cholesterol
- Dental screenings
- Diabetes
- Disease outbreak prevention
- Drug and alcohol abuse
- Eating disorders
- Emergency preparedness
- Exercise/physical activity
- Falls prevention in the elderly
- Heart disease
- HIV/AIDS & STDs
- Routine well checkups
- Mental health/depression
- Nutrition
- Prenatal care
- Smoking cessation
- Suicide prevention
- Vaccination/immunizations
- None
- Other (please specify)

18. Please choose all the statements below that apply to you:

- I abuse or overuse prescription drugs
- I have access to a wellness program through my employer
- I eat at least five servings of fruit and vegetables per day
- I eat fast food more than once per week
- I exercise at least three times per week
- I have more than four alcoholic drinks per day
- I receive a flu shot each year
- I smoke cigarettes or use other nicotine products
- I use illegal drugs
- I use sunscreen or protective clothing for planned time in the sun
- None of the above apply to me

19. What is your age?

- 0-14
- 15-17
- 18-24
- 25-34
- 35-54
- 55-64
- 65+

20. What is your sex?

- Male
- Female

21. What is your annual household income?

- Less than \$15,000
- \$15,000 - \$25,000
- \$25,000 - \$50,000
- \$50,000 - \$75,000
- \$75,000 - \$100,000
- Over \$100,000

22. What is the highest level of education you have attained?

- Less than high school
- Some high school
- High school degree
- Some college/Associates degree
- Bachelor's degree or higher

23. How would you describe your race?

- |  |   |
|--|---|
| <input type="radio"/> White non-hispanic | <input type="radio"/> Asian & Pacific islander non-hispanic |
| <input type="radio"/> Black non-hispanic | <input type="radio"/> Other                                 |
| <input type="radio"/> Hispanic           |   |

## Appendix C – 2015-2018 SIP Results

### Baptist Health Louisville Strategic Implementation Plan 2015-2018

Identified Health Needs	Goals	Results
<b>Health Literacy</b>	<p>Increase public awareness of the overall healthcare environment (what is available, where, when, etc.).</p> <p>Educate public to better understand how, when and where to access appropriate levels of care.</p> <p>Enhance public understanding of their own personal health status with a focus on medication management and the impact of lifestyle choices.</p>	<p>&gt; From 2015 to 2017 had annual hits to the site of 282,652, 872,928 and 871,264.</p> <p>&gt; After successful EPIC implementation in 2016 had signups with 30% in 2016 and 34% in 2017.</p> <p>&gt; In 2018, CIT staff continue to attend the Preadmissions Testing (PAT) classes each week and sign up patients who attend those classes.</p> <p>&gt; From 2015 to 2017 there were 5,445, 56,544 and 92,652 page views.</p> <p>&gt; Community Health Educator developed and distributed brochure “Where Do I Go” throughout Baptist Health locations.</p> <p>&gt; Participated in 13 health fairs.</p> <p>&gt; Had 215, 15,654 and 18,390 page views from 2015 to 2017.</p>
<b>Cancer</b>	<p>Assess strategies for access to care to ensure patient care services are convenient and close to home.</p>	<p>&gt; Opened Eastpoint location June 2016. Annualized treatment volume = 2,566; CY17 = 4,301 treatments, representing 68% increase.</p> <p>&gt; Opened LaGrange Center in 2014; treatment volume increased 24% over the three year period 2015 through 2017. Of note, there was a modest decrease in 2016 during the Epic implementation. But the overall increase from 2015 to 2017 was 24%.</p>

