

COMMUNITY HEALTH NEEDS ASSESSMENT



Prepared for:

**Saint Luke's East Hospital – Lee's Summit
100 N. E. Saint Luke's Blvd.
Lee's Summit, MO 64086**

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Saint Luke’s East Hospital – Community Health Needs Assessment

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I. Executive Summary

The majority of hospitals in the United States are recognized as not-for-profit organizations. This designation is set forth by the Internal Revenue Service (IRS) for hospital organizations that provide a charitable benefit under section 501(c)(3) of the Internal Revenue Code. The Patient Protection and Affordable Care Act (PPACA) requires not-for-profit hospitals to demonstrate charitable or community benefit by completing a Community Health Needs Assessment (CHNA) at least once every three years.

A CHNA has been conducted for Saint Luke's East Hospital – Lee's Summit to assess the health needs of the people in the communities it serves. A profile of the demographic and socio-economic indicators for the Primary and Secondary Service Areas was compiled and analyzed. Data was collected from primary and secondary data sources. Current national, state, and local rates for certain health status indicators were assembled to provide perspective with regard to the state of community health. Public health officials and leaders of local community organizations were also consulted to determine the community health needs of the Saint Luke's East Hospital Total Service Area.

The information gathered in this process was used to identify and prioritize the most noteworthy community health needs. These health needs were prioritized based on market share data, as well as the frequency of similar health needs within the Saint Luke's East Hospital service areas. The following is a prioritized list of the major themes that emerged from the Community Health Needs Assessment:

1. Enhanced Communication between Health Care Professionals and the Public
2. Access to Resources
3. Health Education and Community Based Programs
4. Cancer Prevention and Early Detection
 - This health need includes addressing tobacco use, breast cancer, and colorectal cancer, in order of importance
5. Diabetes
6. Nutrition and Weight Status
7. Behavioral Health and Substance Abuse

In addition, each health need was further analyzed to identify existing health care facilities and community resources within the Primary and Secondary Service Areas that can assist in meeting the community health need. The CHNA will be made widely available to the public. The final step in the CHNA process is to develop an implementation plan for Saint Luke's East Hospital – Lee's Summit that outlines steps to take as an organization to meet the identified community health needs. This document will be created as an internal resource to facilitate action by the organization.



II. Community Health Needs Assessment Overview & Purpose

Saint Luke's East Hospital – Lee's Summit is a faith-based, not-for-profit community hospital serving Lee's Summit, Missouri and surrounding communities. As part of the Saint Luke's Health System, Saint Luke's East Hospital is committed to its mission of enhancing the physical, mental and spiritual health of the communities

As background, Public Law 111-148, commonly known as the Patient Protection and Affordable Care Act (PPACA), was implemented March 23, 2010. This act includes a revenue provision that outlines new requirements to ensure that not-for-profit hospitals continue to provide appropriate levels of community benefit. In order to maintain their tax-exempt status, hospitals must comply with these new requirements. Specifically, Section 9007 of PPACA requires not-for-profit hospitals to demonstrate that they understand the community's health status and are appropriately addressing the community needs. This is accomplished by conducting a Community Health Needs Assessment (CHNA).

In July 2011, the Internal Revenue Service (IRS) released Notice 2011-52 providing preliminary regulations for inclusionary criteria that must be met as part of a CHNA. Specifically, a CHNA must be completed at minimum every three years by each not-for-profit hospital facility within an organization. The CHNA is required to define the community the hospital serves, synthesize and analyze primary and secondary data sources, and include input from key community stakeholders.

In accordance with these provisions, this document was prepared for Saint Luke's East Hospital to enhance the organization's understanding of the health needs within their service area to identify opportunities for improving the community's overall health. By conducting a Community Health Needs Assessment, hospitals have the opportunity to demonstrate leadership in building strong communities. In addition, the CHNA must be made widely available to the public

III. Methodology

The Saint Luke's East Hospital Community Health Needs Assessment was prepared by a team of graduate students from the University of Kansas Medical Center as part of their Master of Health Services Administration (MHSA) capstone project in 2012. (See Appendix A for a full listing of team members and biographies.) The project involved preliminary research, data collection, analysis by a previous team of MHSA graduate students. Based on the aforementioned revised regulations, Notice 2011-52, the current team conducted meetings with senior level executives within both Saint Luke's Health System, and more specifically Saint Luke's East Hospital to assess the project direction, identify resources, and obtain relevant data germane to the organization.

Primary data sources were collected by interviewing key stakeholders identified within the Primary and Secondary Service Areas. Inclusion criteria for an interview were initially based on preliminary research and data collection. In addition, input was provided by Saint Luke's Health System's executive leadership, specifically Robert Bonney. Furthermore, primary data sources were also obtained via feedback from interviewees. Interviews were standardized by creating a core set questions that interviewees were presented. However, in order to maximize data collected during the interviews, questions were adapted and/or added as needed.

Key secondary resources that were utilized are outlined within Appendix B of this document. These resources were chosen based on their overall representation of national, state, and local health priorities, such as those described by Healthy People 2020, County Health Rankings and Hospital Industry Data. These secondary resources were also selected based on previous recommendations outlined by the World Health Organization

Data analysis was performed based on data collected from primary and secondary data sources utilizing market, demographic, morbidity and mortality data for the expanded Primary and Secondary Service Areas. In addition, interviews were conducted with community leaders and other key stakeholders to assess current perspectives as they pertain to community health needs. Synthesis of the interview data was summarized by categorizing health needs into major themes. Next, health needs were prioritized in order of importance, based upon Saint Luke's East Hospital's market share and service lines, as well as, the frequency of similar themes that emerged from key stakeholders within the community, for consideration by Saint Luke's East Hospital's leadership team. The scope of the assessment did not include evaluating the financial viability of new service offerings or product lines for the hospital.

IV. Saint Luke's East Hospital – Service Description

Saint Luke's East Hospital is a 117-bed acute care hospital with 376 active physicians. The hospital offers the following health-related services:

- Breast center and mammography
- Cancer services
- Critical care (ICU/eICU)
- Diabetes center
- Emergency services
- Gastroenterology
- Heart and vascular
- Hospitalists
- Laboratory services
- Maternity and NICU
- Orthopedic services
- Pain management
- Palliative care
- Pulmonary rehabilitation
- Radiology services
- Sleep disorders
- Spiritual wellness
- Stroke Center
- Surgical services
- Wound care

Additionally, Saint Luke's East Hospital offers outpatient services including diagnostic, rehabilitation, and surgery. An on-site Medical Office Building supports the delivery of these services.

V. Market/Service Area Description

Saint Luke's East Hospital serves communities within Jackson, Cass, Johnson, and Lafayette counties in Missouri. The communities (and associated 25 zip codes) that comprise the Primary Service Area include:

- Lee's Summit (64063, 64064, 64081, 64082, 64086)
- Kansas City (64129, 64133, 64134, 64136, 64137, 64138, 64139, 64149)
- Independence (64052, 64055, 64057)
- Blue Springs (64014, 64015)
- Grain Valley (64029)
- Grandview (64030)
- Greenwood (64034)
- Lone Jack (64070)
- Oak Grove (64075)
- Pleasant Hill (64080)
- Raymore (64083)

The communities (and associated 22 zip codes) that comprise the Secondary Service Area include:

- Kansas City (64110, 64114, 64126, 64128, 64130, 64131, 64132, 64145, 64146, 64147)
- Independence (64050, 64053, 64054, 64056, 64058)
- Bates City (64011)
- Belton (64012)
- Buckner (64016)
- Harrisonville (64701)
- Holden (64040)
- Kingsville (64061)
- Peculiar (64078)

Saint Luke's East Hospital's market share for each community that comprise the Primary Service Area:

- Lee's Summit – 26.2%
- Greenwood – 22.1%
- Lone Jack – 20.9%
- Pleasant Hill – 16.0%
- Kansas City – 8.4%
- Raymore – 7.0%
- Independence – 6.5%
- Blue Springs – 6.5%
- Grandview – 6.5%
- Grain Valley – 6.5%

- Oak Grove – 5.6%

The following table shows Saint Luke’s East Hospital’s growth in discharges and market share by service line.

	Primary Service Area (zips=25)				Primary & Secondary (zips=47)			
	DISCHARGES		MKT SHARE		DISCHARGES		MKT SHARE	
	FY 2009	FY 2010	FY 2009	FY 2010	FY 2009	FY 2010	FY 2009	FY 2010
IP - Total	4,337	5,152	9.4%	10.6%	5,019	5,985	6.2%	7.1%
IP - Cardiovascular	631	929	11.0%	14.5%	716	1,053	7.1%	9.3%
IP - Neuro	170	252	5.9%	8.2%	203	283	4.1%	5.3%
IP - Women/Children	1,201	1,191	13.4%	13.8%	1,429	1,438	9.6%	10.0%
IP - Cancer	61	73	6.6%	7.2%	75	95	4.4%	5.7%
OP - ED	20,924	20,626	12.4%	12.3%	23,117	23,438	7.5%	7.6%
OP - Surgery	1,308	1,447	2.7%	3.0%	1,514	1,685	2.0%	2.3%
OP - Other Services	13,098	14,691	7.4%	8.2%	14,882	16,688	5.0%	5.5%

Figure 1: Saint Luke’s Health System – Environmental Assessment 2012

In addition to Saint Luke’s East Hospital, the following other hospitals are key providers within the service area.

Lee’s Summit Medical Center (HCA Midwest Health System): 64 beds/private rooms, an emergency department, extensive inpatient and outpatient services and community education.

Centerpoint Medical Center (HCA Midwest Health System): 221 beds/private rooms, a Level II Trauma Center, Chest Pain Center, Orthopedic Services, Cancer Center, Neuroscience Services, Women’s Services with Level III Neonatal ICU and Outpatient Services inclusive of a surgery center and an advanced wound care center.

Research Medical Center (HCA Midwest Health System): 511 bed tertiary care hospital; includes a Level II Trauma Center, a Level III Neonatal ICU, a Cancer Center, a Stroke Center and the Liver and Pancreas Institute.

St. Joseph Medical Center (Carondelet Health): 300 beds, a birthing center, the Carondelet Heart Institute and the Community Center for Health and Education.

St. Mary’s Medical Center (Carondelet Health): 146 bed facility offering women’s health services, Carondelet Heart Institute, home care, joint and spine institute, support groups, surgical services, and well life services, as well as, sleep lab, pain clinic, radiology services, rehabilitation, wound care, and diabetes services.

Truman Medical Center (TMC) – Lakewood (a not-for-profit community hospital): 103 licensed beds plus 212 long term care beds; two family medicine offices. TMC – Lakewood includes an emergency department, Women’s Services and other services inclusive of eye and dental services.

