

Baptist Health Floyd's smoking-cessation program helped Jeff Jones regain an active, healthier life, including quality time with his granddaughter.



COMMUNITY
HEALTH
NEEDS
ASSESSMENT
2018



BAPTIST HEALTH®
FLOYD

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Community Health Needs Assessment Committee

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Introduction

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

Organization Description

Baptist Health Floyd

Baptist Health Floyd, a two hundred and thirty-six (236)-bed acute hospital facility, is a wholly owned subsidiary of Baptist Health. Baptist Health Floyd became part of the Baptist Health system in 2016. Baptist Health Floyd can serve all of the primary healthcare needs of its service area. Baptist Health Floyd has a 24-hour Emergency Department, inpatient and outpatient surgery, laboratory, pharmacy, and imaging capabilities, including a fixed MRI.

Baptist Health

Baptist Health Floyd 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 (BHHC) provides home health services in 38 counties in Kentucky, six in southern Indiana, and six in southern Illinois.



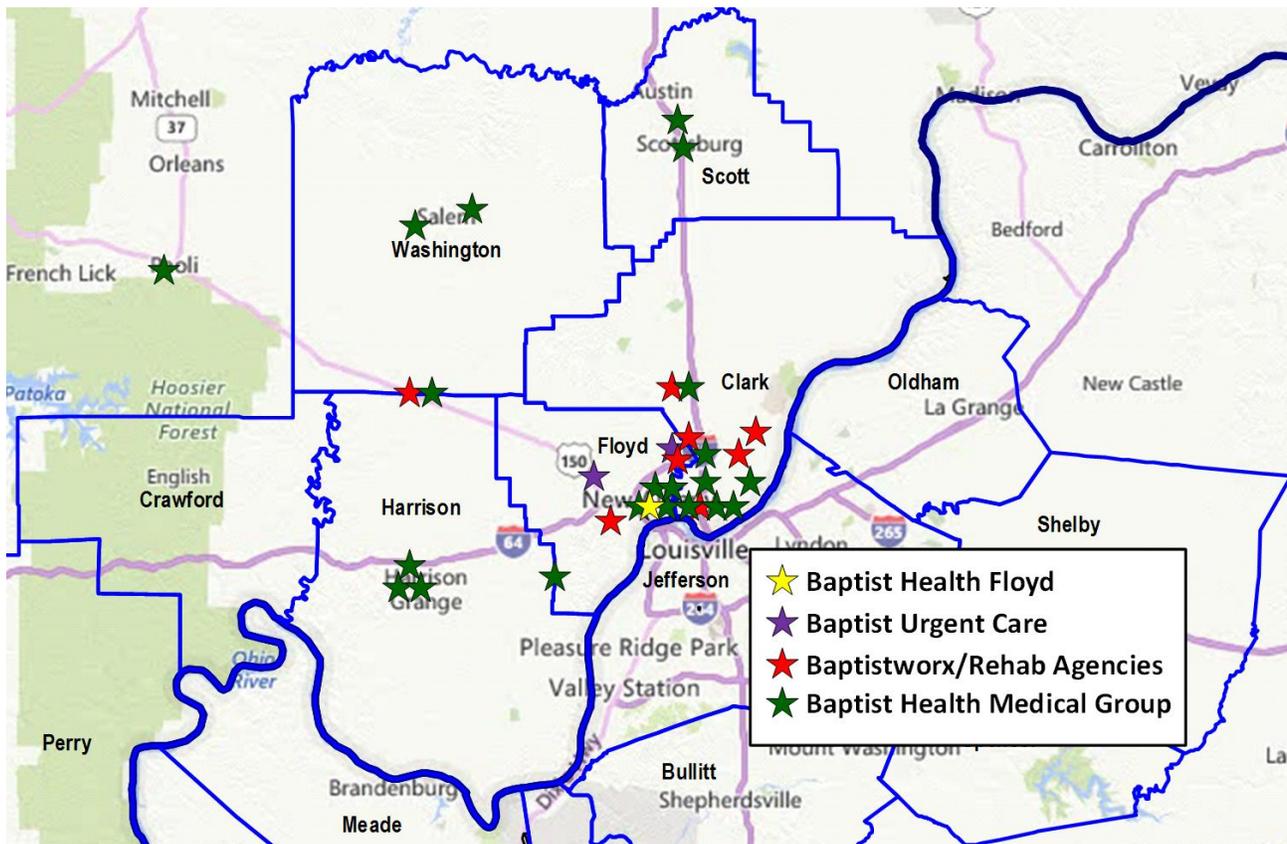
Total Discharges Patient Origin By County

County	Discharges	% of Total
Floyd	5,387	41.1%
Clark	3,412	26.1%
Harrison	1,907	14.6%
Washington	1,329	10.1%
Scott	607	4.6%
Crawford	452	3.5%
Total CHNA Service Area	13,094	96.6%
* Other Areas	455	3.4%
Total Baptist Health Floyd Discharges	13,549	100.0%

*Other includes 53 other counties

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

Baptist Health Locations in Baptist Health Floyd Service Area



Mission, Vision, and Values

All Baptist Health Floyd 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 Floyd worked closely with numerous institutions, agencies, and individuals representing public health, other hospitals, and community members.

Framework

Baptist Health Floyd defines its service area for this Community Health Needs Assessment by looking at where the majority of its inpatients reside. In CY 2017, 96 percent of Baptist Health Floyd's inpatients came from Clark, Crawford, Floyd, Harrison, Scott and Washington counties in Indiana.

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 2016 CHNA were discussed. There are six health departments responsible for the counties Baptist Health Floyd serves: Clark County Health Department; Crawford County Health Department; Floyd County Health Department; Harrison County Health Department; Scott County Health Department; and Washington County Health Department. Through these contacts, as well as other public agencies, public surveys and focus groups, Baptist Health Floyd is soliciting primary feedback on the updated health issues confronting its service area today.

