

2013

CHRISTUS Dubuis Hospital of Alexandria

Community Health Needs Assessment



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EXECUTIVE SUMMARY

Long term acute care hospitals meet a need within the community of those patients who require acute care, but require the service for an extended period of time. Many of these patients are referred directly from an intensive care unit or may be admitted directly to the facility when requiring extensive and extended acute care services. These patients clearly require extended complex medical care that is not typical for (nor reimbursed within) short term acute care hospitals.

The majority of patients who come to long term acute care are elderly (greater than 65 years of age) and meet the same requirements for short term acute care. At the present time, the only differentiator is the amount of time that will be required in the acute care setting and this is usually determined by the complexity of the patient.

CHRISTUS Dubuis Hospital of Alexandria is located within CHRISTUS St. Frances Cabrini Hospital (host hospital), serves the same population, and is owned by the same parent company; therefore the hospital reviewed the Community Health Needs Assessment conducted by CHRISTUS St. Frances Cabrini Hospital to understand community health needs for the region. CHRISTUS Dubuis Hospital of Alexandria also met with community members in validating the information from the host hospital's community health needs assessment and also for prioritizing the needs. Some of the community members included the director of the regional American Heart Association, a local dietician, a social worker who is a community activist and hospice team member and hospital staff.

The CHRISTUS Continuing Care Board Directors approved this methodology for meeting the requirement for Community Health Needs Assessment on September 27, 2013

Annual community benefit plans for CHRISTUS Dubuis Hospital of Alexandria will be developed based on the CHRISTUS St. Frances Cabrini Hospital community health needs assessment and within the scope of services permitted as a licensed long term acute care hospital.

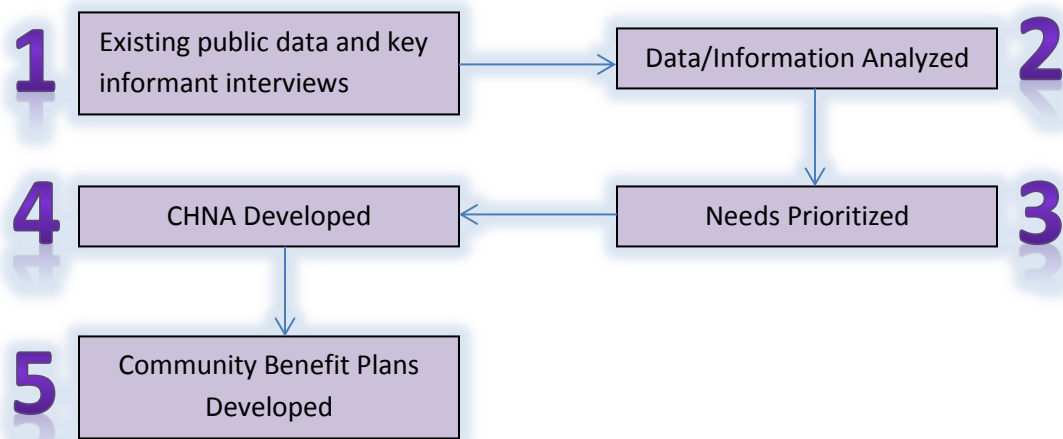
Purpose

This community needs assessment was developed for the purposes outlined below:

- To ensure that the mission of the organization is extended in the service area defined as it relates to improving the health care needs in the community.
- To identify areas of focus that exists in the community as they relate to health care and within the scope of service of the facility.
- To ensure the facility is in compliance with the required standards under the Patient Protection and Affordable Care Act of 2010.
- To ensure the health care needs of individuals in the community are met with the assistance of other health care providers, and to eliminate the possibility of duplicative services.

Process

In developing the community health needs assessment, CHRISTUS Dubuis Hospital of Alexandria reviewed the assessment performed by St. Frances Cabrini Hospital, met with community members, validated the data and prioritized the needs. Based on the community health needs assessment, annual community benefit plans will be developed to address priorities and community needs in accordance with the limited services provided by long term acute care hospitals.