Two Rivers Psychiatric Hospital (private, for-profit): 105-bed treatment facility that serves adolescents, children, adult, and senior populations. The facility offers inpatient, partial and intensive outpatient treatment options. In addition, the hospital provides transportation to the facility within an approximate 20 mile radius.

In 2010, Saint Luke's East Hospital had 10.6% market share (as measured by discharges) for the Primary Service Area, increasing from 9.4% in 2009. Other hospitals in the Primary Service Area had the following market shares in 2010:

Saint Luke's East – 10.6%

Lee's Summit Medical Center – 5.5%

Truman Medical Center - Lakewood – 6.3%

St. Mary's Medical Center – 7.0%

St. Joseph Medical Center – 7.2%

Research Medical Center – 7.8%

Centerpoint Medical Center – 15.7%

Other notable health care providers in the community include:

John Knox Village – a 1,400 unit Continuing Care Retirement Community (CCRC) which includes independent and assisted living as well as a 430 bed skilled nursing facility and hospice services.

Rediscover Mental Health - a nonprofit community mental health agency that offers a full spectrum of programs and services related to mental illness and/or substance abuse.

One of the primary communities served by Saint Luke's East Hospital is the city of Lee's Summit. Lee's Summit is the sixth most populated city in the state of Missouri. The population grew 29.2% from 2002 to 2010. This compares with Kansas City's growth of 4.1% and Missouri's growth of 7% within the same time frame. Figure 2 shows population of all of the individual communities in 2009. Figure 3 represents the growth of the primary and secondary service areas from 2009 to 2011.

Major employers in Lee's Summit (and the number of associated employees) include Lee's Summit School District (2,603), National Benefits Center (1,325), Truman Medical Center (1,300), AT&T (1,146) and John Knox Village (1,035). These top five employers represent 7,409 employees.

Total Population 2009

**Saint Luke's East- Lee's Summit
Primary & Secondary Services Area
Z=26**

- Blue Springs- 60,327
- Lee's Summit- 97,174
- Raymore- 20,679
- Belton - 28,604
- Greenwood - 7,036
- Peculiar- 9,773
- Grain Valley- 14,500
- Oak Grove- 10,541
- Lone Jack- 3,173
- Kingsville- 2,928
- Holden - 6,584
- Grandview- 23,853
- Harrisonville- 14,809
- Pleasant Hill- 12,174

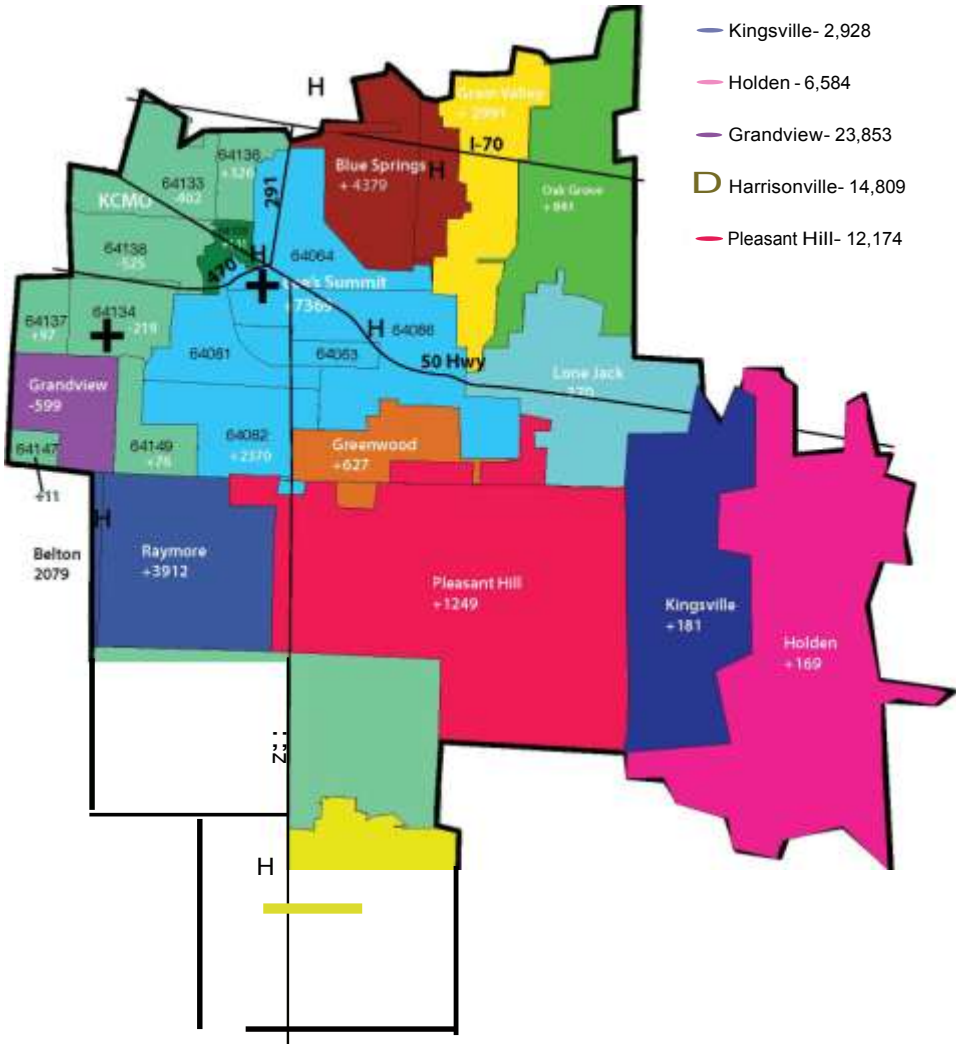


Figure 2: HIDI Census Data/Zipskinny.com

Saint Luke's East Hospital
Primary & Secondary
Service Area 2011



Figure 3: HIDI Census Data/Zipskinny.com

VI. Demographic Profile

a) Population Characteristics

The population of the Total (Primary and Secondary) Service Areas in 2010 was estimated at 662,053. The Primary Service Area represented 62% of this overall population, while the Secondary Service Area represented 38%. Over the next five years, the population of the Total Service Area is expected to grow by approximately 14,000 individuals, or by 2.0%. The Secondary Service Area is projected to decline by approximately 1%; whereas the Primary Service Area is projected to have a growth rate of approximately 1%. For comparison, Jackson County is projected to grow by 0.01% over the next five years, while Cass County is projected to grow .08%.

From a gender perspective, females comprise 52% of the population while males comprise 48%.

b) Age Profile

The age mix of the Total Service Area is comparable to the overall national age mix, though the 0-17 population is slightly larger than the national average while the 18-44 population is slightly smaller. Although projections are not available for the Total Service Area, it is anticipated that the Total Service Area could see a change in the 65+ category over the next decade comparable to the 3% increase anticipated for the national population.

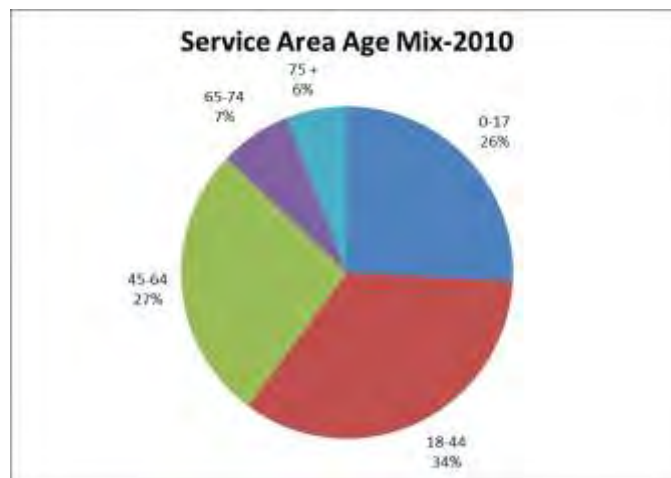


Figure 4: HIDI Census Data

	Total Service Area 2010	National 2010	National 2020
0-17	26%	24%	24%
18-44	34%	37%	35%
45-64	27%	26%	25%
65+	13%	13%	16%

Figure 5: HIDI Census Data

The age profiles of the Primary and Secondary Service Areas are comparable. Overall, the median age within the Total Service Area is 37. Within the Primary Service Area, the median age is 39 while within the Secondary Service Area, the median age is 35.

c) Ethnic Profile

Four out of five individuals in the Total Service Area are Caucasian. African Americans comprise one out of ten individuals. The ethnic mix of the Primary and Secondary Service areas are comparable. For comparison, Jackson County is 65.9% Caucasian, 8.2% Hispanic and 22.4% African American. Cass County is 89.8% Caucasian, 3.8% Hispanic and 3.9% African American.

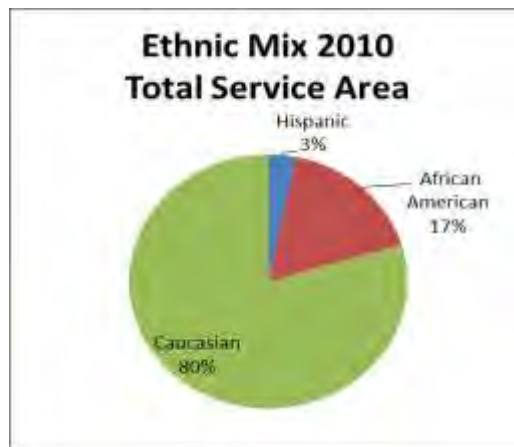


Figure 6: HIDI Census Data

d) Income, Education & Employment

The following are key statistics related to income, education and employment within the service areas for 2010.

	\$\$ Per Capita	% College Educated	Unemployment
Primary	\$27, 223	25.1%	2.5%
Secondary	\$21, 349	17.4%	4.1%

Figure 7: HIDI Census Data

The primary service area has significantly higher (about 28%) per capita income and significantly more individuals that have a college education (about 8%).

e) Household Makeup

There were roughly 262,758 households in the Total Service Area in 2010 with 2.51 individuals per household. The individual per household figure is projected to decline slightly to 2.48 individuals per household by 2015. However, with this change and the anticipated population growth in the area, the number of households is projected to increase by roughly 9,000, or by 3.4%. The majority of the growth in households is projected to come from the Primary Service Area.

The number of households with income of greater than \$50,000 is roughly 130,000, representing approximately 50% of households. The Primary Service Area represents a higher income population with 55% of households earning an income of \$50,000+ compared to 40% in the Secondary Service Area.

f) Insurance Coverage

Insurance coverage statistics are available for the Total Service Area in 2009. Additionally, insurance coverage projections are available for 2014.