Secondary data from demographics and socioeconomic sources, Indiana vital statistics, disease prevalence, and health indicators and statistics were updated. 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 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. A summary of the identified needs and goals was presented to the hospital board for approval. After these were incorporated, the CHNA was approved by the hospital and system boards.

Profile of the Community

Demographics and Socioeconomics

Baptist Health Floyd serves ZIP codes in Clark, Crawford, Floyd, Harrison, Scott and Washington counties in Indiana. The following table shows the demographics and socioeconomic characteristics of Baptist Health Floyd’s service area for the most recent period available. The previous CHNA reflected only Floyd County, thus the statistics are substantially different.

Demographics Expert 2.7
2017 Demographic Snapshot
Area: BH Flo CHNA Service Area 12-13-17
Level of Geography: ZIP Code

DEMOGRAPHIC CHARACTERISTICS						2017	2022	% Change
	Selected Area	USA						
2010 Total Population	290,456	308,745,538		Total Male Population	147,304	150,997	2.5%	
2017 Total Population	299,323	325,139,271		Total Female Population	152,019	155,921	2.6%	
2022 Total Population	306,918	337,393,057		Females, Child Bearing Age (15-44)	55,882	56,301	0.7%	
% Change 2017 - 2022	2.5%	3.8%						
Average Household Income	\$67,577	\$80,853						

POPULATION DISTRIBUTION						HOUSEHOLD INCOME DISTRIBUTION			
Age Group	Age Distribution					Income Distribution			
	2017	% of Total	2022	% of Total	USA 2017 %	2017 Household Income	HH Count	% of Total	USA % of Total
0-14	55,067	18.4%	53,722	17.5%	18.8%	<\$15K	13,550	11.4%	11.8%
15-17	11,927	4.0%	12,266	4.0%	3.9%	\$15-25K	12,894	10.8%	10.1%
18-24	25,633	8.6%	27,057	8.8%	9.8%	\$25-50K	29,011	24.4%	22.9%
25-34	36,624	12.2%	36,501	11.9%	13.4%	\$50-75K	24,421	20.5%	17.4%
35-54	79,707	26.6%	77,004	25.1%	25.7%	\$75-100K	15,860	13.3%	12.1%
55-64	42,021	14.0%	42,884	14.0%	12.9%	Over \$100K	23,176	19.5%	25.7%
65+	48,344	16.2%	57,484	18.7%	15.5%				
Total	299,323	100.0%	306,918	100.0%	100.0%	Total	118,912	100.0%	100.0%

EDUCATION LEVEL					RACE/ETHNICITY			
2017 Adult Education Level	Education Level Distribution			Race/Ethnicity Distribution				
	Pop Age 25+	% of Total	USA % of Total	Race/Ethnicity	2017 Pop	% of Total	USA % of Total	
Less than High School	8,809	4.3%	5.8%	White Non-Hispanic	266,450	89.0%	60.8%	
Some High School	18,654	9.0%	7.7%	Black Non-Hispanic	13,151	4.4%	12.4%	
High School Degree	75,626	36.6%	27.8%	Hispanic	10,894	3.6%	18.0%	
Some College/Assoc. Degree	64,202	31.1%	29.1%	Asian & Pacific Is. Non-Hispanic	2,491	0.8%	5.7%	
Bachelor's Degree or Greater	39,405	19.1%	29.6%	All Others	6,337	2.1%	3.2%	
Total	206,696	100.0%	100.0%	Total	299,323	100.0%	100.0%	

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Service Area Defined: Clark, Crawford, Floyd, Harrison, Scott, and Washington Counties

Labor Force Characteristics
 Area: BH Flo CHNA Service Area 12-13-17
 2017 ZIP Code Report
 Ranked on 2017 Total Population 16+ (Desc)

