

St. Catherine of Siena Medical Center Community Service Plan

2016-2018
Year Two Update



Approved by the Board of Trustees on October 2, 2018



**St. Catherine of Siena
Medical Center**
Catholic Health Services
At the heart of health

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Mission Statement

We, at Catholic Health Services, humbly join together to bring Christ's healing mission and the mission of mercy of the Catholic Church expressed in Catholic health care to our communities.

St. Catherine of Siena Medical Center Service Area

St. Catherine of Siena Medical Center is located on 110 acres on the north shore of Long Island in Smithtown, New York. This 536-bed, not-for-profit community hospital, includes 240 nursing/rehab beds and a medical office building. St. Catherine's service area consists of 21 communities located in western Suffolk County. Approximately 648,000 people reside in the service area. St. Catherine's primary catchment area has a population of approximately 248,000 and includes: Smithtown, St. James, Hauppauge, Kings Park, Commack, Nesconset, Northport and East Northport. The secondary service area comprises, Lake Grove, Centerport, and Greenlawn, Huntington Station, Huntington and Cold Spring Harbor. In addition, St. Catherine sees patients from the areas of Central Islip, Brentwood and Ronkonkoma, which are primarily underserved communities. The service area is projected to have significant increases in the 45-64 and 65+ age groups. The average income levels for households in the primary service area are largely comparable to the average of \$99,889 for Suffolk County as a whole.

Key Health Partners

Partnering with community-based organizations is the most effective way to determine how the health priorities will be addressed. Some of St. Catherine of Siena partners include:

American Cancer Society	Huntington YMCA
American Diabetes Association	Island Harvest, Hauppauge
American Heart Association	Judy's Run for Stroke Awareness
American Parkinson Disease Association	Knights of Columbus, East Northport
Association for Mental Health and Wellness	League of Women Voters
Cancer Services Program of Nassau County	Libraries: Commack, Smithtown, Kings Park and Nesconset
Catholic Charities	Long Island Blood Services
Catholic Faith Network (formerly Telecare TV)	Long Island Council on Alcoholism and Drug Dependence
Catholic Home Care, Farmingdale	Long Island Green Market
Cornell Cooperative Extension/Eat Smart NY	Long Island Health Collaborative (LIHC)
Developmental Disabilities Institute, Smithtown	Lucille Roberts of Commack
Eugene Cannataro Senior Center (Smithtown Senior Center)	Martin Luther Terrace Senior Housing
Fidelis Care	Maryhaven Center of Hope, Port Jefferson
Gerald J. Ryan Outreach Center, Wyandanch	Mercy Medical Center, Rockville Centre
Good Samaritan Hospital Medical Center, West Islip	New York Institute of Technology College of Osteopathic Medicine, Central Islip
Good Samaritan Nursing Home, Sayville	State Parks and Recreation Department
Good Shepherd Hospice, Farmingdale	Our Lady of Consolation Nursing & Rehabilitative Care Center, West Islip
Hauppauge Industrial Association	Our Lady of Mercy Academy, Syosset
Home Box Office (HBO) Employee Health Services	Retired Senior Volunteer Program, Smithtown
Horizons Counseling and Education Center, Smithtown	ShopRite of Commack

Simon Malls: Smithaven and Walt Whitman
Smithtown, Commack and Kings Park School
Districts
Smithtown Food Pantry
Smithtown Sunrise Rotary
Sisters United in Health
Society of St. Vincent de Paul
Sounds of Silence
St. Catherine of Siena Nursing & Rehabilitation
Care Center
St. Charles Hospital, Port Jefferson
St. Francis Hospital, Roslyn
St. Joseph Hospital, Bethpage
St. Patrick's Church, Smithtown
StonyBrook Medicine/Creating Healthy Schools
and Communities
Stop and Shop of Smithtown

Suffolk County Department of Health Services
Suffolk County Policy Department
Suffolk Y JCC
Sunrise Assisted Living of Smithtown
Sustainable Long Island/Creating Healthy
Schools and Communities
The Arbors at Hauppauge
The Islip Cluster of School District
Superintendents
The Rotary Club of Smithtown
United Cerebral Palsy of Suffolk-Hauppauge
Volunteer Ambulance Corps: Commack,
Smithtown, Hauppauge, East Northport,
Northport, Central Islip, Brentwood,
Nissequogue and St. James
Western Suffolk Boces/Creating Healthy
Schools and Communities

Public Participation

CHS is a member of the Long Island Health Collaborative (LIHC) which is an extensive workgroup of committed partners who agree to work together to improve the health of Long Islanders. LIHC members include both county health departments, all hospitals on Long Island, community-based health and social service organizations, academic institutions, health plans and local municipalities, among other sectors.