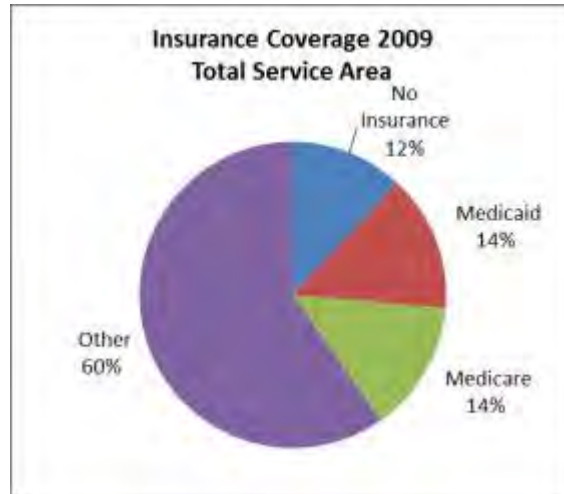


Figure 8: HIDI Census Data

The projections indicate that the number of individuals without insurance will decrease minimally (.28%) over the period. The number of individuals on Medicaid will also decrease by a similar percentage (.17%). However, the number of individuals covered by Medicare is anticipated to increase by 1.58%, comparable to the anticipated increase of the 65+ population.

Key Demographic Data by County

The following table summarizes demographic data for the primary counties served by Saint Luke's East Hospital.

Population Demographics by County

Year 2010 Statistics

	Jackson (Z=39)	Cass (Z=5)	Johnson (Z=2)	Lafayette (Z=1)
TOTAL POPULATION – 2010	561,894	89,994	9,284	3,791
TOTAL POPULATION – 2015	568,157	94,507	9,387	3,896
AGE 00-17	145,344	22,630	2,182	878
AGE 18-44	190,780	31,931	3,167	1,297
AGE 45-64	152,243	22,164	2,584	1,152
AGE 65+	73,617	10,269	1,351	464
5 YR POP CHANGE (2010-2015)	1%	9%	1%	2%
Actual 5YR Pop change	6,173	7,513	103	105
AVG PER CAPITA INCOME	\$24,283	\$25,981	\$23,861	\$25,854
NO INSURANCE ## (2009)	72,439	5,711	1,040	266
NO INSURANCE - % (2009)	10.94%	0.86%	0.16%	0.04%
Total Females	292,575	44,352	4,628	1,847
Females 18 – 44 (only)	97,427	16,096	1,534	642
TOTAL HOUSEHOLDS	225,848	31,969	3,560	1,381
Same House 5+ years	53.6%	52.6%	58.9%	50.9%
ETHNIC MIX:				
% CAUCASIAN	75.0%	94.5%	96.2%	96.0%
% HISPANIC	3.3%	2.0%	1.0%	1.2%
% AFRICAN AMERICAN	18.6%	1.3%	0.7%	0.2%

Figure 9: HIDI Census Data

Jackson County = 39 Zip Codes

Cass County = 5 Zip Codes

Johnson County = 2 Zip Codes

Lafayette = 1 Zip Code

VII. Health Status Indicators

Cass and Jackson Counties Community Health Profile 2012

	Cass	Jackson	Target Value ¹	Missouri	Data Source	Year
Cigarette Smoking	22%			20%	MOD-iSS O>rrruny Clta Profiles	2007
Obesity	29%	28%		29%	MOD-iSS O>rrruny Clta Profiles	2007
Physical Inactivity				25%	MOD-iSS O>rrruny Clta Profiles	2007
Diabetes Prevalence	7%	12%		8%	MOD-iSS O>rrruny Clta Profiles	2007
High Blood Pressure	15%	18%		20%	MOD-iSS O>rrruny Clta Profiles	2007
High Cholesterol		18%		20%	MOD-iSS O>rrruny Clta Profiles	2007
Opioid Abuse Prevalence	7%			8%	MOD-iSS O>rrruny Clta Profiles	2007
Heart Attack Prevalence	37,872**	37,872		197,210	MOD-iSS O>rrruny Clta Profiles	2009
Exposed to Secondhand Smoke at Home	11.3%	16.7%		16.5%	MOD-iSS O>rrruny Clta Profiles	2007
Chlamydia Rate**	223	833	83	422	O>Uly Health Rankings	2008
Binge and Heavy Drinking			8%	17%	O>Uly Health Rankings	2003-2009
Teen Birth Rate (ages 15-19)	36	60	22	45	O>Uly Health Rankings	2001-2007

**KCMetro

	Cass	Jackson	Target Value ¹	Missouri	Data Source	Year
Diabetic Screening		81%	89%	80%	O>Uly Health Rankings	2006-2007
Mammography Screening		64%	74%	62%	O>Uly Health Rankings	2006-2007
Pap Smear Screening		83%		81%	MOD-iSS O>rrruny Clta Profiles	2007
Colonoscopy Screening	57%	63%		60%	MOD-iSS O>rrruny Clta Profiles	2007
No Prenatal Care	0.60%			0.80%	MOD-iSS O>rrruny Clta Profiles	2009
Primary Care Provider Ratio	3,009:1	941:1	631:1	1,015:1	O>Uly Health Rankings	2008
Mental Health Provider Rate	99,281:1	9,869:1		9,561:1	O>Uly Health Rankings	2008

Vital Statistics

	Cass	Jackson	Missouri	Data Source	Year
Births	1,290	10,348	78,849	MO CHSS - Birth MGA	2009
Deaths	810	5,903	54,064	MO CHSS - Death MGA	2009
Total Population	99,478	674,158	5,988,927	U.S. census Bureau	2010

Health Outcomes

	Cass	Jackson	Target Value ¹	Missouri	Data Source	Year
Prenatal Mortality (PLL)	7,272	9,007	5,564	8,043	County Health Ranking	2005-2007
Heart Disease Mortality	156	17,131		176,198	MO ct-SS Cbrrruny Clta Profiles	1998-2008
Deaths Attributed to cardiovascular-Disease	30.9%	28.3%		33.20%	MO ct-SS Cbrrruny Clta Profiles	2009
Motor Vehicle Crash Death Rate**	18	14	12	20	County Health Rankings	2001-2007

Morbidity

	Cass	Jackson	Target Value ¹	Missouri	Data Source	Year
Poor or Fair Health	14%	15%	10%	16%	County Health Rankings	2005-2009
Poor Physical Health in Last 30 Days	3.5	3.4	2.6	3.7	County Health Ranking	2003-2009
Poor Mental Health in Last 30 Days	3.4	3.9	2.3	3.6	County Health Ranking	2003-2009
Low Birth Weight Infant	4.15	4.510		32,390	MO ct-SS Cbrrruny Clta Profiles	2005-2009
Low Birth Weight	6.5%	8.4%	6.0%	8.0%	County Health Ranking	2001-2007
ER Visits: Asthma	413	5,023		29,335	MO ct-SS O>rrruny Clta Profiles	2009
ER Visits: Mental Health	771	10,210		64,689	MO ct-SS Cbrrruny Clta Profiles	2009

Social Determinants

	Cass	Jackson	Target Value ¹	Missouri	Data Source	Year
Uninsured Adults	16%	17%	13%	17%	O>Uly Health Ranking	2007
Children in Poverty	11%	20%	11%	19%	County Health Ranking	2008
Children Eligible for Free Lunch	22%	39%	39%	39%	O>Uly Health Ranking	2006
Unemployed Rate	9.4%	10.2%	5.3%	9.3%	O>Uly Health Ranking	2009
Income Inequality	7%	14%		14%	O>Uly Health Ranking	2008
Inadequate Social Safety Net	16%	22%	14%	20%	O>Uly Health Ranking	2005-2009
Single-Parent Households	26%	41%	20%	32%	County Health Ranking	2005-2009
Median Household Income	61,922	\$47,284		46,847	County Health Ranking	2008
Race/Ethnicity	99,478	574,158		5,988,927	US Census Bureau	2011
White	91,261	451,073		4,958,770	US Census Bureau	2011
Black	3,517	161,367		693,391	US Census Bureau	2011
Other	4,700	61,718		336,766	US Census Bureau	2011
High School Graduates	90%	70%	92%	82%	O>Uly Health Ranking	2006-2007
Senior Disability	62%	61%	68%	60%	O>Uly Health Ranking	2005-2009
Violent Crime Rate	181	939	100	516	County Health Ranking	2006-2008

Community Health Indicators

	Cass	Jackson	Target Value ¹	Missouri	Data Source	Year
Air Pollution-Ozone	5	15	0	7	O>Uly Health Ranking	2006
Access to Healthy Foods	67%	60%	92%	47%	O>Uly Health Ranking	2008
Recreational Facilities**	7	9	17	10	O>Uly Health Ranking	2008

¹ 90th percentile for nation, only 10% of counties have a better value than this
 **Per 100,000 Population

Figure 10

VIII. Key Findings: Secondary Data Sources

In December 2010, the U.S. Department of Health and Human Services (HHS) unveiled Healthy People 2020, the nation's new 10-year goals and objectives for health promotion and disease prevention. Healthy People 2020 is the product of an extensive stakeholder feedback process that is unparalleled in government and health, which aims to decrease the occurrences of preventable diseases. It integrates input from public health and prevention experts, a wide range of federal, state and local government officials, a consortium of more than 2,000 organizations, and the public. More than 8,000 comments were considered in drafting a comprehensive set of Healthy People 2020 objectives.