Heritage

CHRISTUS Health is sponsored by the Sisters of Charity of the Incarnate Word in Houston and the Sisters of Charity of the Incarnate Word in San Antonio who were founded more than 140 years ago in response to Bishop Claude Marie Dubuis' call: "Our Lord Jesus Christ, suffering in the persons of a multitude of sick and infirm of every kind, seeks relief at your hands."

Mission

To extend the healing ministry of Jesus CHRISTUS HEALTH

Vision

CHRISTUS Health, a Catholic Health Ministry, will be a leader, a partner and an advocate in the creation of innovative health and wellness solutions that improve the lives of individuals and communities so that all may experience God's healing presence and love.

Values

Dignity

Respect for the worth of every person, recognition and commitment with respect to the values of diverse individuals and perspectives and special concern for the poor and underserved

Integrity

Honesty, justice, and consistency in all relationships

Excellence

High standards of service and performance

Compassion

Service in a spirit of empathy, love and concern

Stewardship

Service in a spirit of empathy, love and concern

Organizational Description

CHRISTUS Dubuis Health System, a non-profit long term acute care hospital (LTACH) system sponsored by CHRISTUS Health provides care to patients who require acute care over an extended period of time. Our dedicated staff provides specialty care that is tailored to the individual needs of every patient, resulting in excellent clinical outcomes. CHRISTUS Dubuis provides management services for several long term acute care hospitals that independently benefit from associating with a strong faith-based healthcare system.

The hospitals within the CHRISTUS Dubuis Health System are dedicated to providing the highest quality, compassionate care to our patients and families we are privileged to serve. Our dedication is evident by our quality indicators, which exceed national averages in key clinical areas and in our patient satisfaction scores, which are nationally recognized.

CHRISTUS Dubuis Hospital of Alexandria is located within the host facility, CHRISTUS St. Frances Cabrini Hospital which has consistently been recognized as a high-quality health care provider for the more than 400,000 residents of central Louisiana. CHRISTUS Dubuis Hospital of Alexandria opened in December 1993 as a 25 bed facility to provide care to medically complex patients.

Due to the nature of the long term acute care industry and the regulatory bodies that oversee and govern the types of services that are provided, the hospital has a limited scope of service and is subject to penalties if serving patients that do not meet the strict requirements for admission. The hospital only provides inpatient acute care services to patients whose length of stay exceeds 25 days and fall into a limited number of diagnoses.

Long term acute care hospitals meet several bodies of rules and regulations in order to operate. These facilities are subject to the same standards for any hospital as outlined by the Centers for Medicare and Medicaid; they comply with respective state rules and regulations for hospitals (most states have additional requirements for hospitals located within other hospitals); they are subject to the local Quality Improvement Organization; and most meet the requirements of The Joint Commission.

CHRISTUS Dubuis Alexandria Services

The hospital currently provides services and programs to residents in the service area that target care for those patients requiring acute care services for an extended period of time. The services provided will help to meet needs that have been identified through the community health needs assessment. These patients require extended acute care hospitalization with specialty programs focusing on ventilator dependency, wound care, and rehabilitation.

Services provided by CHRISTUS Dubuis Hospital of Alexandria include, but are not limited to, the following:

- 24-hour nursing care
- Acute and post-ICU medical care
- Ventilator care and weaning with 24-hour respiratory care
- Wound care
- Comprehensive inpatient physical, occupational, and speech rehabilitation
- Cardiac monitoring
- IV therapy
- Blood transfusions
- Dialysis
- Therapeutic nutritional support
- Pain management
- Case management
- Social work services
- Patient and family education.

Service Area/Community Served

CHRISTUS Dubuis Hospital of Alexandria primarily serves Rapides Parish but also the contiguous parishes of Avoyelles and Grant. Based on the 2010 US Census, these parishes had a population of approximately 195,754. Approximately 14.26% of the population was greater than the age of 65 and 19.62% were below the poverty level.