The LIHC was formed in 2013 by hospitals and the Health Departments of Suffolk and Nassau Counties with the assistance of the Nassau-Suffolk Hospital Council to develop and implement a Community Health Improvement Plan. In 2015, the LIHC was awarded funding from New York State Department of Health as a regional Population-Health Improvement Program (PHIP). With this funding, the LIHC has been able to launch various projects that promote the concept of population health among all sectors, the media and to the public.

To collect input from community members, and measure the community-perspective as to the biggest health issues, the LIHC developed a regional survey called the Long Island Community Health Assessment Survey. This survey was distributed via SurveyMonkey® and hard copy formats. The survey was written with adherence to Culturally and Linguistically Appropriate Standards (CLAS). It was translated into certified Spanish language and large print copies were available to those living with vision impairment.

Long Island Community Health Assessment surveys are distributed both by paper and electronically through SurveyMonkey® to community members and are distributed at hospital outreach events.

Results of Community-Wide Survey

An analysis of the LIHC Community Member Survey was completed by LIHC and made available to members to obtain community health needs for their service area. The analysis represents every survey

that was mailed to LIHC from community members, delivered to LIHC from hospitals, or entered directly into SurveyMonkey®. The demographic information includes information from the American Community Survey (ACS) 2014, a survey distributed by the United States Census Bureau in years where a census is not conducted. The ACS provides demographic estimates and can be found at American FactFinder. Surveys collected by the hospital were sent to LIHC and entered in the database.

Using the LIHC Community Member Survey results, we reviewed the data for the hospital's service area by selected zip codes. Below are the findings for St. Catherine of Siena Medical Center. The data represents results of surveys collected January through June 2018.

1. What are the biggest ongoing health concerns in the community where you live?

- Drug & alcohol abuse 25.26%
- Mental health depression/suicide 15.40%
- Cancer 14.47%
- Obesity/weight-loss issues 10.42%
- Heart disease & stroke 7.59%
- Diabetes 6.89%
- Safety 5.68%
- Child health & wellness 4.59%
- Environmental hazards 3.51%
- Women's health & wellness 3.03%
- Asthma/lung disease 2.01%
- HIV/AIDS & Sexually Transmitted Diseases (STD) 1.85%
- Vaccine preventable diseases 0.33%

2. What are the biggest ongoing health concerns for yourself?

- Women's health & wellness 14.35%
- Obesity/weight-loss issues 13.13%
- Heart disease & stroke 13.05%
- Cancer 13.00%
- Mental health depression/suicide 10.26%
- Drugs & alcohol abuse 10.20%
- Diabetes 7.62%
- Safety 5.41%
- Environmental hazards 4.07%
- Asthma/lung disease 3.41%
- Child health & wellness 3.25%
- HIV/Aids/sexually transmitted disease 1.28%
- Vaccine preventable diseases 0.96%

3. What prevents people in your community from getting medical treatment?

- No insurance 21.05%
- Fear 19.16%
- Unable to pay co-pays/deductibles 16.65%
- Don't understand need to see a doctor 13.34%
- There are no barriers 7.47%

- Transportation 7.21%
 - Lack of availability of doctors 4.27%
 - Cultural/religious beliefs 4.04%
 - Don't know how to find doctors 3.80%
 - Language barriers 3.01%
4. Which of the following is the MOST needed to improve the health of your community?
- Drug and alcohol rehabilitation services 18.23%
 - Mental health services 14.97%
 - Healthier food choices 13.63%
 - Job opportunities 10.93%
 - Clean air and water 8.85%
 - Recreation facilities 7.35%
 - Safe places to walk/play 6.66%
 - Weight-loss programs 5.19%
 - Safe childcare options 3.98%
 - Smoking cessation programs 3.88%
 - Transportation 3.81%
 - Safe worksites 2.52%
5. What health screenings or education/information services are needed in your community?
- Drug and alcohol 19.11%
 - Mental health/depression 10.67%
 - Blood pressure 8.34%
 - Exercise/physical activity 8.08%
 - Cancer 7.74%
 - Diabetes 6.94%
 - Nutrition 6.65%
 - Importance of routine well checkups 5.36%
 - Cholesterol 5.30%
 - Suicide prevention 4.60%
 - Heart disease 3.74%
 - Emergency preparedness 3.03%
 - Eating disorders 2.64%
 - Dental screenings 2.46%
 - HIV/AIDS/STDs 2.15%
 - Disease outbreak information 1.86%
 - Vaccination/immunizations 0.87%
 - Prenatal care 0.73%
6. Where do you and your family get most of your health information?
- Doctor/health professional 33.25%
 - Internet 20.44%
 - Family or friends 10.84%
 - Hospital 6.16%
 - Newspaper/magazines 5.67%