Key themes of the needs assessment are provided within the context of Healthy People 2020 topics and objectives, as well as other secondary data sources (themes are listed in alphabetical order):

a) Access to Health Services

- Access to health services means the timely use of personal health services to achieve the best health outcomes.
- Access to health care impacts the overall physical, social, and mental health status of an individual. It aids in the prevention of disease and disability, the detection and treatment of health conditions, and it impacts quality of life and life expectancy.
- Access is also the ability to gain entry into the system at an accessible location and be seen by a qualified treatment provider.
- Counties served by Saint Luke's East Hospital include Medically Underserved Areas (MUAs) and Medically Underserved Populations (MUPs):
 - Cass County – no MUAs/MUPs
 - Jackson County – 3 MUAs comprised of 29 census tracts (C.T.s) which represent neighborhoods in metropolitan areas that have homogenous socioeconomic and demographic characteristics and a shortage of personal health services
 - Johnson County – 1 MUA comprised of 2 minor civil divisions (MCDs), Madison and Rose Hill townships, with a shortage of personal health services
 - Lafayette County – 1 MUP comprised of low-income Lafayette County residents with economic barriers to primary medical care services
- In 2001, Unemployment rates in Jackson County were 10.97% higher than the statewide unemployment rate of 9.6%. The poverty rate in Jackson County was 15.3% higher than the statewide poverty rate of 14.6%.
- Relevant health statistics reported in Figure 10 include:
 - Primary care provider rate
 - Mental health provider rate
 - Uninsured adults
 - Children in poverty
 - Unemployment rate
 - Income inequality
 - Single-parent households
 - Prenatal care

b) Colorectal Cancer

- The American Cancer Society reported 40,170 deaths from breast cancer in 2009. The rate for invasive breast cancer in women in the state of Missouri is 114.6 per 100,000 in the population.
- Mammograms play a pivotal role in detecting breast cancer. On average, mammograms will detect between 80 – 90% of the breast cancers in women without symptoms. The American Cancer Society recommends that women receive an annual mammogram beginning at age 40.
- The most recent Community Data Profile from the Missouri Department of Health & Senior Services shows that of women over forty, 32.6% in Cass County and 26% in Jackson County had not had a mammogram in the past year.
- The Community Data Profile also shows that of women over forty, 10.6% in Cass County and 9.2% in Jackson County had never had a mammogram. These are both above the 8.7% overall rate for the state of Missouri.
- 61% and 64% of women in Cass and Jackson Counties, respectively, have had mammograms in the past year. However, the target rate for this measure in the state of Missouri is 74%.
- Factors that contribute to an increased risk of developing breast cancer include postmenopausal obesity, the use of combined estrogen and progestin menopausal hormones, alcohol consumption, and physical inactivity.
- Under PPACA, most people with Medicare can now receive critical preventive services, including certain cancer screenings such as mammograms and colonoscopies, at no cost.
- In the United States, colorectal cancer is the second leading cause of cancer-related deaths for men and women combined with an estimated 141,210 new cases and 49,380 deaths for 2011.
- Both Cass and Jackson counties showed 17.7 deaths per 100,000 for colon cancer compared to 19.1 deaths per 100,000 in the U.S.
- The colonoscopy screening rate in Cass County is 57% while the Jackson County screening rate is 63%. The colonoscopy screening rate in Missouri is 60% overall.
- While the precise cause of colorectal cancers is usually unknown, research is finding that it often involves DNA mutations. Most colorectal cancers involve acquired gene mutation while a smaller portion involves inherited gene mutations.
- According to the American Cancer Society, risk factors for colorectal cancer include:
 - Family history
 - Inflammatory bowel disease
 - Crohn's disease
 - Ulcerative colitis
 - Diabetes
 - Obesity
 - Red meat consumption
 - Processed meat consumption
 - Smoking
 - Alcohol consumption

c) Diabetes

- There exists a need to reduce the disease and economic burden of Diabetes Mellitus (DM) and improve the quality of life for all persons who have, or are at risk for, DM.
- According to the Missouri Department of Health & Senior Services' Community Data Profiles, Jackson County experiences a prevalence rate for diabetes that is 3% higher than the state average.
- Diabetes is the seventh leading cause of death in the United States – lowering life expectancy by up to 15 years, increasing the risk of heart disease by two to four times, and is the leading cause of kidney failure, lower limb amputations, and adult-onset blindness.
- Relevant health statistics for this issue that are reported in Figure 10 include:
 - Adult Obesity
 - Physical Inactivity
 - Diabetes Prevalence
 - Diabetic Screening

d) Educational & Community Based Programs

- Health status and related health behaviors are determined by influences at multiple levels: personal, organizational/institutional, environmental, and policy. Because significant and dynamic interrelationships exist among these different levels of health determinants, educational and community-based programs are most likely to succeed in improving health and wellness when they address influences at all levels and in a variety of environments and settings.
- Education and community-based programs and strategies are designed to reach people outside of traditional health care settings using existing social structures. These settings may include:
 - Schools
 - Worksites
 - Health care facilities
 - Communities
- Nearly all health statistics included in Figure 10 are relevant to the focus of educational and community-based programs.

e) Behavioral Health & Substance Abuse

- In Missouri about 223,000 adults and 65,000 children live with serious mental health illness or conditions.
- In 2008, Jackson County reported 3 Community Mental Health Centers (CMHC) and 5 Federally Qualified Health Centers (FQHC); whereas Cass County reported none.
- In 2008, there were 7,921 hospital discharges for mental health conditions in Jackson County and 843 in Cass County.
- Jackson County has a Mental Health Levy, which allocates about \$11 million annually for indigent mental healthcare.
- Alcohol and Substance Abuse
 - In the Northwest Missouri region 7.74% of residents age 12 and over use illegal drugs; whereas 7.98 % are abusing alcohol

- In Jackson County there were 754 alcohol-related crashes and in Cass County there were 83 alcohol-related crashes
- Depression
 - In the Northwest Missouri region 8.66% had major depressive episodes in the last year and 13.97% reported psychological distress and the most common mental illness diagnosed were mood disorders.
 - A recent study based on National Health Interview Survey data found that depression for patients with chronic medical conditions ranged from 7.9% to 17% compared with 4.8% for those with no comorbid medical conditions
 - Depression has been shown to triple the risk of noncompliance with medical treatment regimens/adherence to medications.
 - Patients after an acute myocardial infarction are 3 times more likely to experience depression than the general community. Patients hospitalized for unstable angina, angioplasty, bypass surgery and valve surgery show similar results.
 - Behaviors associated with diet, exercise, medication adherence and tobacco use found in depressed patients contribute significantly to the development and progression of coronary disease.
 - According to the National Institutes of Health, diabetes doubles the risk of depression compared to those without diabetes. As complications of diabetes worsen the chance for having depression increases.
 - It is estimated that 15-20% of people with diabetes have a moderate or severe form of depression.
 - Behavior-focused diabetes programs have been successful in helping people improve their metabolic control, increase fitness levels, manage weight loss and other cardiovascular disease risk factors.

f) Nutrition & Weight Status

- There exists a need to promote health and reduce chronic disease risk through the consumption of healthful diets and achievement and maintenance of healthy body weights.
- A healthful diet helps Americans reduce their risks for many health conditions, including obesity, malnutrition, heart disease, oral disease, some cancers, and a variety of other health related issues.
- Relevant health statistics that are reported in Figure 10 include:
 - Poor or fair health
 - Poor physical health days
 - Adult obesity
 - Physical inactivity
 - Diabetes prevalence
 - High blood pressure
 - High cholesterol
 - Inadequate social support
 - Access to healthy foods
 - Access to recreational facilities

g) Tobacco Use

- Tobacco use is the single most preventable cause of death and disease in the United States, accounting for approximately 443,000 deaths, or 1 of every 5 deaths, in the United States each year.
- There exists a need to reduce illness, disability, and death related to tobacco use and secondhand smoke exposure. It is well documented that tobacco use causes:
 - Cancer
 - Heart disease
 - Lung diseases (including emphysema, bronchitis, and chronic airway obstruction)
 - Premature birth, low birth weight, stillbirth, and infant death
- In FY 2010, the state of Missouri ranked 48th among the states in funding tobacco prevention and cessation programs, according to the Centers for Disease Control and Prevention (CDC).
- Missouri has the fourth highest smoking rate in the nation and the state spends nearly \$2 billion a year to treat smoking related illnesses.
- Relevant health statistics include:
 - Cigarette smoking (rates of nearly 1 in 4 adults)
 - Secondhand smoke exposure in the home (Figure 10)
- Currently, 11.3% and 16.7% of residents in Cass and Jackson Counties, respectively, are exposed to secondhand smoke in their home. Secondhand smoke causes heart disease and lung cancer in adults and a number of health problems in infants and children.
- Cancer is the second leading cause of death in Cass and Jackson Counties. Lung cancer is by far the leading cause of cancer deaths among both men and women. More people die of lung cancer than of colon, breast, and prostate cancers combined.
- In the United States, lung cancer is the second most common cancer in men and women.
- Currently, Missouri has the lowest cigarette tax in the country at 17 cents per pack. This is significantly lower than the U.S. average of \$1.46 per pack.
- In FY 2010, the state of Missouri spent \$1.2 million on tobacco prevention. This was only 1.6% of the Centers for Disease Control and Prevention's (CDC) recommended spending of \$73.2 million. According to the CDC, Missouri is receiving \$9.9 million in federal funds dedicated to tobacco prevention and control.
- The CDC reports that California's smoking cessation program has reduced lung and bronchial cancer rates four times faster than the rest of the U.S. and has saved \$86 billion in health care costs, nearly 50 times what the state spent.
- According to Patient Protection and Affordable Care Act (PPACA), insurance plans now must cover preventive care services such smoking cessation counseling without applying co-payment, deductible or coinsurance cost-sharing requirements for those services.

IX. Key Findings: Primary Data Sources (Community Interview

Summaries) The following is a list of organizations and individuals interviewed for this 2012 Community Health Needs Assessment. Appendix C contains a list of organizations and individuals interviewed during the preliminary data collection phase. Appendix D contains a brief description of each interviewee's special knowledge or expertise.

Public Health and Community Leaders Interviewed - 2012

<u>Organization</u>	<u>Individuals Interviewed</u>	<u>Title</u>	<u>Date</u>	<u>Method</u>
American Cancer Association	Matt Martinek	Regional Director – Health Initiatives, High Plains Division	2/20/12	E-mail
American Diabetes Association	Edana McSweeney	Senior Manager of Programs & Outreach	2/28/12	E-mail
American Heart Association	Ciara O'Brien	Communications Director	2/23/12	E-mail
Cass County Health Department	Tiffany Klassen	Director	2/22/12	E-mail
Goppert-Trinity Family Care	Steve Salakski, MD	Physician	3/18/12	Phone
Independence Health Department	Bridgette Casey	Epidemiologist	2/16/12	In-Person
Lee's Summit Chamber of Commerce	Nancy Bruns	President	2/17/12	E-mail
Lee's Summit Police Department	Major Scott Lyons	Crisis Intervention Team	2/28/12	In-Person
Lee's Summit Human Services Advisory Board	Various Members-See Appendix D	See Appendix E	2/28/12	In-Person
Mental Health America of the Heartland	Susan Crain Lewis, MSSW	President/CEO	4/6/12	Phone
Saint Luke's Health System	Randy House	Vice President – Health Informatics	2/17/12	In-Person
	Liz Cessor	Vice President – Mission & Community Services	2/14/12	In-Person
	Lynsey McNeal	Market Research Analyst/Decision Support	2/17/12	Phone
Shared Care Free Clinic of Jackson County	Bridget McCandless	Medical Director	2/13/12	Phone

The following themes and observations emerged from the public health and community member interviews (themes and observations are listed in alphabetical order):

- **Cancer Prevention and Early Detection:**
 - Tobacco Use
 - Increase availability of smoking cessation programs
 - Cancer Screening (breast and colon)
 - Early Detection Education (breast and colon cancer)

- **Enhance Communication between Health Care Professionals and the Public**
 - An area of opportunity would be better communication between the medical community and the business community. There could be an opportunity for discussion of mutual needs and how each other's needs could be better met. This relationship has not been optimized.
 - Communication/Collaboration between organizations
 - Create partnerships between organizations
 - Saint Luke's East Hospital has grown on the outside, but people do not know about resources on inside.
 - The area hospitals need to ensure they can provide appropriate level of interpreter services.