The breakdown of the population statistics (based on 2010 Census) by parish is as follows:

Parish	Population	Over 65	Below Poverty Level
Avoyelles	42,073	15.1%	23.9%
Grant	22,068	13%	16.4%
Rapides	131,613	14.2%	18.8%



Parish Rankings

Avoyelles Parish

	Avoyelles	Error Margin	Louisiana	National Benchmark*	Trend	Rank (of 64)
Health Outcomes						44
Mortality						40
Premature death	10,346	9,286-11,407	9,555	5,317		
Morbidity						51
Poor or fair health	26%	20-32%	20%	10%		
Poor physical health days	4.7	3.6-5.7	3.8	2.6		
Poor mental health days	3.5	2.4-4.6	3.3	2.3		
Low birthweight	11.4%	10.5-12.4%	11.0%	6.0%		
Health Factors						51
Health Behaviors						58
Adult smoking	25%	20-32%	22%	13%		
Adult obesity	37%	32-42%	33%	25%		
Physical inactivity	37%	32-42%	30%	21%		
Excessive drinking	13%	9-18%	15%	7%		
Motor vehicle crash death rate	29	23-36	20	10		
Sexually transmitted infections	316		642	92		
Teen birth rate	75	70-80	52	21		
Clinical Care						40
Uninsured	20%	18-22%	21%	11%		
Primary care physicians**	2,477:1		1,608:1	1,067:1		
Dentists**	5,050:1		2,226:1	1,516:1		
Preventable hospital stays	135	125-145	92	47		
Diabetic screening	82%	75-89%	81%	90%		
Mammography screening	56%	48-63%	62%	73%		
Social & Economic Factors						49
High school graduation**	62%		71%			
Some college	37%	32-42%	53%	70%		

	Avoyelles	Error Margin	Louisiana	National Benchmark*	Trend	Rank (of 64)
Unemployment	8.3%		7.3%	5.0%		
Children in poverty	34%	26-43%	29%	14%		
Inadequate social support	23%	18-29%	23%	14%		
Children in single-parent households	48%	42-54%	42%	20%		
Violent crime rate	474		616	66		
Physical Environment						47
Daily fine particulate matter	10.8	10.7-10.9	10.8	8.8		
Drinking water safety	4%		13%	0%		
Access to recreational facilities	2		9	16		
Limited access to healthy foods**	11%		10%	1%		
Fast food restaurants	65%		52%	27%		

Grant Parish

	Grant	Error Margin	Louisiana	National Benchmark*	Trend	Rank (of 64)
Health Outcomes						38
Mortality						24
Premature death	9,460	8,003-10,918	9,555	5,317		
Morbidity						53
Poor or fair health	27%	20-35%	20%	10%		
Poor physical health days	5.8	4.3-7.4	3.8	2.6		
Poor mental health days	4.4	3.0-5.8	3.3	2.3		
Low birthweight	9.2%	7.9-10.6%	11.0%	6.0%		
Health Factors						35
Health Behaviors						55
Adult smoking	32%	24-40%	22%	13%		
Adult obesity	32%	26-38%	33%	25%		
Physical inactivity	33%	27-39%	30%	21%		
Excessive drinking	12%	8-19%	15%	7%		
Motor vehicle crash death rate	28	20-37	20	10		
Sexually transmitted infections	157		642	92		
Teen birth rate	70	62-78	52	21		
Clinical Care						43
Uninsured	21%	19-23%	21%	11%		
Primary care physicians**	7,445:1		1,608:1	1,067:1		
Dentists**	25,272:1		2,226:1	1,516:1		
Preventable hospital stays	96	82-109	92	47		
Diabetic screening	80%	71-90%	81%	90%		
Mammography screening	60%	49-70%	62%	73%		
Social & Economic Factors						18
High school graduation**	79%		71%			
Some college	39%	34-44%	53%	70%		
Unemployment	7.3%		7.3%	5.0%		
Children in poverty	28%	21-36%	29%	14%		