• Television	4.93%
• Social media	3.94%
• Health department	3.20%
• School/college	3.20%
• Library	2.96%
• Worksite	2.71%
• Radio	1.72%
• Religious organization	0.99%
7. I identify as:	
• Female	62.35%
• Male	37.06%
• Other	0.59%
8. Average age of respondents:	42.67
9. What race do you consider yourself?	
• White/Caucasian	79.63%
• Black/African-American	8.24%
• Did not specify	4.71%
• Asian/Pacific Islander	4.71%
• Multi-racial	1.76%
• Other	0.59%
• Native American	0.59%
10. Are you Hispanic or Latino?	
• No	78.82%
• No answer	11.18%
• Yes	10.00%
11. What is your annual household income from all sources?	
• \$0-\$19,999	10.00%
• \$20,000-\$34,999	16.67%
• \$35,000-\$49,999	8.67%
• \$50,000-\$74,999	17.33%
• \$75,000-\$125,000	20.00%
• >\$125,000	27.33%
12. What is your highest level of education?	
• College graduate	30.49%
• High school graduate	18.29%
• Some college	24.39%
• Graduate school	16.46%
• Some high school	4.88%
• Doctorate	2.44%

- Technical school 2.44%
- Other (GED, etc) 0.61%
- K-8 grade 0.00%

13. What is your current employment status?

- Employed for wages 56.10%
- Self-employed 15.24%
- Student 9.76%
- Retired 8.54%
- Out of work/looking for work 6.10%
- Out of work, but not currently looking 4.27%

14. Do you currently have health insurance?

- Yes 93.94%
- No 5.45%
- No, but I did in the past 0.61%

Community Health Priorities for 2016-2018

For the 2016-2018 cycle, community partners selected *Chronic Disease* as the priority area of focus with (1) obesity and (2) preventive care and management as the focus areas. The group also agreed that mental health should be highlighted within all intervention strategies. Mental health is being addressed through attestation and visible commitment to the Delivery System Reform Incentive Payment (DSRIP), Performing Provider Systems (PPS) Domain 4 projects. Priorities selected in 2013 remain unchanged from the 2016 selection; however, a stronger emphasis has been placed on the need to integrate mental health throughout the intervention strategies. Domain 4 projects with a focus on mental health include:

- Project 4.a.i Promote mental, emotional and behavioral (MED) well-being in communities
- Project 4.a.ii Prevent substance abuse and other mental emotional disorders
- Project 4.a.iii Strengthen mental health and substance abuse infrastructure across systems
- Project 4.b.i Promote tobacco use cessation, especially among low socioeconomic status populations and those with poor mental health

Hospital partners are fully attested and active participants in DSRIP project and deliverables, thus supporting the emphasis being placed on improving outcomes related to mental health.

St. Catherine of Siena Medical Center Interventions, Strategies and Activities

Priority Number One: Obesity

Goal: Increase education and support services for weight management and help reduce obesity in adults and children in the St. Catherine of Siena service area.

Interventions, Strategies and Activities:

1. Work with the dietician at the local ShopRite of Commack to educate and distribute materials related to weight management, healthy food and beverage choices. Offer BMI and blood pressure screenings at the local ShopRite grocery store three times annually. This store is located near the underserved communities of Central Islip and Brentwood.

Process measures: Hospital will track the number of screenings conducted. Also, it will measure the number of participants who engage with the dietician and accept educational materials; strive to increase the educational interactions by 5% annually.