- **Increase Access to Resources:**
 - Transportation/Mobile Services
 - Dental Care
 - Vision Care
 - Lack of inpatient rehabilitation and pediatric services
 - Flu Shot Compliance
 - Increase access/coverage for underinsured/uninsured
 - Uninsured individuals within the service area typically utilize the clinics at Truman Medical Center – Lakewood and the Shared Care Free Clinic of Jackson County located in Independence.
 - No safety net clinic is available for residents of Cass County. However, uninsured patients are seen at Primary Care clinics or Cass Regional Medical Center with payment arrangements available.
 - A key challenges are the availability of specialty care through the safety net clinics, as well as, chronic disease management programs
 - Prescription Medications (access to reasonably priced meds)
 - There is limited clinic coverage in both Grain Valley and Oak Grove (i.e. limited primary care providers)

- **Behavioral Health and Substance Abuse**
 - No Inpatient Adult Behavioral Health Unit at Saint Luke’s East Hospital
 - Mental Illness (especially depression)
 - Alcohol and Drug Abuse
 - Domestic Violence
 - No locked units other than TMC – Lakewood for psychiatric illness
 - Child Abuse
 - Need appropriately trained staff for mental health issues
 - Independence, MO has no domestic abuse, violence, or mental health services
 - Tdap for Postpartum mothers

- **Need for Health Education**
 - Broaden the availability of wellness programs, for example:
 - Diabetes
 - High Blood Pressure
 - General Healthy Lifestyle
 - Obesity/Childhood Obesity
 - Wellness opportunities for employees
 - There should continue to be a high level of focus put on health education, specifically:
 - Nutrition and healthy diets
 - Exercise
 - Senior Health
 - Teaching cardiopulmonary resuscitation (CPR)

X. Information Gaps

Attempts to arrange interviews with representatives from Lee’s Summit Health Education and Advisory Board, Lee’s Summit Medical Center, Mercy and Truth Medical Missions in Raytown, and StandUp Blue Springs were unsuccessful.

XI. Prioritization of Major Themes

After evaluating all of the data collected, community needs were prioritized in order of importance for consideration based on the following metrics to include the hospital's focus, the community's focus, and needs outlined within secondary data sources. The hospital's focus was determined by reviewing the mission and vision of the hospital, market share data, current service available at Saint Luke's East Hospital, and the areas in which the hospital has the ability to influence and create positive change. The community's focus was assessed by analyzing the frequency with which health needs were identified by individual primary sources. Secondary data analysis included, but was not limited to, a review of health status indicators, county health rankings, and the extent to which community needs aligned with Healthy People 2020 objectives. Lastly, in order to more accurately reflect our findings, health needs were categorized by major themes, as opposed to discrete subordinate issues. The following is a rank ordered list of the community health need themes that emerged:

1. Enhance Communication between Health Care Professionals and the Public

- This health need arose during the five interviews. In particular, it was identified by the Lee's Summit Human Services Advisory Board as a pertinent issue in order to meet subsequent health needs. Furthermore, Saint Luke's East Hospital is the largest health care provider in the city of Lee's Summit.
- Community organizations that can help meet this need include:
 - Churches
 - Employers
 - Fitness facilities/community centers
 - Grocery Stores
 - Lee's Summit Chamber of Commerce
 - Lee's Summit Health Services Advisory Board
 - The Historic Neighborhood Group, Lee's Summit
 - Mid-America Regional Council
 - Schools

2. Access to Resources

- This health need was identified by almost all of our primary data sources as well as Healthy People 2020. Based on Saint Luke's East Hospital's wide range of resources available and their market share with regard to inpatient cardiovascular services, inpatient women's and children's services, outpatient emergency department, and other outpatient services, they offer a potential ability to meet this health need.
- There are no safety net clinics in the immediate market area at this time. While the uninsured can get care within the Emergency Departments of the area hospitals, this is sub-optimal for both the uninsured and for healthcare providers within the area.
- Community organizations that can help meet this need include:
 - Cass County Health Department
 - Hope Network
 - Jackson County Health Department
 - Lee's Summit Chamber of Commerce
 - Lee's Summit Parents as Teachers
 - Lee's Summit Social Services

- Mercy and Truth: Medical Missions: Raytown Clinic
- MetroCARE

3. Health Education and Community Based Programs

- This health need was identified by both primary and secondary data sources; however the specific topics of health education varied widely between data sources. Nevertheless, given the wide range of health service expertise offered at Saint Luke’s East Hospital, this organization has many opportunities to pursue education and community based programs.
- The following types of programs would be appropriate based on the morbidity and mortality data and the interview input received:
 - Smoking Cessation Support
 - Emotional Health
 - Career Burnout
 - Stress and Anxiety
 - Work-Life Balance
 - Weight Loss/Diet and Nutrition
 - Exercise Programs
 - Programs for seniors inclusive of physical activity, fall management and safe-driving programs
 - Chronic Disease Self-Management programs
- A second area of focus could be to assess working with key employers and the business community to make the programs outlined above available to area workers.. Partnerships with key employers and the business community (as outlined in prioritization number 1) would help facilitate participation in these programs
- Community organizations that can help meet this need include:
 - Blue Springs Chamber of Commerce
 - Greater Lee’s Summit Healthcare Foundation
 - Independence Health Department
 - Lee’s Summit CARES
 - Lee’s Summit Chamber of Commerce
 - The Shepherd’s Center of Lee’s Summit

4. Cancer Prevention and Early Detection

- These health needs were identified by primary and secondary data sources. It was ranked as a lower priority for St. Luke’s East Hospital due to their current low market share as it pertains to inpatient cancer care and other outpatient services, yet these are areas for growth at the hospital. Furthermore, tobacco use, breast cancer, and colorectal cancer were also identified as major themes among health needs, but can all be addressed by cancer prevention; therefore we have sub-ranked these health needs within the category of cancer prevention.

4A: Tobacco Use

- Tobacco use was ranked first as it is the leading cause of cancer deaths among both men and women. More people die of lung cancer than of colon, breast and prostate cancers combined.

- Research has shown that the harm tobacco use takes on families and communities can be significantly reduced by:
 - Fully funding tobacco control programs.
 - Increasing the price of tobacco products.
 - Enacting comprehensive smoke-free policies.
 - Controlling access to tobacco products.
 - Reducing tobacco advertising and promotion.
 - Implementing anti-tobacco media campaigns.
 - Encouraging and assisting tobacco users to quit
- Given that Missouri has one of the lowest tobacco taxes, community health organizations would be encouraged to increase efforts in promoting a tax increase for cigarettes. Developing partnerships to further this effort has the benefits of:
 - Providing additional funding for a state tobacco prevention and cessation program
 - The CDC show that implementing a \$1.00 tax increase on cigarettes would result in \$338.5 million increase in annual revenue. This revenue could then be used to further local current smoking cessation programs in the state of Missouri

4B: Breast Cancer

- Breast Cancer was ranked second as female breast cancer is more prevalent in Cass and Jackson counties (513 cases) than colorectal cancer (399 cases).

4C: Colorectal Cancer

- There are a variety of screenings that can be used (some more effective than others):
 - Flexible Sigmoidoscopy
 - Colonoscopy
 - Double-Contrast Barium Enema
 - Computed Tomographic Colonography
 - Fecal Occult Blood Test
 - Stool DNA Test
- Community organizations that can help meet these cancer-related health needs include:
 - American Cancer Society
 - Centerpoint Medical Center
 - Lee's Summit CARES
 - Research Medical Center
 - Susan G. Komen for the Cure

5. Diabetes

- Diabetes was identified by both primary and secondary data sources. In addition, community interviews identified diabetes education as a community need that should be addressed. Given the wide range of diabetes and health service expertise offered at SLEH, the hospital has many opportunities to provide diabetes care and education.
- Community organizations that can help meet this need include:
 - American Diabetes Association
 - Kansas City Regional Association of Diabetes Educators (KCRADE)

6. Nutrition and Weight Status

- This health need was more predominant within our secondary data sources and less frequently recognized by primary data sources. However, the Cass County Health Department identified childhood obesity as an area in which health education programs should focus. Health education has been addressed by prioritized ranking number three.
- Community Organizations that can help meet this need include:
 - Blue Springs Parks and Recreation
 - Eastland Community Foundation: Eastland Healthy Lifestyles
 - Lee's Summit Health Education Advisory Board
 - Lee's Summit Parks and Recreation
 - Local YMCAs
 - Mother and Child Health Coalition Overeaters Anonymous Groups
 - StandUp Blue Springs

7. Behavioral Health and Substance Abuse

- This health need was identified by both primary and secondary data sources. Furthermore, Saint Luke's East Hospital ranks second to Centerpoint Medical Center in their market share as it is related to outpatient emergency department usage. This is notable, as emergency departments are often identified as an initial point of access for this patient population, especially in pediatric populations
- Community organizations that can help meet this need include:
 - Lee's Summit CARES
 - Mental Health America of the Heartland
 - National Alliance of Mental Illness of Kansas City
 - Research Medical Center
 - Rediscover Mental Health
 - Truman Medical Center-Lakewood
 - Two Rivers Psychiatric Hospital

XII. Conclusion

This Community Health Needs Assessment report, prepared for Saint Luke's East Hospital, meets the requirements of a CHNA as set out by the IRS within the context of the PPACA guidelines. The requirements were met by identifying the profile information of the community in terms of population characteristics, health status, factors influencing health, current available services, opinions and perspectives from primary data sources, and national, state, and local priorities from secondary data sources.

Upon assessing this data and conducting interviews with community stakeholders, the key findings were identified and researched in order to prioritize community needs that will be utilized to create an implementation plan with input from Saint Luke's East Hospital's executive leadership team. The CHNA will assist in working towards meeting the specific needs of the patient population identified within the Primary and Secondary Service Areas.

XIII. Appendices

Appendix A: Authors

This Community Health Needs Assessment (CHNA) was prepared for Saint Luke's East Hospital by a group of second year graduate students in the Master of Health Services Administration (MHSA) program at the University of Kansas Medical Center (KUMC). This project was their final project as part of their capstone coursework prior to graduation from the MHSA program in 2012. The following is a list and brief description of the students involved in the project:

Julie Hartman

Julie is a full-time student in the MHSA program. She obtained a Bachelor of Arts in Public Relations and Spanish from Kansas State University.

Melissa Knight

Melissa is a full-time student in the MHSA program. She has a Bachelor of Science in Health Information Management from the University of Kansas and is a Registered Health Information Administrator (RHIA).