ZIP Code	ZIP City Name	County	2017 Total Population 16+		Total Labor Force		Employed in Civilian Labor Force		Employed in Armed Forces		Unemployed in Labor Force		Females in Labor Force	
			Count	%Down	Count	%Across	Count	%Across	Count	%Across	Count	%Across	Count	%Across
47130	Jeffersonville	Clark	37,211	15.5%	24,645	66.2%	22,928	61.6%	48	0.1%	1,669	4.5%	12,059	62.7%
47129	Clarksville	Clark	15,912	6.6%	9,971	62.7%	9,357	58.8%	0	0.0%	614	3.9%	4,666	55.8%
47172	Sellersburg	Clark	14,236	5.9%	9,772	68.6%	9,300	65.3%	22	0.2%	450	3.2%	4,632	62.7%
47111	Charlestown	Clark	12,684	5.3%	8,519	67.2%	7,996	63.0%	0	0.0%	523	4.1%	4,192	64.1%
47106	Borden	Clark	4,174	1.7%	2,844	68.1%	2,694	64.5%	1	0.0%	149	3.6%	1,356	65.0%
47124	Greenville	Clark	3,612	1.5%	2,494	69.0%	2,382	65.9%	0	0.0%	112	3.1%	1,206	66.1%
47143	Memphis	Clark	2,893	1.2%	1,854	64.1%	1,730	59.8%	5	0.2%	119	4.1%	952	65.4%
47141	Marysville	Clark	1,379	0.6%	878	63.7%	806	58.4%	0	0.0%	72	5.2%	440	63.1%
47177	Underwood	Clark	1,224	0.5%	743	60.7%	669	54.7%	0	0.0%	74	6.0%	352	58.7%
47137	Leavenworth	Clark	1,148	0.5%	629	54.8%	584	50.9%	0	0.0%	45	3.9%	302	52.7%
47162	New Washington	Clark	733	0.3%	467	63.7%	429	58.5%	0	0.0%	38	5.2%	237	63.2%
47118	English	Crawford	2,676	1.1%	1,414	52.8%	1,330	49.7%	0	0.0%	84	3.1%	659	49.7%
47140	Marengo	Crawford	2,075	0.9%	1,222	58.9%	1,109	53.4%	0	0.0%	113	5.4%	558	54.1%
47145	Milltown	Crawford	1,519	0.6%	900	59.2%	816	53.7%	0	0.0%	84	5.5%	412	54.9%
47163	Otisco	Crawford	1,241	0.5%	801	64.5%	748	60.3%	0	0.0%	53	4.3%	390	62.8%
47175	Taswell	Crawford	687	0.3%	363	52.8%	345	50.2%	0	0.0%	18	2.6%	159	47.7%
47116	Eckerty	Crawford	672	0.3%	351	52.2%	333	49.6%	0	0.0%	18	2.7%	151	47.0%
47123	Grantsburg	Crawford	145	0.1%	77	53.1%	72	49.7%	0	0.0%	5	3.4%	34	48.6%
47174	Sulphur	Crawford	126	0.1%	70	55.6%	65	51.6%	0	0.0%	5	4.0%	34	53.1%
47150	New Albany	Floyd	38,731	16.1%	25,361	65.5%	23,231	60.0%	16	0.0%	2,114	5.5%	12,413	61.0%
47119	Floyds Knobs	Floyd	9,391	3.9%	6,433	68.5%	6,056	64.5%	0	0.0%	377	4.0%	3,001	62.8%
47122	Georgetown	Floyd	8,590	3.6%	5,877	68.4%	5,581	65.0%	0	0.0%	296	3.4%	2,813	64.5%
47117	Elizabeth	Floyd	3,635	1.5%	2,331	64.1%	2,114	58.2%	4	0.1%	213	5.9%	1,042	57.7%
47112	Corydon	Harrison	13,545	5.6%	8,585	63.4%	7,806	57.6%	1	0.0%	778	5.7%	4,137	59.5%
47136	Lanesville	Harrison	3,811	1.6%	2,516	66.0%	2,358	61.9%	0	0.0%	158	4.1%	1,172	60.8%
47126	Henryville	Harrison	3,638	1.5%	2,160	59.4%	1,966	54.0%	4	0.1%	190	5.2%	1,030	58.6%
47164	Palmyra	Harrison	3,063	1.3%	1,899	62.0%	1,705	55.7%	0	0.0%	194	6.3%	886	57.4%
47161	New Salisbury	Harrison	2,993	1.2%	1,916	64.0%	1,764	58.9%	0	0.0%	152	5.1%	925	61.5%
47115	Depauw	Harrison	1,968	0.8%	1,239	63.0%	1,128	57.3%	0	0.0%	111	5.6%	585	59.8%
47135	Laconia	Harrison	1,094	0.5%	705	64.4%	637	58.2%	2	0.2%	66	6.0%	307	57.8%
47166	Ramsey	Harrison	1,094	0.5%	705	64.4%	651	59.5%	0	0.0%	54	4.9%	345	62.3%
47142	Mauckport	Harrison	817	0.3%	522	63.9%	470	57.5%	1	0.1%	51	6.2%	239	57.5%
47114	Crandall	Harrison	428	0.2%	278	65.0%	258	60.3%	0	0.0%	20	4.7%	135	62.8%
47110	Central	Harrison	391	0.2%	250	63.9%	225	57.5%	1	0.3%	24	6.1%	116	57.7%
47160	New Middletown	Harrison	164	0.1%	110	67.1%	103	62.8%	0	0.0%	7	4.3%	49	60.5%
47170	Scottsburg	Scott	11,572	4.8%	6,831	59.0%	5,981	51.7%	3	0.0%	847	7.3%	3,094	52.4%
47102	Austin	Scott	5,394	2.2%	3,126	58.0%	2,637	48.9%	0	0.0%	489	9.1%	1,500	54.4%
47138	Lexington	Scott	3,765	1.6%	2,349	62.4%	2,105	55.9%	0	0.0%	244	6.5%	1,076	57.5%
47147	Nabb	Scott	884	0.4%	557	63.0%	508	57.5%	0	0.0%	49	5.5%	274	60.9%
47167	Salem	Washington	12,018	5.0%	7,323	60.9%	6,516	54.2%	6	0.0%	801	6.7%	3,514	57.1%
47165	Pekin	Washington	4,931	2.1%	3,123	63.3%	2,782	56.4%	3	0.1%	338	6.9%	1,376	55.7%
47108	Campbellsburg	Washington	1,886	0.8%	1,081	57.3%	977	51.8%	0	0.0%	104	5.5%	478	51.1%
47125	Hardinsburg	Washington	1,412	0.6%	812	57.5%	754	53.4%	0	0.0%	58	4.1%	352	51.4%
47120	Fredericksburg	Washington	772	0.3%	481	62.3%	427	55.3%	0	0.0%	54	7.0%	209	54.1%
Total			240,334	100.0%	154,584	64.3%	142,433	59.3%	117	0.0%	12,034	5.0%	73,859	59.9%

Demographics Expert 2.7
 DEMO0103.SQP
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 Service Area Defined: Clark, Crawford, Floyd, Harrison, Scott and Washington counties

There are approximately 240,334 persons in the previously defined adult population (16+) with a labor force of 154,584. Residents are slightly wealthier and more racially and ethnically homogenous than the U.S. as a whole. Most are employed with lower than state average unemployment.

The cities of Floyd Knobs, Crandall and Sellersburg are above average in household income and home value. Portions of Crawford, Harrison, and Washington counties are all below average socioeconomically. The rest of the service area falls into the average categories for household income and home value.