Year Two Update, May 1, 2017 through April 30, 2018: A total of 165 screenings were provided along with the distribution of educational materials. This was a 34% increase in screenings over the 108 screenings provided in Year One. The community outreach program coordinator partnered with new supermarkets in the service area, including Stop and Shop and Walmart. The Walmart is located in an underserved community, Central Islip. This new collaboration has allowed the hospital to attend the store's free community health events.

2. Offer lectures on physician-driven programs on topics related to weight management and nutrition four times annually.

Process measures: Lectures will be scheduled quarterly and attendees tracked. The program will be designed to incorporate a survey or question-and-answer piece to assess comprehension. The hospital will hold four lectures annually, will assess the number of attendees after Year One to use as a benchmark for increased attendance in year two and three and increase attendance by at least 5%.

Year Two Update, May 1, 2017 through April 30, 2018: A total of 450 attended the 4 scheduled lectures during this time period. This is a 9.7% increase in attendance over the 410 attendees in Year One. St. Catherine of Siena continues to exceed the targeted attendance goal. St. Catherine of Siena provided a pre- and post-survey which was used as a reference tool to help identify any missed educational opportunities and modify lectures as needed.

3. Collaborate with the New York Bariatric Group to offer free lectures and presentations on nutrition and obesity related issues throughout the underserved communities near St. Catherine.

Process measures: St. Catherine will measure the number of lectures and presentations. The hospital will strive to increase the number of attendees at each event by 5% and use Year One as a benchmark for Year Two and Three target goals.

Year Two Update, May 1, 2017 through April 30, 2018: The hospital continues to partner with the New York Bariatric Group to offer free educational lectures throughout the year. There were a total of 19 attendees at 2 lectures held in targeted local underserved communities during this time period. This is a 27% increase in attendance over the 15 attendees at the lecture held in Year One.

4. Offer a bariatric support group at St. Catherine of Siena campus to help patients maintain a healthy lifestyle following weight loss surgery. In addition, the hospital will incorporate free nutritional cooking demonstrations at two of the support groups annually to encourage healthy eating.

Process measures: Identify the number of new participants and seek to increase by 5% annually. Attendees will complete the Long Island Health Collaborative Wellness Survey at both the start and end of the program to measure the program's effectiveness.

Year Two Update, May 1, 2017 through April 30, 2018: There were a total of 172 attendees at the support groups during this time period. This is 7% increase in attendance over the 160 attendees in Year One. St. Catherine of Siena provided a pre- and post-survey which was used as a reference tool to help identify any missed educational opportunities and modify lectures as needed.

5. Collaborate with NYS Recreation Department to hold *Boardwalk Your Way to Wellness* program annually at Sunken Meadow State Park.

Process measures: Identify the number of participants who return for two or more sessions and increase by 5% each year. Provide a pre- and post-survey to assess walk's success. Attendees will complete the Long Island Health Collaborative Wellness Survey at both the start and end of the program to measure the program's effectiveness.

Year Two Update, May 1, 2017 through April 30, 2018: A total of 240 people attended and were given educational materials at the boardwalk. This represents a 23% increase over the 195 attendees in Year One. There were 17 repeat walkers, as compared to 10 in the prior year. The program continues to grow in the community. Free blood pressure screenings were also provided by volunteer hospital clinicians. In addition, the coordinator of the hospital's bariatric support group invited those attendees to attend the walk. She has accompanied the support group members and continued to walk with them throughout the summer.

6. St. Catherine of Siena will actively promote the Long Island Health Collaborative's walking program by distributing promotional materials at community events and through social media reach. St. Catherine of Siena will also share program information with CHS-affiliated physicians and mid-level practitioners to encourage more people to walk and choose a healthier lifestyle.

Year Two Update, May 1, 2017 through April 30, 2018: The hospital is committed to the LIHC's initiatives and publicizes the walking program at the more than 40 community outreach events by distributing materials provided by the LIHC. Additionally, the hospital has and will continue to supply affiliated physicians' offices and hospital waiting areas with the informational materials about the program.

7. All CHS entities participate as a team in the American Heart Association Heart Walk, the Long Island Marcum Workplace Challenge—a 3.5-mile run-walk for charity—and American Cancer Society's Making Strides against Breast Cancer walk. These events promote walking for physical activity and good health for employees and the community. Educational materials are offered at each event to participants.

Process measures: The goal is to increase the number of hospital participants over the previous year by 5%.