Sumere Smith

Sumere is a full-time student in the MHSA program. She has a Bachelor of Science in Health Information Management from the University of Kansas and is a Registered Health Information Administrator (RHIA).

Debbie Swinehart

Debbie is a part-time student in the MHSA program and works full-time in the healthcare field.

In addition, a special thanks is given to the class of 2011 MHSA graduates, Becki Carl-Stutz, Steven Fennel, Kristen Perdue, and Andrew Warnes who completed preliminary research, data collection, and written analysis of the CHNA.

Appendix B: References

Community Health Needs Assessment Overview and Purpose

U.S. Government Printing Office (2010). Public Law 111–148—MAR. 23, 2010 124 STAT. 119. <http://www.gpo.gov/fdsys/pkg/PLAW-111publ148/pdf/PLAW-111publ148.pdf>

Veteran's Health Administration. (2011). Summary of IRS Notice 2011-52.

<https://www.vha.com/AboutVHA/PublicPolicy/CommunityBenefit/Documents/VHASummaryIRSNotice2011-52CHNARrequirementsJuly2011.pdf>

Methodology

World Health Organization. (2001). Community Health Needs Assessment: An introductory guide for the family health nurse in Europe. http://www.euro.who.int/_data/assets/pdf_file/0018/102249/E73494.pdf

Employment Data

Major Employers Directory. (n.d.). Retrieved from Lee's Summit Economic Development Council: http://www.leessummit.org/majempdir2.aspx?query_param=All

Age Profile

Population Division. (2008, August 14). Retrieved from US Census Bureau:

http://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=2&cts=1331509089726&ved=0CCgQFjAB&url=http%3A%2F%2Fwww.census.gov%2Fpopulation%2Fwww%2Fprojections%2Ffiles%2Fnation%2Fsummary%2Fnp2008-t3.xls&ei=_jRdT8n-BpP0ggfwjv2hCw&usg=AFQjCNHq_9uiSDKSLnSc8M

Demographics

Percent Distribution of the Projected Population by Selected Age Groups and Sex for the US, Population Division, U.S. Census Bureau, August 14, 2008

Service Area and Market Data Sources: HIDI Census Data / ZIPskinny.com

Health Status Indicators

Vital Statistics

Births and Deaths – obtained from the Missouri Information for Community Assessment (MICA) databases and contain data for the year 2009.

- <http://health.mo.gov/data/mica/BirthMICA/index.html>
- <http://health.mo.gov/data/mica/mica/death.php>

Total Population – acquired from the 2010 U.S. Census Bureau.

- <http://factfinder2.census.gov>

Health Outcomes – Mortality

Heart Disease Mortality Rates – obtained from the Missouri Department of Health & Senior Services' Community Data Profiles.

- <http://health.mo.gov/data/communitydatapfiles/index.html>

Premature Death Rate (Years of Potential Life Lost) and Motor Vehicle Crash Death Rate – data on these two measures are according to the County Health Rankings, collaboration between the Robert Wood Johnson Foundation and the University of Wisconsin Population Health Institute. The data is gathered from a variety of sources and specific references can be found on the individual health measure pages.

- <http://www.countyhealthrankings.org/missouri/cass>
- <http://www.countyhealthrankings.org/missouri/jackson>

Health Outcomes – Morbidity

Low Birth Weight Infant, ER Visits: Asthma and ER Visits: Mental Health – obtained from the 2007 County Level Study conducted by the Missouri Department of Health and Senior Services (DHSS) and was published as part of the Community Data Profiles.

- <http://health.mo.gov/data/CommunityDataProfiles/>

Poor or Fair Health, Poor Physical Health Days, Poor Mental Health Days, and Low Birth Weight – based on information that can be found in the County Health Rankings. The data is gathered from a variety of sources and specific references can be found on the individual health measure pages.

- <http://www.countyhealthrankings.org/missouri/cass>
- <http://www.countyhealthrankings.org/missouri/jackson>

Health Risk Factors

Data on the following health risk factors were retrieved from the 2007 County Level Study conducted by the Missouri DHSS and was published in the Community Data Profiles.

- Cigarette Smoking
- Obesity
- Physical Inactivity
- Diabetes Prevalence
- High Blood Pressure
- High Cholesterol
- Current Asthma Prevalence
- Heart Attack Prevalence
- Exposure to Secondhand Smoke at Home
- <http://health.mo.gov/data/CommunityDataProfiles/>

Data on the following health risk factors were acquired from the County Health Rankings. This data is from a variety of sources and specific references can be found on the individual health measure pages.

- Chlamydia Rate
- Binge and Heavy Drinking
- Teen Birth Rate
 - <http://www.countyhealthrankings.org/missouri/cass>
 - <http://www.countyhealthrankings.org/missouri/jackson>

Health and Preventive Services

The following health and preventive services data is from the County Health Rankings. This data is gathered from a variety of sources and specific references can be found on the individual health measure pages.

- Diabetic Screening
- Mammography Screening
- Primary Care Provider Rate
- Mental Health Provider Rate
 - <http://www.countyhealthrankings.org/missouri/cass>
 - <http://www.countyhealthrankings.org/missouri/jackson>

The following health and preventive services data was retrieved from the 2007 County Level Study conducted by the Missouri DHSS and was published as part of the Community Data Profiles.

- Pap Smear Screening
- Colonoscopy Screening
- No Prenatal Care
 - <http://health.mo.gov/data/CommunityDataProfiles/>

Social Determinants

Data on the following social determinants is based on information collected for the County Health Rankings. The data is gathered from a variety of sources and specific references can be found on the individual health measure pages.

- Uninsured Adults
- Children in Poverty
- Children Eligible for Free Lunch Program
- Unemployment Rate
- Income Inequality
- Inadequate Social Support
- Single-Parent Households
- Median Household Income
- High School Graduates
- Some College
- Violent Crime Rate
 - <http://www.countyhealthrankings.org/missouri/cass>
 - <http://www.countyhealthrankings.org/missouri/jackson>

Race and Ethnicity – from the 2010 U.S. Census Bureau.

- <http://factfinder2.census.gov>

Environmental Determinants

The following environmental determinants data was acquired from the County Health Rankings, which consists of information from various sources. Specific references can be found on the individual health measure pages.

- Air Pollution-Ozone Days
- Access to Health Foods
- Access to Recreational Facilities
- <http://www.countyhealthrankings.org/missouri/cass>
- <http://www.countyhealthrankings.org/missouri/jackson>

Medically Underserved Areas (MUAs) and Populations (MUPs)

Shortage areas were identified through the U.S. Department of Health and Human Services' Health Resources and Services Administration (HRSA) website:

- <http://muafind.hrsa.gov/index.aspx>

Mental Health and Substance Abuse

Zachary Pittsenbarger (2011). Disproportionately Increasing Psychiatric Visits to the Pediatric Emergency Department Among the Underinsured.

<http://aap.confex.com/aap/2011/webprogram/Paper12618.html>

NAMI State Advocacy 2010, State Statistics: Missouri. <http://www.nami.org/ContentManagement/ContentDisplay.cfm?ContentFileID=93504>

Health Data Center of Greater Kansas City (2008). <http://www.kchealthdata.org/>

Jackson County Government. (2008). Mental Health Services. <http://www.jacksongov.org/content/3273/3385/default.aspx>

Missouri Department of Mental Health: Behavioral Health Epidemiology Workgroup (2011). Behavioral Health Profile for Cass County.

http://dmh.mo.gov/ada/countylinks/cass_link.htm.

Missouri Department of Mental Health: Behavioral Health Epidemiology Workgroup (2011). Behavioral Health Profile for Jackson County.

http://dmh.mo.gov/ada/countylinks/jackson_link.htm

Behavioral Diabetes Institute. Breaking Free from Depression and Diabetes: 10 Things You Need To Know and Do (2011). <http://behavioraldiabetesinstitute.org/>

U.S. Department of Health and Human Services: National Institutes of Health: National Institute of Mental Health. Depression and Diabetes (2011). www.nimh.nih.gov/

Egede LF, Neitert PJ and Zheng D (2005). Depression and all-cause and coronary heart disease mortality among adults with and without diabetes. *Diabetes Care*, 28: 1339 – 1345.

Sheps, C. Barr Taylor and Erika Sivarajan Froelicher, Frasure-Smith, Peter G. Kaufmann, François Lespérance, Daniel B. Mark, David S., Judith H. Lichtman, J. Thomas Bigger, Jr, James A. Blumenthal, Nancy (2008). Depression and Coronary Artery Disease. *Circulation: Journal of the American Heart Association*, 118, 1768-1771. Doi: 10.1161/CIRCULATIONAHA.108.190769

Appendix C: Preliminary Interviews

Public Health Leaders Interviewed – Preliminary Data

Organization	Individuals Interviewed	Title
Cass County Health Department	Tiffany Klassen	Director
Jackson County Health Department	Ellen Dorshow-Gordon	Epidemiologist
Lee’s Summit Chamber of Commerce	Nancy Bruns	President
	Mark Dickey	Vice President – Government Relations
Mid-America Regional Council	Jody Denson	Health Planner III
St. Luke’s East – Lee’s Summit	Michelle Kralicek	Physician Relations
St. Luke’s Health System	Randy House	Vice President – Health Informatics
	Liz Cessor	Vice President – Charity Care
	Nancy Seelen	Vice President – Public Affairs
	Lynsey Milner-McNeal	Market Research Analyst/Decision Support

Appendix D: Interviewee Descriptions

Nancy Bruns is the President of the Lee's Summit Chamber of Commerce. She has 25 years of experience in the Chamber profession and is a Certified Chamber Executive (CCE). Additionally, Mrs. Bruns has been involved in many different areas of the community.

Bridgette Casey is an Epidemiologist and Public Health Emergency Response Planner with the City of Independence Health Department. She conducts disease investigations, surveys, and monitors the health status of residents in Independence. Bridgette recently wrote the community health assessment for the City of Independence. She serves on three distinct task forces: the Regional Homeland Security Coordinating Committee Epidemiology Surveillance Isolation Quarantine Task Force, the Plans Task Force and the Risk Communications Task Force. She has earned a Master's degree in Public Health from KU Medical Center and plans to continue her education and receive a Ph.D. in Infectious Disease Epidemiology.

Randy House is the Vice President for the Saint Luke's Health System; he has been responsible for System-wide Health Information Management (HIM) since 2003, and Decision Support and Market/Business Research since 2008. Mr. House received his Bachelors in Psychology and Masters in Business Administration, both from the University of Missouri of Columbia. He has 38 years of health care experience, 32 of which have been with the SLHS. The bulk of his experience and expertise centers on decision support, business planning, operations analysis, and the Baldrige process including being the Health System Category 4 lead (Information & Analysis) since 1995.