	Grant	Error Margin	Louisiana	National Benchmark*	Trend	Rank (of 64)
Inadequate social support	25%	18-33%	23%	14%		
Children in single-parent households	32%	26-37%	42%	20%		
Violent crime rate	100		616	66		
Physical Environment						55
Daily fine particulate matter	10.9	10.8-11.0	10.8	8.8		
Drinking water safety	24%		13%	0%		
Access to recreational facilities	0		9	16		
Limited access to healthy foods**	8%		10%	1%		
Fast food restaurants	67%		52%	27%		

Rapides Parish

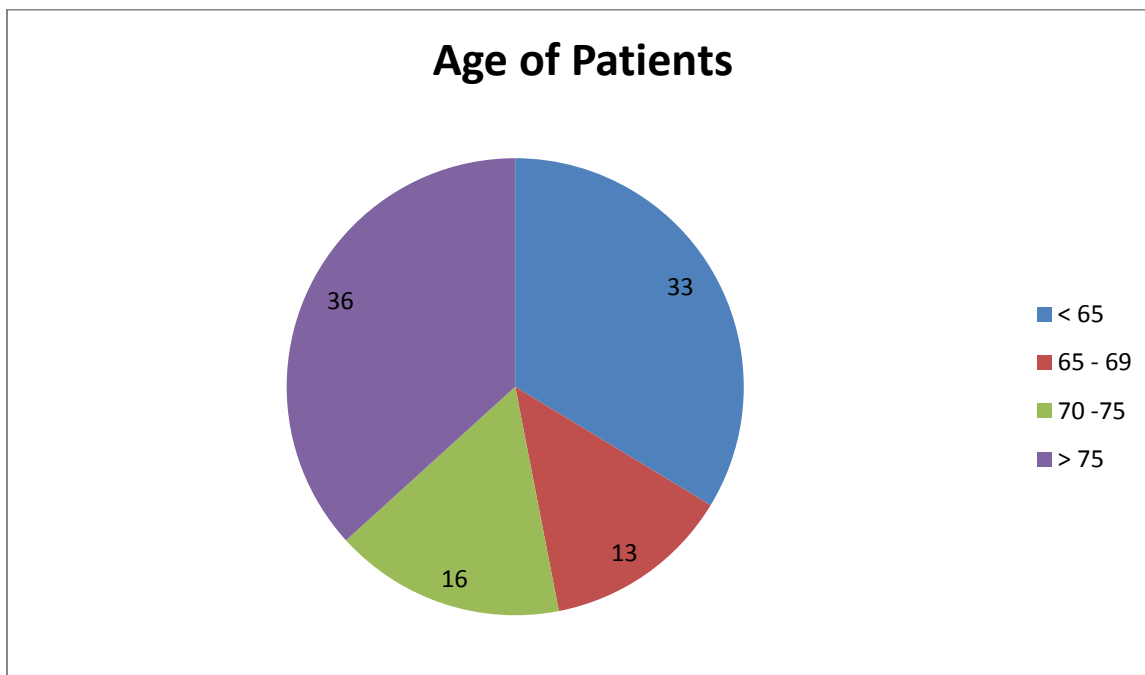
	Rapides	Error Margin	Louisiana	National Benchmark*	Trend	Rank (of 64)
Health Outcomes						31
Mortality						39
Premature death	10,284	9,660-10,907	9,555	5,317		
Morbidity						24
Poor or fair health	21%	19-24%	20%	10%		
Poor physical health days	3.9	3.5-4.4	3.8	2.6		
Poor mental health days	3.5	2.9-4.2	3.3	2.3		
Low birthweight	10.6%	10.1-11.2%	11.0%	6.0%		
Health Factors						17
Health Behaviors						17
Adult smoking	23%	20-26%	22%	13%		
Adult obesity	33%	30-36%	33%	25%		
Physical inactivity	31%	28-34%	30%	21%		
Excessive drinking	11%	9-14%	15%	7%		
Motor vehicle crash death rate	18	16-21	20	10		
Sexually transmitted infections	787		642	92		
Teen birth rate	60	57-63	52	21		
Clinical Care						7
Uninsured	20%	18-21%	21%	11%		
Primary care physicians**	1,209:1		1,608:1	1,067:1		
Dentists**	2,271:1		2,226:1	1,516:1		
Preventable hospital stays	74	70-79	92	47		
Diabetic screening	82%	78-86%	81%	90%		
Mammography screening	64%	60-69%	62%	73%		
Social & Economic Factors						29
High school graduation**	68%		71%			
Some college	51%	48-54%	53%	70%		
Unemployment	7.1%		7.3%	5.0%		
Children in poverty	32%	27-37%	29%	14%		