Households by Socioeconomic Characteristics
 Area: BH Flo CHNA Service Area 12-13-17
 2017 ZIP Code Report
 Ranked on 2017 Households (Desc)

ZIP Code	ZIP City Name	County	2017 Total Households		2017 Median HH	Median	Median
			Count	%Down	Income	Age of Total Population	Home Value
47119	Floyds Knobs	Floyd	4,202	3.5%	\$83,971	44.5	\$249,912
47114	Crandall	Harrison	200	0.2%	\$77,344	42.1	\$165,972
47172	Sellersburg	Clark	6,768	5.7%	\$74,813	39.1	\$183,747
47124	Greenville	Floyd	1,610	1.4%	\$73,586	42.0	\$213,889
47122	Georgetown	Floyd	3,933	3.3%	\$73,424	41.2	\$209,538
47106	Borden	Clark	1,938	1.6%	\$71,159	42.3	\$178,706
47143	Memphis	Clark	1,366	1.1%	\$69,348	38.3	\$168,456
47136	Lanesville	Harrison	1,792	1.5%	\$67,500	42.7	\$196,084
47117	Elizabeth	Harrison	1,718	1.4%	\$63,698	44.3	\$122,552
47135	Laconia	Harrison	522	0.4%	\$60,909	44.3	\$130,183
47111	Charlestown	Clark	6,054	5.1%	\$60,852	38.2	\$166,427
47126	Henryville	Clark	1,610	1.4%	\$59,407	40.6	\$148,066
47163	Otisco	Clark	550	0.5%	\$58,364	43.1	\$150,000
47166	Ramsey	Harrison	521	0.4%	\$57,500	41.8	\$134,063
47160	New Middletown	Harrison	75	0.1%	\$56,875	41.0	\$127,778
47161	New Salisbury	Harrison	1,430	1.2%	\$56,542	41.6	\$135,438
47137	Leavenworth	Crawford	556	0.5%	\$56,140	43.5	\$105,048
47177	Underwood	Clark	549	0.5%	\$55,784	43.9	\$138,125
47130	Jeffersonville	Clark	19,359	16.3%	\$54,924	39.2	\$136,929
47141	Marysville	Clark	620	0.5%	\$53,469	42.8	\$152,778
47138	Lexington	Scott	1,757	1.5%	\$53,243	42.6	\$125,000
47112	Corydon	Harrison	6,637	5.6%	\$52,783	40.9	\$137,845
47147	Nabb	Scott	420	0.4%	\$52,162	42.5	\$141,892
47115	Depauw	Harrison	946	0.8%	\$51,972	42.6	\$132,759
47164	Palmyra	Harrison	1,504	1.3%	\$51,633	40.9	\$120,880
47165	Pekin	Washington	2,306	1.9%	\$49,634	40.8	\$119,059
47145	Milltown	Crawford	756	0.6%	\$49,507	43.3	\$105,893
47175	Taswell	Crawford	343	0.3%	\$48,750	46.4	\$94,167
47170	Scottsburg	Scott	5,701	4.8%	\$48,482	41.5	\$113,635
47162	New Washington	Clark	353	0.3%	\$47,955	43.4	\$137,903
47150	New Albany	Floyd	20,354	17.1%	\$47,809	39.0	\$144,655
47167	Salem	Washington	5,908	5.0%	\$44,102	41.0	\$115,254
47120	Fredericksburg	Washington	368	0.3%	\$43,864	40.3	\$117,287
47125	Hardinsburg	Washington	682	0.6%	\$43,857	41.9	\$100,385
47102	Austin	Scott	2,577	2.2%	\$43,543	41.1	\$102,679
47110	Central	Harrison	189	0.2%	\$43,250	41.9	\$104,167
47142	Mauckport	Harrison	397	0.3%	\$43,125	41.8	\$102,000
47116	Eckerty	Crawford	336	0.3%	\$42,667	44.9	\$92,941
47129	Clarksville	Clark	8,566	7.2%	\$41,823	39.1	\$112,653
47174	Sulphur	Crawford	58	0.0%	\$41,250	43.7	\$107,143
47108	Campbellsburg	Washington	911	0.8%	\$41,094	40.9	\$95,610
47118	English	Crawford	1,341	1.1%	\$40,367	44.0	\$90,682
47140	Marengo	Crawford	1,055	0.9%	\$36,770	41.8	\$87,462
47123	Grantsburg	Crawford	74	0.1%	\$36,667	42.3	\$90,000
Total			118,912	100.0%	\$54,881	40.4	\$146,467

Demographics Expert 2.7

DEMO0021.SQP

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Service Area Defined: Clark, Crawford, Floyd, Harrison, Scott and Washington counties

Mortality

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

Age Adjusted Death Rates	Clark	Crawford	Floyd	Harrison	Scott	Washington	IN	USA
Total	955.7	917.0	873.4	845.9	1,128.8	981.9	830.9	730.6
Coronary Heart Disease	202.9	208.6	207.8	185.2	207.0	210.0	184.2	168.3
Cancer	182.4	169.3	170.8	188.9	212.4	202.1	178.5	161.0
COPD & Pneumonia	86.9	63.7	73.7	62.7	105.0	87.9	68.3	55.1
Accidents	36.4	-	30.7	36.9	62.1	34.3	29.2	23.3
Stroke	41.2	32.1	41.2	39.5	54.1	51.0	40.8	36.9
Diabetes	19.6	38.9	23.9	21.8	27.5	34.0	25.9	21.1
Suicide	16.0	-	16.7	11.8	-	16.4	14.6	13.0
Homicide	4.9	-	-	0.0	-	-	6.2	4.6
Motor Vehicle Accidents	10.6	-	8.3	23.5	26.4	28.9	12.6	11.9
All Other Causes	354.8	404.4	300.3	275.6	434.3	317.3	270.6	235.4
	Significantly Below IN Rate							
	Significantly Above IN Rate							

Source: 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 Indiana 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, Floyd County's low death rate due to diabetes mellitus may show that residents are seeking and receiving care quickly for diabetic-related events, or they may be doing a better job of caring for themselves, thus reducing the number of diabetic-related events overall.