Year Two Update, May 1, 2017 through April 30, 2018: St. Catherine employees participated in the following community walking events to encourage physical activity:

- American Cancer Society's Relay for Life, Commack High School: two employees participated, as compared to three in Year One.
- St. Patrick's Day Parade: seven employees participated, as compared to four in Year One.
- Kings Park Parade: 17 employees participated, as compared to 4 in Year One.
- St. James Parade: 2 employees participated, as compared to 10 in Year One.
- Marcum Workplace Challenge, July 25, 2017: 10 employees participated; a decrease from 15 participants in Year One.
- Making Strides Walk: 10 employees participated, as compared to 1 in Year One.

Overall, the hospital had an increase of 29.7% participants in walks compared to Year One. Walk events will continue to be promoted to increase participation.

Priority Number Two: Preventive Care and Management

Goal: Increase access to high-quality disease preventive care and management for cardiovascular disease and diabetes in clinical and community settings.

Interventions, Strategies and Activities:

1. Offer free, monthly support groups for community members living with diabetes, lupus and Parkinson's disease.

Process measures: Track the number of participants, and strive to increase the number of participants by 2% annually. Provide a pre- and post-survey to evaluate the programs. Attendees will complete the Long Island Health Collaborative Wellness Survey at both the start and end of the program to measure the program's effectiveness.

Year Two Update, May 1, 2017 through April 30, 2018: A total of 768 people were in attendance at support groups related to diabetes and Parkinson's disease, a 13% decrease from the 881 attendees in Year One. This decrease is a result of the Lupus support groups transitioning from a monthly group to a smaller, quarterly group. The hospital anticipates an increase in attendees at future support groups with the addition of the Type II Diabetes Prevention support group, which will be begin in the fall 2018.

2. Offer lectures and community outreach with opportunities for screenings in collaboration with local organizations and high school education departments.

Process measures: Track the number of participants, and strive to increase the number of participants by 2% annually. Provide a pre- and post-survey to evaluate the programs.

Year Two Update, May 1, 2017 through April 30, 2018: A total of 1,344 people were in attendance at community lectures related to chronic disease, a 44% increase over 932 attendees in Year One. A total of 422 blood pressure screenings were provided, a 95% increase over 215 completed in Year One. This initiative continues to exceed the target goal.

3. Provide disease education, blood pressure and BMI screenings, dermatology and cholesterol screenings and free flu vaccinations at local community festivals and health fairs and hospital-sponsored events, including the annual fall health fair.

Process measures: St. Catherine will track the number of attendees and the screenings offered. In addition, St. Catherine will strive to increase the number of participants screened by 3% annually.

Year Two Update, May 1, 2017 through April 30, 2018: A total of 5,917 people were in attendance at community events in which the hospital coordinated or participated, a 14% decrease from the 6,868 attendees in Year One. A total of 930 blood pressure screenings were provided, a 29% increase over the 722 completed in Year One. Flu vaccinations were administered to 251 individuals, a 12% decrease from 285 vaccinations administered in Year One. The greatest response to the flu vaccinations has been at the annual health fair held in the fall. In Year Two, many attendees reported already receiving their vaccination at the time of the St. Catherine health fair. In Year Three, the event is planned for earlier in the fall.

Cholesterol and glucose screenings—offered only at the hospital health fair—were provided to 114 individuals, a 40% decrease from the 190 screenings provided at the health fair held in Year One. Fewer attendees at the health fair elected to participate in this screening. To increase participation in these screenings at the health fair in Year Three, the hospital staff will engage attendees and encourage their participation in these screenings.

4. St. Catherine staff volunteer at CHS Healthy Sundays community outreach events held in underserved churches, offering free health screenings and providing educational materials on preventive health.

Process measures: Participate in at least four to five Healthy Sundays each year. Record the number of attendees, screenings and referrals at each event in order to increase the number of screenings and referrals that would identify any health concerns for community members.

Year Two Update, May 1, 2015 through April 30, 2018: The St. Catherine of Siena Healthy Sundays team administered flu vaccinations and blood pressure screenings to 235 participants at 4 events in medically underserved areas. A total of 173 flu vaccinations were administered, a 20.1% increase from 143 administered in Year One. A total of 139 blood pressure screenings were provided, a 17.8% increase from the 118 screenings conducted in Year One. Ten individuals were referred for follow-up care, and all participants were offered a variety of health education materials.