	Rapides	Error Margin	Louisiana	National Benchmark*	Trend	Rank (of 64)
Inadequate social support	21%	18-24%	23%	14%		
Children in single-parent households	41%	38-45%	42%	20%		
Violent crime rate	795		616	66		
Physical Environment						37
Daily fine particulate matter	10.6	10.6-10.7	10.8	8.8		
Drinking water safety	18%		13%	0%		
Access to recreational facilities	8		9	16		
Limited access to healthy foods**	15%		10%	1%		
Fast food restaurants	57%		52%	27%		

Age Analysis

Based on CHRISTUS Dubuis Hospital of Alexandria admissions, the following chart provides a breakdown of the age of the patients served. Since the majority of patients are elderly, with an average age of 69, the focus of the community health needs assessment is based on serving patients in this population.

> 65	33%
65 – 69	15%
70 – 75	16%
< 75	36%



Licensed Hospitals in Service Area

Parish	Facility Name	City	Type	Beds
Avoyelles	Avoyelles Hospital	Marksville	Acute Hospital	51
	Bunkie General Hospital	Bunkie	Acute Hospital	25
Grant	No Hospitals in Parish			
Rapides	Alexandria VA Health Care System	Pineville	Acute Hospital	132
	Central Louisiana State Hospital	Pineville	Psych	196
	Central Louisiana Surgical Hospital	Alexandria	Acute Hospital	24
	CHRISTUS St. Frances Cabrini Hospital	Alexandria	Acute Hospital	246
	Crossroads Regional Hospital	Alexandria	Psych	68
	Dubuis Hospital of Alexandria	Alexandria	Long Term Acute Hospital	25
	HealthSouth Rehabilitation Hospital	Alexandria	Rehab Hospital	47
	Huey P. Long Medical Center	Pineville	Acute Hospital	137
	Oceans Behavioral Hospital of Alexandria	Alexandria	Psych	24
	Rapides Regional Medical Center	Alexandria	Acute Hospital	314
	Riverside Hospital of La.	Alexandria	Long Term Acute	28

Community Health Needs Identified

Based on the community health needs assessment conducted on behalf of the host hospital, and the interviews with key community members, the following community health needs were identified as primary areas of focus for the service area.

1. Mental Health & Mental Disorders – there is a decreased number of services available with the closure of Huey P. Long Medical Center and decreased access to Central State Hospital.
2. Nutrition, Physical Activity & Weight – this was an issue identified by both the Cabrini Community Health Needs Assessment as well as the interviews with community members. Other health issues are the result of poor nutrition, physical activity and obesity.
 - a. Heart Disease & Stroke – many of the issues related to heart disease are preventable with proper nutrition and physical activity.
 - b. Diabetes – also many of these issues can be averted with proper nutrition and exercise. This is also an issue related to the cost of healthy food versus unhealthy food. Fast food is quicker, easier, and less costly.
3. Access to Health Services – this is also attributed to the closure of Huey P. Long as it relates to those individuals who lack insurance.
4. Maternal, Infant & Child Health
5. Tobacco Use
6. Dementias
7. Cancer
8. Substance Abuse

The assessment also identified the following as community health needs, which were not considered priority, but existed within the community.

1. Chronic Disabling Conditions
2. Chronic Kidney Disease
3. Injury & Violence Prevention
4. Respiratory Diseases
5. HIV

Areas of Focus

The two areas of focus for Dubuis Hospital of Alexandria will be in the areas related to heart disease and diabetes. Plans will be developed to address these two populations in an effort to

improve the health of individuals as well as preventative measures identified to keep these populations healthy.