Cancer Incidence Rates

Cancer incidence rates are from the Indiana Cancer Registry and cover a five-year span. Clark, Crawford, Floyd, Harrison and Scott Counties have higher than average incidence rates for skin cancer, while Clark, Crawford, Floyd, and Harrison counties have higher than average incidence rates for breast cancer. These two cancer sites can be screened for the disease quickly. Thus, the higher rates may be a function of better detection. On the other hand, there may be higher numbers of people contracting cancer in these sites due to poor health behaviors or environmental hazards.

Age Adjusted Cancer Incidence	Clark	Crawford	Floyd	Harrison	Scott	Washington	IN
All Cancers	469.8	473.6	473.6	443.5	452.3	478.0	455.0
Prostate	38.2	49.3	52.9	49.8	50.5	55.5	89.3
Lung	86	102.1	75.1	90.7	83.4	91.1	70.6
Breast	117.2	105.0	127.7	111.9	95.9	98.8	119.4
Female Genitalia	42.1	36.5	35.6	27.7	33.5	33.7	37.0
Skin	12.8	20.5	13.7	16.0	19.1	9.1	18.0
Pancreas	13.2	14.3	12.4	12.4	10.9	14.3	12.5
All Other Cancers	160.3	145.9	156.2	135.0	159.0	175.5	108.2
	Significantly Below IN Rate						
	Significantly Above IN Rate						

Source: IN Cancer Registry, <https://www.in.gov/isdh/24360.htm>, May 2017

ISCR Statistics Report Generator
 2011-2015

Health Statistics and Rankings

Baptist Health Floyd 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 table on the following page shows health outcomes, health behaviors, clinical care availability, socioeconomic factors, and physical environment risks for each county in Baptist Health Floyd's service area. The rankings are based on the 92 counties in Indiana. Floyd and Harrison counties have good health factor rankings and Floyd County has a good clinical care ranking. Floyd and Harrison counties are ranked, overall, 43rd and 38th respectively.

	Indiana	Clark (Clk)x	Crawford (Craf)x	Floyd (Flo)x	Harrison (Hars)x	Scott (Sco)x	Washington (Wash)x	
Health Outcomes			69	90	45	38	92	85
Length of Life			73	86	42	44	92	90
Premature death	7,661	8,979	9,864		7,643	7,659	13,770	11,229
Quality of Life			63	92	45	34	88	59
Poor or fair health	18%	17%	19%	15%	14%	14%	17%	17%
Poor physical health days	4.0	3.8	4.4	3.6	3.7	4.1	4.1	4.1
Poor mental health days	4.1	4.0	4.3	3.7	3.9	4.2	4.1	4.1
Low birthweight	8.1%	8.0%	9.4%	8.5%	7.3%	9.8%	7.3%	7.3%
Health Factors			65	90	25	39	85	74
Health Behaviors		76	82	33	44	68	55	55
Adult smoking	21%	19%	22%	17%	17%	20%	19%	19%
Adult obesity	32%	33%	33%	30%	36%	30%	31%	31%
Food environment index	7.2	7.4	7.5	7.7	8.3	7.6	7.7	7.7
Physical inactivity	26%	30%	28%	29%	29%	34%	29%	29%
Access to exercise opportunities	75%	84%	67%	92%	34%	47%	42%	42%
Excessive drinking	17%	16%	15%	16%	17%	16%	15%	15%
Alcohol-impaired driving deaths	24%	22%	22%	35%	22%	13%	23%	23%
Sexually transmitted infections	434	354.2	169.5	409.2	270.7	262.8	252	252
Teen births	35.2	43.4	40.3	32.7	32.7	52.5	38.4	38.4
Clinical Care			52	78	26	42	89	83
Uninsured	14%	14%	16%	12%	13%	14%	16%	16%
Primary care physicians	1489:1	2240:1	0	1656:1	1965:1	2635:1	3098:1	3098:1
Dentists	1895:1	2884:1	10483:1	1567:1	2328:1	3957:1	4638:1	4638:1
Mental health providers	735:1	491:1	2621:1	893:1	4947:1	2968:1	3478:1	3478:1
Preventable hospital stays	57.02	73.51	65.5	65.86	70.71	96.76	73.82	73.82
Diabetic screening	85%	84%	74%	85%	80%	84%	83%	83%
Mammography screening	62%	63%	58%	64%	70%	53%	58%	58%
Social & Economic Factors			46	90	33	37	81	74
High school graduation	87%	92%	88%	91%	93%	88%	93%	93%
Some college	61%	63%	37%	65%	57%	48%	44%	44%
Unemployment	4.79%	4.46%	6.01%	4.24%	4.52%	5.36%	5.14%	5.14%
Children in poverty	20%	16%	29%	18%	15%	24%	23%	23%
Inadequate social support								
Children in single-parent households	34%	32%	41%	32%	30%	31%	33%	33%
Violent crime	356.2	538.8	134.5	152.9	91.7	243.1	0.0	0.0
Injury deaths	66.7	72.1	82.9	64.3	78.9	111.6	104.6	104.6
Physical Environment			91	39	37	24	31	14
Air pollution - particulate matter	11.1	11.8	10.3	11	10.6	10.7	10.6	10.6
Drinking water violations	0%	Yes	No	No	No	No	No	No
Severe housing problems	14%	13%	14%	12%	11%	12%	11%	11%
Driving alone to work	83%	86%	88%	85%	85%	86%	82%	82%
Long commute - driving alone	30%	35%	52%	29%	53%	43%	54%	54%

Source: Robert Wood Johnson, CountyHealthRankings.org 2017 County Rankings

Data Ran: 12/14/17

Primary Data

There are six health departments responsible for the counties Baptist Health Floyd serves: Clark County Health Department; Crawford County Health Department; Floyd County Health Department; Harrison County Health Department; Scott County Health Department; and Washington County Health Department. Through these contacts, as well as other public agencies, public surveys and focus groups, Baptist Health Floyd is soliciting primary feedback on the updated health issues confronting its service area today.