5. Participate in the Retired Senior Volunteer Program (RSVP) of Suffolk, the annual senior fair hosted by Legislator Trotta and other organizational employee wellness programs offering free blood pressure and BMI screenings. Increase awareness and education about chronic disease in underserved communities.

Process measures: St. Catherine of Siena will track the number of attendees, participants screened and number of referrals. Seek at least three new partners over 2016-2018 timeframe.

Year Two Update, May 1, 2017 through April 30, 2018: A total of 902 attendees received educational materials, a 20.1% increase over 750 in Year One. A total of 177 blood pressure screenings were provided, a 293% increase over 45 screenings provided in Year One. The hospital

has partnered with the Smithtown Senior Center and The Arbors Senior Assisted Living Center and now provides onsite monthly screenings to residents at both facilities. In addition, attendees are offered free health educational materials. The community outreach coordinator is actively seeking an additional community partner to meet the goal.

Additional Activities:

1. Stepping On Program

The seven-week Stepping On program is an evidence-based fall prevention program designed to reduce falls and build confidence in older adults.

Year Two Update, May 1, 2017 through April 30, 2018: Five Stepping On classes were held at the following locations: Hauppauge Library, Smithtown Library, Elwood Library and the Martin Luther King Terrace Apartments in Kings Park (two sessions). The Elwood Library is located adjacent to the underserved community of Huntington Station, and the Martin Luther King Terrace Apartments is a affordable housing complex serving senior citizens. Seventy-four people participated in the 5 sessions, an 85% increase over the 40 participants in the 3 sessions held in Year One.

In addition, 70 attendees participated in Stepping On education at a National Falls Day event on September 22, 2017.

2. Tai Chi for Arthritis

The eight-week program designed to improve balance while being safe and comfortable and is suitable for most people, regardless of physical limitations.

Year Two Update, May 1, 2017 through April 30, 2018: A total of 125 people participated in Tai Chi classes, a 35.9% increase over the 92 participants in Year One.

- 3. St. Catherine conducts a 16-week health care career exploration and internship program (HCEIP)** that includes a seminar and hands-on workshop for students interested in careers in health care. In 2018, 34 students from Smithtown High School East and West, Commack High School, Our Lady of Mercy Academy and Harborfields High School participated in the HCEIP program. Professionals from various clinical departments lecture/teach and provide skill-based training along with information regarding college and degree requirements to help students make career choices. Upon completion of the program and 30 hours of volunteer service in either the hospital or nursing and rehabilitation care center, students are eligible to receive half health credit from their schools.

Priority: Mental Health

Goal: Decrease hospitalization rates due to alcohol and drug abuse. Promote mental, emotional and behavioral well-being in the surrounding communities.

Interventions, Strategies and Activities:

- 1. Provide education about prescription drug use and safe drug disposal at Horizons Counseling Center and Smithtown high schools.**

Process measures: St. Catherine of Siena will coordinate four lectures both on- and-off campus and track the number of attendees at each event, seeking to increase by 2%. The hospital will provide a pre- and post-survey to evaluate increase in knowledge.

Year Two Update, May 1, 2017 through April 30, 2018: A total of 627 people were in attendance at the four off-campus events with community partners. This is a 280% increase over 165 in Year One. The hospital is on target to exceed this goal. The survey was not utilized at these events. For Year Three, the hospital will continue with the goal of increasing attendance at events by 2%.

The hospital is in active discussions with Horizon's to foster hospital aftercare collaborations; however, no specific initiatives have yet been established.

2. St. Catherine of Siena has a dedicated information areas at its annual Community Health Fair for community organizations that offer mental health resources and support services and programs.

Process measures: St. Catherine will track the number of attendees at the health fair and seek new mental health resources to be included in the fair. The hospital will strive to increase the number of participants by 5% annually. In addition, the hospital will work to incorporate more supportive resources to have a presence at the health fair for increase mental health and drug prevention awareness.

Year Two Update, May 1, 2017 through April 30, 2018: A total of 400 mental health support resources were distributed at the annual health fair attended by 1,250 people. This is a 60% increase over 250 in Year One. The hospital is on target to exceed this goal.

3. Offer free smoking cessation programs in collaboration with the Suffolk County Department of Health.

Process measures: St. Catherine of Siena will track the number of attendees who participate in the program from start to finish, and measure how many participants quit smoking. The hospital will strive to increase the number of participants by 3% annually.