<p><b>Cancer (cont.)</b></p>	<p>Enhance cancer education and screening opportunities.</p>	<ul style="list-style-type: none"> <li>&gt;Dress in Blue Day – March 6, 2015, March 4, 2016 and March 3, 2017. Staff who had dressed in blue also gathered for pictures.</li> <li>&gt;Provided written information on colon cancer and colorectal cancer screenings for staff and visitors outside of the cafeteria.</li> <li>&gt;Lit the Park Tower in blue lighting for the month of March/colorectal cancer awareness month.</li> <li>&gt;Cafeteria offered “Blue Light Specials” to tie in with theme of the day.</li> <li>&gt;Cancer Awareness and Prevention Education Event October 30, 2017. Endoscopy staff brought Endoscope to provide a visual as she discussed the importance of colonoscopies as well as other colon cancer screening options.</li> <li>&gt;March 2016 Colon Cancer Awareness campaign with open house at BHMG Gastroenterology (75 attendees).</li> <li>&gt;Created brochures for men’s and women’s health recommendations/screenings.</li> <li>&gt;From 2015-2017 Healthtalks created for Early Detection of Breast Cancer with Lawrence Mason, MD – 11,514 views to date; Screening for Colon Cancer with Nechol Allen, MD – 9,467 views; Surgical Options for Breast Cancer with William Hoagland, MD – 14,326 views to date; and Preventative Health for Men with Jesse Jenkins, MD – 12,970 views to date.</li> <li>&gt;Dr. Kute (CBC) medical oncologist participated in Healthtalks promoting cancer awareness.</li> <li>&gt;2015-2016 Flourish newsletter stories printed 21,000 mailed quarterly and Baptist Health for You blog posts.</li> <li>&gt;2018 BHMG physicians/surgeons/ disseminated colon FIT kits in their offices.</li> <li>&gt;Direct mail to 7,000, ads in Courier Journal.</li> <li>&gt;Health information distributed at health events regarding vaccinations for children 11-13 for prevention of cancers.</li> <li>&gt;Health Risk Assessments on BaptistHealth.com include Breast, Colon and Lung Cancer Risk assessments.</li> <li>&gt;Over 9,000 views for online risk assessments.</li> <li>&gt; Had 3.962 page views in 2015; 25,083 in 2016 and 19,979 in 2017.</li> <li>&gt; Tracking on the site was not available until April 2015.</li> <li>&gt;2018 Re-accreditations of NAPBC program and ACOS of Cancer.</li> <li>&gt;Continued relationship with Kentucky Cancer Consortium.</li> </ul>
------------------------------	--	--

	<p>Participate in cutting edge research trials to facilitate development of cancer fighting medications.</p>	<p>&gt;BH Louisville Community Health Educator partnership with American Cancer Society to create awareness of cervical and colon cancers in the community. &gt;BHLou oncology clinical specialist partnership with the American Cancer Society Relay for Life in 2015, 2016 &amp; 2017. &gt;Vice President, Karen Newman, serves on the American Cancer Society Advisory Board.</p> <p>&gt; Partnered with Guardian Network to match patients with clinical trials. &gt;2017: 134 patients in various clinical trials.</p>
<p><b>Cardiovascular Disease</b></p>	<p>Expand public awareness of disease root causes and common associated conditions to increase public awareness of healthier lifestyle and cardiovascular disease prevention.</p>	<p>&gt; Had 4,464 page views to the heart care section in 2015; 15,666 in 2016 and 12,328 in 2017. &gt; Tracking on the site was not available until April 2015. &gt;Achieved 9% increase in patient volume from 2015 to 2016; CY17 reflected volume increase of 108%, however, this reflects closure of cardiac rehab service in Louisville Cardiology Medical Group (LCMG) to Baptist Health Louisville cardiac rehab department. &gt;From 2015-2017 Healthtalks created for New Heart Valve Treatment (TAVR) with Thomas Tu, MD and Sebastian Pagni, MD – 18,970 views to date; Detecting and Preventing Myocardial Infarction with William Dillon, MD – 14,285 views; Preventing Stroke Using TCAR – Brad Thomas, MD – 16,012 views; Stroke Warning Signs with Alex Abou-Chebl, MD – 23,737 views; Vascular Heart Disease with Mini Das, MD – 11,717 views; Minimally Invasive Heart Surgery with Sebastian Pagni, MD – 12,539 views; Atrial Fibrillation with John Mandrola, MD – 15,755 views; and Abdominal Aortic Aneurysm Treatment with Matthew Jung, MD – 17,458 views. &gt;Health Risk Assessments on BaptistHealth.com include Heart Health, Peripheral Artery Disease and Stroke Risk Assessments. &gt;Partnership with American Heart Association. &gt;2015-2016 Flourish newsletter stores printed 21,000 mailed quarterly and Baptist Health for You blog posts. &gt;Participated in 50 events/screenings in 2015; 60 events/screenings in 2016 and 59 events/screenings in 2017.</p>

<p><b>Cardiovascular Disease (cont.)</b></p>		<p>&gt;Betty Clifton, APRN, provided cardiovascular screenings in the community for the three- year period 2015 through 2017. Over 10,000 markers of cardiovascular disease were assessed.</p> <p>&gt;Community Health Educator provided blood pressure, glucose, BMI and heart rhythm screenings.</p>
--	--	--

## Appendix D – Baptist Health Louisville FY 2017 Community Benefit Report Summary

<b>Baptist Health Louisville Community Benefit Report Fiscal Year 2017 Highlights</b>	
Unreimbursed cost of charity care	10,838,573
Unreimbursed cost of Medicaid	1,900,127
Subsidized health services	(599,163)
Health improvements and other contributions	709,603
<b>Total Community Benefit</b>	<b>12,849,140</b>
Unreimbursed cost of Medicare	18,156,783
Unreimbursed cost of uncollectibles	3,065,912
<b>Total</b>	<b>34,071,835</b>

Baptist Health Louisville provided over \$34 million in community benefits during fiscal year 2017.