Community Healthcare Resources

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

Hospitals

There are a large number of hospitals in the service area, with 461 licensed acute care beds, 99 critical access beds, 60 rehab beds, and 52 proprietary license beds. The table below lists all of the non-government hospitals in the service area.

Hospital	Type	Licensed Beds	Location
Baptist Health Floyd	Acute	225	Floyd
Clark Memorial Hospital	Acute	236	Clark
Harrison County Hospital	CAH	25	Harrison
Kentuckiana Medical Center LLC	Misc	42	Clark
Physician's Medical Center LLC	Misc	10	Floyd
Southerin IN Rehabilitation Hospital	Rehab	60	Floyd
St. Vincent Salem Hospital Inc.	CAH	25	Washington
Scott Memorial Hospital	CAH	25	Scott
Indiana University Health Paoli Hospital	CAH	25	Orange

Source: Indiana State Department of Health I, Hospital Directory, as of 12/20/17

<http://www.in.gov/isdh/reports/QAMIS/hosdir/wdirhos.htm>

Clark Memorial Hospital is an acute care facility owned by Regional Health Network of Kentucky and Southern Indiana, a joint venture of LifePoint Health and Norton Healthcare. Harrison County Hospital 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.

Harrison County Hospital became affiliated with Norton Healthcare in 1981. According to its website, the hospital serves 60,000 residents in Harrison and Crawford counties in Indiana and Meade County in Kentucky.

Other Licensed Facilities

According to the Indiana State Department of Health, there are five rural health clinics and four ambulatory surgery centers in the defined service area. Unlike Kentucky, Indiana is not a certificate of need state. Many of the services that must be state licensed in Kentucky do not require specific Indiana state licensing.

Health Departments

As stated earlier in this document, there are six separate health departments located in the Baptist Health Floyd service area: Clark County Health Department; Crawford County Health Department; Floyd County Health Department; Harrison County Health Department; Scott County Health Department; and Washington County Health Department.

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 Floyd 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 Floyd 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 primary data identified ten community health needs. The committee members briefly discussed the services Baptist Health Floyd already provides that are detailed in the annual Community Benefit Report (see Appendix D for the FY 2017 Baptist Health Floyd summary report).

Prioritized Health Issues

Community survey responses identified ten community needs: The team employed an algorithm to rank the needs based on the following criteria: magnitude, severity, opportunity to intervene at a prevention level, degree of success in impacting the problem, and resources. The analysis involved applying a weight to each of the criteria based on four parameters: will the action have no impact, minimal impact, some impact, or maximum impact? Assigning the weights and totaling the score for each criteria, the algorithm rearranged the ten needs. Action items and measures were then developed for all ten needs, but only four will be included in the strategic implementation plan:

- Social determinants of health (food security, transportation and housing)
- Cardiovascular disease
- Obesity
- Substance abuse / addiction

The other six community needs identified by the survey are: mental health, diabetes, back/joint pain, chronic obstructive pulmonary disease, cancer and stress. Although they are not included in this document, Baptist Health Floyd will be developing action items for the remaining six community needs.

Strategic Implementation Plan

Baptist Health Floyd Strategic Implementation Plan 2018-2021

Identified Health Needs	Goals	Action Item(s)	Measure(s)
Social Determinants of Health - Food Security - Transportation - Housing	Improve Floyd County residents' access to healthy food and nutrition and increase health education	Provide monthly cooking demonstrations / work with SNAP benefit populations to teach cooking skills / develop intervention measures for highest identified need in Floyd County	# of attendees Successful development of intervention measures and implementation strategy
		Deploy a screening tool to identify food insecurity for Baptist Floyd patients	Develop the tool Test at pilot location
	Reduce the number of patients that do not receive care due to a lack of or unreliable transportation	Identify those patients that are not receiving medical care due to transportation issues / review hospital procedures related to transportation needs of patients/ educate staff about patient transportation issues	# of patients identified # of patients who received assistance # of staff reached via education
	Ensure the residents of Floyd County live in affordable and health home environments	Work with New Housing Authority to understand the process of achieving affordable housing in Floyd County	Attend education session on process to enter public housing
		Identify those in need of affordable housing in Floyd County	List populations in Floyd County with high need
		Educate staff and the community on available resources concerning affordable housing in Floyd county	Identify available resources in the community related to affordable housing Educate staff on the process of entering affordable housing and available resources
Cardiovascular Disease	Enable positive behaviors in order to reduce the incidence and impact of cardiovascular disease for our community including stroke, hypertension and cardiac arrest	Offer community screenings that focus on cardiovascular health	# of screenings offered Track results of findings
		Take 2 screening	# of patients screened Follow up on 75% of participants who received an abnormal screening

Identified Health Needs	Goals	Action Item(s)	Measure(s)
Obesity	Promote health and reduce chronic disease risk through healthy behaviors, including healthy foods and physical activity	Work with Head Start families on 5210 messaging Promote 5-a-day activities	Develop measurements for intervention # of interventions presented # of promotions # of attendees
Substance Abuse / Addiction	Reduce substance use disorders to protect the health, safety and quality of life for the community	Provide community education on the health risks of substance abuse Smoking cessation classes Provide a prevention intervention focused on children / adolescents (Red Ribbon contest) Track EMR referral patients to the Indiana State quit line	# of classes held # of participants # of classes held # of participants Report follow up with class participants # of participants # of patients referred

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 Floyd will publish this document on its website 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 Floyd will continue to use this Community Health Needs Assessment to allocate resources to improve the health of its service area. The committee will have oversight of annually evaluating measures of success relative to the prioritized issues and complete an updated Strategic Implementation Plan.