Tiffany Klassen is the Health Director of the Cass County Health Department, a position she has held since 2006. Prior to 2006, she was an Environmental Health Specialist II. Furthermore, Ms. Klassen belongs to several professional organizations including the Metropolitan Official Health Agencies of Kansas City Area (MOHAKCA), the Missouri Association of Local Public Health Agencies (Environmental Health Committee Chair; Collaboration Committee), the Kansas City Metro Area Environmental Health Workgroup (Co-Chair), the Public Health Subcommittee of Regional Homeland Security Committee, and ConnectCass (Ex-Officio Board Member).

Susan Crain Lewis is the President and Chief Executive Officer (CEO) of Mental Health America of the Heartland (formerly Mental Health Association of the Heartland), a position she has held for 10 years. Prior to her current role, she was the Senior Vice President of Education and Evaluation for Mental Health American of the Heartland. She has been an adjunct faculty member with the University of Kansas, School of Social Welfare since 2010. Ms. Lewis holds a MSSW in Social Work from The University of Texas Arlington and a B.A. in Sociology from Allegheny College.

Liz Levin is the System Vice President for Charity Management. She is also the Executive Director for Cabot Westside Health Center. Ms. Lewis holds a Bachelor's Degree in Business Administration. Since joining Saint Luke's, Liz's history in healthcare has always had a major focus on charity care. Her responsibilities are in developing policies and procedures that apply to

the provision of charity care while integrating the mission, philosophy and core values of hospitals. Her association with Saint Luke's Health System began after a fifteen year career in healthcare including the Administrator for the Internal Medicine Midwest Medical Group (formerly Columbia HCA).

Major Scott Lyons is the Crisis Intervention Team (CIT) Program Director for the Lee's Summit Police Department. Major Lyons has been a leader in the CIT program for over 10 years, holding positions including CIT officer, CIT coordinator, CIT trainer, and CIT commander. In addition, he has been the Chair of the Mid-American CIT Council and was the co-chair of a statewide CIT Council. In order to become a member of this team, officers undergo a selection process and complete specialized training, which focuses on topics such as mental illness, medication management, suicide, de-escalation techniques, and cultural diversity. The CIT Program facilitates services that are provided to individuals with mental illnesses.

Matt Martinek is the Regional Director of Health Initiatives for the Kansas City/Western MO Region of the American Cancer Society. He specializes in the growth and development of programs and services that assist cancer patients and their caregivers.

Bridget McCandless, MD is the Medical Director of the Shared Care Free Clinic of Jackson County which currently serves 500 uninsured patients with chronic disease needs. Dr. McCandless has special knowledge of the chronic care health needs of high-intensity patients, half of which are diabetic, in SLEH's Total Service Area.

Edana McSweeney is the Senior Manager of Programs and Outreach at the American Diabetes Association. She is involved in various community outreach programs including the summer Camp Planet D program for children with Type 1 Diabetes and coordinating Diabetes education programs across the Kansas City metro area.

Ciara O'Brien Murray is the Communications Director for the American Heart Association, which is devoted to saving people from heart disease. They team with millions of volunteers to fund innovative research, fight for stronger public health policies, and provide lifesaving tools and information to prevent and treat these diseases. The Dallas-based association is the nation's oldest and largest voluntary organization dedicated to fighting heart disease and stroke.

Steve Salanski, MD is a family practice physician and the co-chairperson of the Lee's Summit Health Education Advisory Board. Dr. Salanski received his medical degree from the University of Missouri, Columbia School of Medicine. Dr. Salanski is also the Program Director of Goppert Family Practice Residency Program, involved in quality improvement projects focusing on chronic illness, serves as co-chair for the Center for Practical Bioethics Ethics Committee Consortium, and the President of the Medical Staff at Baptist Lutheran Medical Center. He has also been involved in community based programs such as Livable Streets and "Ready Set Fit."

The Lee's Summit Human Services Advisory Board consists of 14 members appointed by the Mayor and City Council. The members are representatives of organizational alliances, not-for-profit organizations, service agencies, governmental entities, or other groups whose mission and purpose is to meet the community needs of Lee's Summit. The purpose of the board is to

identify, assess, educate, and develop plans related to human services needs of the community, as well as evaluate these plans. The board meets the fourth Tuesday of every month at City Hall.

Appendix E: Lee’s Summit Human Services Advisory Board Members

<u>Organization</u>	<u>Individuals Interviewed</u>	<u>Title</u>
Saint Luke's East Hospital	Karen Traxel	Clinical Systems Analyst
MetroCARE	Alison Wilson	Care Coordinator
DVA Enterprises, Inc.	Deane Seif	President & CEO
Pro Deo Youth Center	Kylie Ewing	Executive Director
Truman Medical Center/Lakewood Counseling	Terry Trafton	Assistant Associate Administrator
United Way of Greater Kansas City	JoAnn Gann	Sr. Area VP Apartment Coordinator for the Lee’s Summit Christian Church
Truman Heritage Habitat and Hillcrest	Lois Belser	Minister
Lee’s Summit Christian Church	Matthew Silvers	Director
Hillcrest Transitional Housing	Cotton Sivils	Executive Director
Lee’s Summit Social Services	Geneva J. High	Administrator
City of Lee’s Summit	Jina Bellamy	Senior Vice Chair
Shepard's Center of Lee’s Summit	Dorothy Willcutt	Program Coordinator
Lee’s Summit CARES	Susan Coffman	Community Director
Lee’s Summit CARES	Roby Little	

Appendix F: Description of Organizations

American Cancer Society

Local Resources for Lee's Summit Area (64086)

- Camps*: Camp Hope is a one week summer camp for children who have or who have had cancer. The camp is held at Camp Adrich, near Great Bend, KS. Eligibility requirements: Campers must have or have had cancer; age range is 7-18; have physician consent; and must be well enough to enjoy the camp experience.
- Support – Breast*: This breast cancer support group for African American women meets once a month to discuss issues important to breast cancer patients and to lend emotional support to one another.
- Wigs – Free or Reduced*: Provides wigs and turbans free of charge to those who have lost their hair due to cancer or cancer treatment.
- Breast Prostheses & Accessories*: The American Cancer Society provides free breast prostheses and mastectomy bras to women who have had a mastectomy. Women who are less than 90 days past surgery must have a doctor's prescription to receive a prosthesis and bra; no prescription is needed for women more than 90 days post surgery.
- Look Good...Feel Better*: A free service that teaches female cancer patients beauty techniques to help restore their appearance and self-image during chemo and radiation. Volunteer beauty professionals lead groups, usually of 6 to 10 women, through practical, hands-on experience. Women learn makeup techniques, skincare, nail care, and options related to hair loss (wigs, turbans, scarves). Each participant receives a free kit of sample size cosmetics for use during and after the workshop.
- Reach to Recovery*: Through face-to-face visits or by phone, Reach to Recovery volunteers give support to people recently diagnosed with breast cancer and people facing a possible diagnosis of breast cancer. Volunteers are trained to give support and up-to-date information, including literature for spouses, children, friends, and other loved ones.
- Road to Recovery*: Provides transportation for cancer patients who are traveling for essential medical care related to a cancer diagnosis. This service is for to cancer patients who have no means of transportation or are unable to drive themselves. Patients must be able to ambulate independently. Service is dependent on availability of drivers in the patient's area.

Retrieved from: <http://www.cancer.org>

Blue Springs Chamber of Commerce

Mission: to promote, develop, facilitate a strong economic environment in which the business community can grow and prosper

- Community Support Division*: helps promote general business, personal development and business influencing events, houses several of the Chamber's educational programs and community events including the annual Fall Fun Festival

Shepherd's Center

- Meets once a week and offers activities to senior citizens; connects senior citizens with the community
- Hosts speakers that include physicians, fitness coordinators, current event specialists

Retrieved from: <http://www.bluespringschamber.com/>

Blue Springs Parks and Recreation

It is the mission of the Blue Springs Parks and Recreation Department to serve the public's well-being by providing quality leisure opportunities through the research, establishment, implementation and maintenance of a comprehensive park, recreation, buildings and grounds system.

Blue Springs has an extensive recreation program for its residents and features a wide variety of leisure opportunities and special events for our youth, adults, and 50-plus senior population, with over 200 activities and events offered annually.

Retrieved from: <http://www.bluespringsgov.com/index.aspx?NID=240>

Centerpoint Medical Center (HCA Midwest Health System)

- A 221 bed Level II Trauma Center
- Services include: Chest Pain Center, Orthopedic Services, Cancer Center, Neuroscience Services, Women's Services with Level III Neonatal ICU and Outpatient Services inclusive of a surgery center and an advanced wound care center.

Retrieved from: <http://www.centerpointmedical.com/>

DSS-MO Dept of Social Services

Provides assistance to children and their parents related to accessing health care

Retrieved from: http://www.dss.mo.gov/pr_health.htm

The Eastland Community Foundation

Energize Eastland – Healthy Lifestyles Initiative has a website that gives nutrition and exercise tips, has 5k run opportunities, trails map, health screenings nearby, communicates them on energizeeastland.org website.

Retrieved from: <http://www.gkccf.org/about/eastland-community-foundation>

Greater Lee's Summit Healthcare Foundation

Formed as a result of a sold local non-profit hospital, scope of the org was expanded to include Lee's Summit and surrounding areas. Foundation has granted more than \$500,000 to a multitude of projects designed to impact the health and well-being of the greater Lee's Summit community.

“Committed to ensuring that education in the medical disciplines is accessible to residents”

Examples of programs they've supported:

- Diabetic education
- Community Mediation program
- “Fatal Vision”-real life simulation of drunk driving

Partners with local charities to fund grants for projects in the areas of:

- Research
- Education Public training programs
- Programs in schools
- Clinics for indigent care
- Equipment
- Services
- Other creative projects as may be presented

Retrieved from: <http://www.lshealthcare.org/>

The HOPE Network- Raytown

Medical & Dental Care

- Hope Network's medical and dental care initiatives are done in partnership with Mercy & Truth Medical Mission
- Provides free or low-cost medical and dental care to the uninsured, underinsured and under-served.
- Mercy & Truth provides all systems, recordkeeping, supervision, medical services and guidance for the clinic
- Hope Network provides volunteers, financial support and works with patients to ensure other needs (proper nutrition, proper hygiene, etc.) are met.

Vision of Hope Food Pantry

- The Vision of Hope Food Pantry obtains food from a host of local providers, including weekly donations from Harvesters. The pantry offers both perishable and non-perishable items and is a "client-choice" pantry, which means individuals and families only receive food they are willing and/or able to eat.

Mobile Food Distribution

- Held on the second Thursday of each month, the Mobile Food Pantry is provided to clients in partnership with Harvesters. Serving well over 10,000 clients and distributing almost 200,000 lbs of food yearly, this program is open to anyone living in the Kansas City area.

Commodity Supplemental Food Program/Seniors Commodity Program

- An income-based program provides a box of nutritionally balanced groceries once a month to qualifying seniors age 60 and over. Recipients must provide proof of their income and meet pre-determined income guidelines at the time of registration.

Retrieved from: <http://www.hopeforraytown.com/>

Jackson County Health Department

The Jackson County Health Department is dedicated to promoting healthy lifestyles by preventing disease, and protecting the environment and community. Since it's establishment it has provided:

- Communicable disease control
- Examination and immunization of school children
- Teaching of home hygiene
- Care of the sick classes
- Health education
- Health screenings
- Senior health care programs

- Smoking cessation

Retrieved from: <http://www.jacohd.org/>

Kansas City Chronic Disease Coalition

The mission of the Kansas City Chronic Disease Coalition is to: “to improve health outcomes for diabetes and cardiovascular disease by promoting access to quality health care, healthy environments, and lifestyles through integrated, affordable, culturally sensitive, and accountable community-based health care and prevention services” (<https://www.myctb.org/wst/KCCDC/default.aspx>)

Retrieved from: <https://www.myctb.org/wst/KCCDC/default.aspx>

Lee’s Summit CARES

Community task force working to combat substance abuse and promote youth safety in Lee’s Summit.

- Have representatives from healthcare organizations, law enforcement, area businesses, churches and civic groups, educators, students, parents.
- Meets regularly to develop and implement community strategies to address the problems:
 - Parenting class
 - Bully prevention
 - Youth advisory board
 - Partnership to prevent risky behaviors
 - Tobacco cessation
 - DARE

Retrieved from: <http://www.lscares.org/>

Lee’s Summit Chamber of Commerce

Committed to providing valuable healthcare-related information to the public.

Health Care Directory: includes contact information for medical services, physicians, dentists and health care related news.

Retrieved from: <http://www.lschamber.com/>

Lee’s Summit Health Education Advisory Board

- Board members consist of twelve citizens
- Board assesses health issues in the community
- Educates the public and appropriate government agencies about identified needs
- Develops plans to address health issues
- Evaluates the effectiveness of said efforts

Retrieved from: <http://cityofls.net/City-of-Lees-Summit/Boards-and-Commissions/Health-Education-Advisory-Board.aspx>

Lee’s Summit Medical Center (HCA Midwest Health System)

- A 64 bed hospital
- Offers an emergency department, as well as, extensive inpatient and outpatient services related to bone and joint care, nervous system conditions, cancer care, digestive system conditions, ear, nose and throat care, heart care, healthy aging, imaging services, kidney

and urinary tract care, pain management, pulmonary and respiratory care, rehabilitation, sleep disorders, stroke care, surgical care, vascular care, women's care

Retrieved from: <http://www.leessummitmedicalcenter.com/>

Lee's Summit Parents as Teachers

- Personal visits** -- regular home visits during which your parent educator will share age-appropriate child development and parenting information, help you learn to observe your child, and address your parenting concerns.
- Parent group meetings** -- which are opportunities to share information about parenting issues and child development. Parents learn and support each other, observe their children with other children and practice parenting skills.
- Screenings** -- children are screened for hearing, vision, language, dental, nutrition, motor, intellectual and social development, to help parents identify any potential concern before it becomes an obstacle to the child's development.
- Resource network** -- that links your family to other community services

Retrieved from: <http://pat.leesummit.k12.mo.us/>

Lee's Summit Parks & Recreation

Lee's Summit Parks and Recreation dedicated to providing quality, comprehensive recreational services and facilities in superb parks. They are committed to serving the needs of their citizens through activities and parks that are representative of the best practices of the profession. They excel in patron service, productive use of resources and community partnerships.

Mission:

- Serving the needs of our citizens through activities and parks that are representative of the best practices of our profession and offering better quality of life.

Retrieved from: <http://cityofls.net/Parks.aspx>

Lee's Summit Social Services

Lee's Summit Social Services was formed for the purpose of helping low income, elderly and/or disabled individuals or families who need emergency assistance.

Emergency Assistance Consists of:

- Food
- Utility Bills
- Rent or Small Home Repairs
- Prescriptions
- Budget Counseling
- School Supplies
- Toiletry Items
- Baby Formula/Food
- Christmas Gifts and Food
- Referrals to other agencies as needed
- Community Store

Retrieved from: <http://www.lsocialservices.com/>

Mental Health providers in the area:

- ReDiscover Mental Health
- Comprehensive Mental Health Services
- Lakewood Mental Health Unit
- Lakewood Counseling Center

MetroCARE

Mission: to improve access to medical care for uninsured patients through volunteerism among health care providers

MetroCARE has recently expanded into Lee's Summit/Eastern Jackson County.

Recently added third Care Coordinator to the program: Alison Wilson

- She now directs patients to primary and subspecialty care out of the new Lee's Summit location
- MetroCARE is now focused on recruiting efforts in Lees Summit and growing the # of volunteer physicians in Eastern Jackson county

Offices connect patients with medical care services they otherwise would not be able to receive:

- Basic preventive care
- Imaging
- Specialty care including MRI, X-rays, infusion treatments, cancer therapies, colonoscopies and outpatient surgery procedures

Retrieved from: <http://www.carekc.org/metrocare-expanding-to-lees-summit/>

Mid-America Regional Council (MARC) & the Uninsured

Another main role: Regional Health Care Initiative: addresses how to provide effective health care for citizens who do not have health insurance.

Its 3 main goals:

1. Developing a virtual health plan among safety net providers
2. Making sure the region is fully utilizing federal and state programs
3. Increasing insurance coverage for those currently uninsured.

Retrieved from: <http://www.marc.org/>

Mid-America Regional Council (MARC) & Transportation:

One of its main roles: provide transportation-planning services, Cass & Jackson Counties are included.

- Work with partners to plan coordinated transportation systems that move people affordably, efficiently and safely.
- Work with committees to establish funding priorities and strategies for managing the region's transportation system.
- Promote transportation choices through supporting public transit, bicycle and pedestrian travel, carpooling and vanpooling.
- Develop plans for long and short-term transportation investments, guide dollars to projects that meet regional and local goals.

Retrieved from: <http://www.marc.org/>

Missouri Department of Health and Senior Services

Bureau of Chronic Disease Control, Diabetes Prevention & Control Program

- Provides health care links and available resources for the public and health professionals via their website:
<http://health.mo.gov/living/healthcondiseases/chronic/diabetes/index.php>

Research Medical Center (HCA Midwest Health System)

- A 511 bed tertiary care hospital
- Offers services including: Level II Trauma Center, a Level III Neonatal ICU, a Cancer Center, a Stroke Center, the Liver and Pancreas Institute, Center for Integrative Therapy, chemical dependence, diabetes care, cancer care, and eating disorders.

Retrieved from: <http://www.researchmedicalcenter.com/>

Safety Net Providers

- Mercy & Truth Medical Mission, Raytown
- Samuel U. Rodgers Independence Dental Clinic
- Jackson County Health Department
- Kansas City Free Health Clinic
- 3 Swope Health clinics - South, Central, Independence
- KCUMB Physician Associates
- Cass County Dental Clinic
- Shared Care Free Clinic of Jackson County
- Samuel Rodgers Health Center
- Hope Family Care Center
- UMKC School of Dentistry Clinic
- Children's Mercy Teen Clinic*
- Children's Mercy Pediatric and Specialty Clinic*
- Children's Mercy South*
- Soon: Children's Mercy East (Independence)*

* Pediatric facilities in the area

Saint Joseph Medical Center (Carondelet Health)

- A 300 bed hospital
- Services include a birthing center, the Carondelet Heart Institute and the Community Center for Health and Education, Well Life program
- Other services include bereavement support, nutrition counseling, dental services, and diabetes services

Retrieved from: <http://www.stjosephkc.com/>

St. Mary's Medical Center (Carondelet Health)

- A 146 bed hospital

- Offers women’s health services, Carondelet Heart Institute, home care, joint and spine institute, support groups, surgical services, and well life services, as well as, sleep lab, pain clinic, radiology services, rehabilitation, wound care, and diabetes services

Retrieved from: <http://www.stmaryskc.com/>

Susan G Komen for the Cure

Community Need

- The Komen Kansas City Affiliate serves a community of more than 2 million people across a 17-county area: over 500,000 are women over the age of 40. Every two years, each Komen for the Cure Affiliate does a comprehensive study of its service area. Komen Kansas City will expand individual’s breast self-awareness beyond looking/feeling only for lumps and address confusion about frequency of screenings. Komen Kansas City will develop a resource that educates the community on breast health services available.

Mobile Mammography

- Through a grant funded by Susan G. Komen for the Cure Greater Kansas City, Saint Luke’s Cancer Institute’s Transportable Mammography Unit provides 1500 mammograms per grant year to women who are uninsured or underinsured in the greater metropolitan area.

Local Support Groups

- African American Women's Breast Cancer Support Group
 - Amy Drewatt - 816- 943-6465
 - Meets 3rd Tuesday of every month from 5:00 PM to 6:30 PM (except July and August).
- No Voice Club
 - 913-432-3277
- American Cancer Society
 - 1120 Pennsylvania Ave Kansas City, MO,
- St. Joseph’s Breast Cancer Survivor Support Group
 - Mary Williams, 816-943-2281
 - 1000 Carondelet Dr., Kansas City, MO 64114
 - Meets the 1st Thursday of every other month at 5:00pm.
- St. Joseph's Look Good Feel Better
 - Mary Williams, 816-668-9503
 - 1000 Carondelet Dr., Kansas City, MO 64114
 - Meets the 3rd Thursday of every month from 1 pm-3 pm.
- St. Luke's Breast Cancer Support Group
 - 816-932-6220
 - 5844 NW Barry Road, Kansas City, MO 64156
 - Meets the 1st Thursday of the month from 6-7:30 pm
- St. Luke's - H.U.G.S. Breast Cancer Support Group
 - 816-880-6727
 - 5844 NW Barry Road, Kansas City, MO 64154
- St. Peregrine Cancer Support Group
 - 7207 Highway 9, Kansas City, MO

Retrieved from: <http://ww5.komen.org/>

Truman Medical Center (TMC) – Lakewood

- A 103 bed not-for-profit community hospital
- Offers 212 long term care beds
- Other services include two family medicine offices, an emergency department, Women's Services and other services inclusive of eye and dental services.

Retrieved from: <http://www.trumed.org/truweb/lw/LW.aspx>

Two Rivers Psychiatric Hospital

- A 105-bed treatment facility
- Provides services for adolescents, children, adult, and senior populations
- The facility offers inpatient, partial and intensive outpatient treatment options.
- The hospital provides transportation to the facility within an approximate 20 mile radius.

Retrieved from: <http://www.tworivershospital.com/>