Appendix A – Data Sources

Health Departments

Clark County Health Department
<http://www.clarkhealth.net/>

Crawford County Health Department
<http://crawfordcountyhealthdepartment.com/>

Floyd County Health Department
<http://floydcountyhealth.org/>

Harrison County Health Department
<http://www.harrisoncountyhealth.com/>

Scott County Health Department
<http://www.scottcountyinhealthdept.com/>

Washington County Health Department
<http://www.washcohealth.com/>

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

Indiana University School of Public Health

<https://fsph.iupui.edu/community-resources/resources/index.html>

Indiana State Department of Health

<https://www.in.gov/isdh/>

Indiana Hospital Association

<http://iha.org>

Community Resource Guide

<https://www.in.gov/fssa/files/Clarksville%20Area%20Office%20Resource%20Guide.pdf>



Appendix B – 2018 Baptist Health Floyd Public Survey Instrument

Baptist Health Floyd is conducting a Community Health Needs Assessment (CHNA) survey to better understand the health concerns and needs in the community. The information obtained from the CHNA will be used in the development of an action plan to help improve the health of our community.

1. How would you describe your overall health?
 - a. Excellent
 - b. Good
 - c. Fair
 - d. Poor

2. Please select the top 3 health challenges **you** face.
 - a. Cancer
 - b. Diabetes
 - c. Overweight/obese
 - d. Lung disease
 - e. High blood pressure
 - f. Stroke
 - g. Heart disease
 - h. Joint pain or back pain
 - i. Mental health issues (depression, anxiety, etc.)
 - j. Alcohol overuse
 - k. Drug addiction (prescription, illegal, etc.)
 - l. Infectious disease (Hepatitis A/B/C, HIV, etc.)
 - m. I do not have any health challenges
 - n. Other (please specify)_____

3. Please choose all statements below that apply to you.
 - a. I exercise at least 3 times per week.
 - b. I eat at least 5 servings of fruits and vegetables each day.
 - c. I eat fast food more than once per week.
 - d. I smoke cigarettes (including e-cigarettes and vaping).
 - e. I chew tobacco.
 - f. I use illegal drugs.
 - g. I abuse or overuse prescription drugs.
 - h. I have more than 4 alcoholic drinks per day.
 - i. I use sunscreen or protective clothing for planned time in the sun.
 - j. I have access to a wellness program through my employer.
 - k. None of the above applies to me.



4. On a typical day how would you rate your level of stress?
 - a. Very high
 - b. High
 - c. Moderate
 - d. Low
 - e. Very low

5. How do you cope with stress?
 - a. Watch TV
 - b. Read
 - c. Listen to music
 - d. Talk with family and/or friends
 - e. Prayer
 - f. Meditation
 - g. Exercise
 - h. Eat
 - i. Smoke
 - j. Drink alcohol
 - k. Consume illegal drugs
 - l. Take prescription medications
 - m. Hurt self
 - n. Other _____

6. Have you ever been diagnosed (professional or self-diagnosis) with any of the following disorders?
(Check all that apply)
 - a. Addiction (to drugs, alcohol, etc.)
 - b. Anorexia/Bulimia
 - c. Generalized Anxiety Disorder (GAD)
 - d. Attention Deficit Hyperactivity Disorder (ADD/ADHD)
 - e. Bipolar Disorder
 - f. Borderline Personality Disorder (BPD)
 - g. Depression
 - h. Obsessive Compulsive Disorder (OCD)
 - i. Panic Disorder
 - j. Post-Traumatic Stress Disorder (PTSD)
 - k. Schizophrenia
 - l. Seasonal Affective Disorder (SAD)
 - m. Social Phobia/Anxiety
 - n. None
 - o. Other (Please Specify)



7. Are there any issues that prevent you from accessing care? (Check all that apply)
- a. Cultural/religious beliefs
 - b. Don't know how to find a medical healthcare provider
 - c. Don't know how to find a mental healthcare provider
 - d. Lack of trust of the medical community
 - e. Child care
 - f. Fear (not ready to face/discuss health problem)
 - g. Lack of availability of medical healthcare providers
 - h. Lack of availability of mental health provider
 - i. Language barrier
 - j. No insurance and unable to pay for healthcare
 - k. Unable to pay co-payment/deductible
 - l. Transportation
 - m. Other _____
8. Which of the following preventive procedures have you had in the past 12 months?
- a. Mammogram (female)
 - b. Pap smear (female)
 - c. Prostate cancer screening (male)
 - d. Vaccinations (flu shot, etc.)
 - e. Cholesterol screening
 - f. Vision screening
 - g. Hearing screening
 - h. Cardiovascular screening
 - i. Colon/rectal exam (colonoscopy, etc.)
 - j. Blood pressure screening
 - k. Blood sugar screening
 - l. Dental cleaning/exam
 - m. Physical exam
 - n. Blood test
 - o. HIV/Hepatitis A/B/C screening
 - p. None of the above



9. Where do you receive routine health care? (Check all that apply)
- a. Physician's office
 - b. Health department
 - c. Emergency room
 - d. Urgent care clinic
 - e. Retail clinic (Kroger, Walgreen's, etc.)
 - f. Federally qualified clinic (Family Health Center, etc.)
 - g. Chiropractor
 - h. Mental health care provider (psychiatrist, counselor)
 - i. Holistic measures (acupuncture, herbs, etc.)
 - j. Other
 - k. I would not seek health care
10. Where do you receive emergency medical services?
- a. Emergency room
 - b. Urgent care clinic
 - c. Physician's office
 - d. Health department
 - e. Other clinic
 - f. I do not seek health care
11. Please select the top 3 health challenges **our community** faces.
- a. Healthcare access (hospital, healthcare provider, ambulance, etc.)
 - b. Social determinants (housing/homelessness, economic stability, transportation, education, hunger, ethnicity/race)
 - c. Prevention Services (education, screening, etc.)
 - d. Environmental quality (water, parks, etc.)
 - e. Injury and violence (crime, guns, abuse, neglect, car accidents, etc)
 - f. Substance Abuse/Addiction (prescription drugs, illegal drugs, alcohol)
 - g. Tobacco use (including secondhand smoke exposure)
 - h. Mental Health (depression, anxiety, dementia, etc.)
 - i. Heart disease, stroke, diabetes, high blood pressure
 - j. Cancer
 - k. Infectious disease (Hepatitis A/B/ C, HIV, etc.)
 - l. Maternal, Infant, Child health (pregnancy)
 - m. Obesity, Nutrition, Physical Activity
 - n. Oral Health
 - o. Knowledge of resources available in community
 - p. Other _____



12. Pick 3 items needed to improve the health of our community.
- a. Access to healthy food
 - b. Job opportunities
 - c. Mental health services
 - d. Recreation facilities (parks, community activities)
 - e. Transportation
 - f. Wellness services
 - g. Specialty physicians
 - h. Free or affordable health screenings
 - i. Safe places to walk/play
 - j. Substance abuse rehabilitation services
 - k. Access to my doctor/healthcare provider
 - l. I don't know
 - m. Other (please specify) _____
13. What is your gender (assigned at birth)?
- a. Male
 - b. Female
14. What is your ZIP code? _____
15. Which category is your age?
- a. Under 18
 - b. 18-29
 - c. 30-45
 - d. 46-60
 - e. 61-74
 - f. 75+
16. What is your highest level of education?
- a. K-8th grade
 - b. Some high school
 - c. High school graduate
 - d. GED
 - e. Technical school
 - f. Some college
 - g. College graduate
 - h. Graduate school
 - i. Doctorate
 - j. Other (please specify) _____



17. What is your race?

- a. African American
- b. Caucasian/white
- c. Asian
- d. Hispanic
- e. American Indian/Alaska Native
- f. Native Hawaiian/Pacific Islander
- g. Other

18. Where do you get most of your health information? (Check all that apply)

- a. Doctor/health care provider
- b. Social media (Facebook, Twitter, etc.)
- c. Family, friends, neighbor
- d. Health department
- e. Hospital
- f. Internet
- g. Library
- h. Newspaper/magazines
- i. Radio
- j. Church group
- k. School
- l. TV
- m. Worksite
- n. Other (please specify) _____

19. Do you have health insurance

- a. Yes
- b. No
- c. No, but I did at an earlier age/previous job

20. Employment status

- a. Full time
- b. Part time
- c. Self employed
- d. Unemployed
- e. Retired
- f. Student



21. My annual household income

- a. Less than \$20,000
- b. \$20,000 to \$39,999
- c. \$40,000 to \$59,999
- d. \$60,000 to \$79,999
- e. \$80,000 and over

22. If you are employed, did you miss more than 10 days of work last year due to illness?

- a. Yes
- b. No

23. Do you have any children under the age of 18 living with you?

- a. Yes
- b. No

24. Do you have an elderly relative living with you?

- a. Yes
- b. No

Appendix C – 2016 -2017 SIP Results

Baptist Health Floyd Strategic Implementation Plan 2016-2017

Identified Health Needs	Goals	Results
Nutrition	Increase consumption of fruits / vegetables in Floyd County	<ul style="list-style-type: none"> > Completed monthly promotions for years 2016 and 2017 > Held monthly demonstrations with total of 172 participants in 2016 and 173 participants in 2017 > Held monthly tastings with total of 1,800 participants in 2016 and 1,200 participants in 2017 > Gave away 1,000 plants at 10 distribution sites > Completed with 600 participants in 2016 and 2017
Physical Activity	Increase physical activity by 10 minutes at a time	<ul style="list-style-type: none"> > Completed 10 promotions in 2016 and 7 promotions in 2017 > Promoted monthly in English and Spanish > Successful coordination and participants in 2016 / 2017 Completed in 2016 with 5 participants
Tobacco Cessation / Prevention	Reduce the rate of cancer, heart, lung and other chronic disease by reducing tobacco use, nicotine dependence, and the exposure to second and third-hand smoke.	<ul style="list-style-type: none"> > Referred 1,297 and 1,761 patients in 2016 / 2017 > Received 60 submissions in years 2016 / 2017; prizes awarded > Had 25,130 page views in 2016 and 15,540 in 2017 > Held 4 classes with 38 participants in 2016 and 5 classes with 34 participants in 2017 > Screened 140 patients in 2016 and 96 in 2017



Appendix D – Baptist Health Floyd FY 2017 Community Benefit Report Summary

Baptist Health Floyd Community Benefit Report Fiscal Year 2017 Highlights	
Unreimbursed cost of charity care	1,486,150
Unreimbursed cost of Medicaid	6,096,673
Subsidized health services	(149,325)
Health improvements and other contributions	2,230,297
Total Community Benefit	9,663,795
Unreimbursed cost of Medicare	5,874,563
Unreimbursed cost of uncollectibles	6,069,711
Total	21,608,069

Baptist Health Floyd provided over \$21.6 million in community benefits during fiscal year 2017.