Year Two Update, May 1, 2017 through April 30, 2018: A total of 6 repeat attendees participated in the free smoking cessation program, as compared to 11 in Year One, a 45% decrease. To increase participation, St. Catherine of Siena will continue to promote the free smoking cessation program on the hospital website and in the community newsletter, and will also promote the program at community outreach events. In addition, the free program is advertised in community calendars in local papers and on the Suffolk County Department of Health's website.

4. Schedule free Narcan® training once per year on campus to educate community members about drug addiction. Provide free Narcan kits.

Process measures: Track the number of individuals who are given training and Narcan® kits over the 2016-2018 cycle each year. After Year One, the hospital will assess the demand for Narcan® training and further partner with Horizons Counseling Center to incorporate additional education and intervention alternatives for those suffering with drug addiction.

Year Two Update, May 1, 2017 through April 30, 2018: The hospital did not offer community Narcan® training sessions during this reporting period. However, beginning May 1, 2017, the hospital

partnered with the Suffolk County Department of Health to provide free on-site Narcan® training and take-home kits for patients who present in the Emergency Department with substance abuse issues. Caregivers of the patient are educated with a video, at the point of distribution, as recommended by the Department of Health. The hospital has distributed 40 kits since the program began.

5. Offer free postpartum depression support groups and coordinate with the NY Postpartum Depression Organization to provide resources and information.

Process measures: The hospital will track the number of attendees or referrals to other depression support programs. After Year One, the hospital will assess the need for additional support group offerings provided annually and evaluate other resources for mothers with postpartum depression.

Year Two Update, May 1, 2017 through April 30, 2018: Three mothers attended the free support group during this time period, as compared to zero in Year One. This may be the result of an open session format provided throughout the year, as opposed to specific start times in prior reporting periods. The group now meets monthly regardless of return members, rather than specific start and end dates.

6. St. Catherine of Siena will support Long Island Health Collaborative and DSRIP projects that address mental health.
7. When a lack of access to mental health resources is identified, St. Catherine of Siena will provide information on and refer patients to the extensive mental health services available within CHS and its partners. If not available within CHS, St. Catherine of Siena will use the Long Island Health Collaborative's database to identify or recommend a suitable option.
8. CHS is creating a Mental Health and Substance Abuse Services guide listing all available services throughout its system, Catholic Charities and the New York State Department of Health. This guide will be available in 2017.

The *CHS Mental Health and Substance Abuse Services Guide*, in English and Spanish, was completed in 2017 and continues to be offered for free in print and available for download from the CHS and hospital website. Free copies are also available to anyone contacting CHS at its toll-free telephone number.

9. To combat the growing opioid epidemic, Catholic Health Services (CHS) began collaborating with the Diocese of Rockville Centre, Long Island Council on Alcoholism & Drug Dependence and the Family & Children's Association (FCA) to build an addiction treatment infrastructure on Long Island. Two goals were determined: to revisit existing Emergency Department (ED) protocols for overdose victims and to create a liaison program to connect these patients with support services. A new CHS policy was established to prevent unnecessary opioid prescriptions in the ED, and the Sherpa Program was developed by FCA. A free service provided by FCA, Sherpa is made up of peer recovery coaches trained to meet with overdose survivors and their families in EDs. The team directs people to treatment, offering encouragement and follow-up. The high-volume ED at Good Samaritan is the site of the pilot, and will be rolled out later to other CHS hospitals. Sherpa is supported by the New York State (NYS) Office of Alcoholism & Substance Abuse Services, NYS Senate and Long Island Community Foundation.

Living the Mission

The Nassau-Suffolk Hospital Council, on behalf of LIHC, was identified as the Population Health Improvement Program (PHIP) contractor for the Long Island region. LIHC continues to focus on chronic disease prevention and treatment, particularly obesity, through its “*Are You Ready Feet?*” walking program and other online resources. More information can be found at lihealthcollab.org.

During 2017, CHS’s Maryhaven Center of Hope food pantry provided more than 75 bags of free food each month to non-resident Maryhaven clients and individuals from the local community of Port Jefferson Station. The food is donated by CHS staff with support from Island Harvest food bank

In June 2017, CHS participated in HOPE DAY in Valley Stream, providing free blood pressure screenings and health education material to hundreds of Long Island residents. HOPE DAY brings together community and faith-based organizations to areas of need, offering necessities, free food, entertainment and health education.

In the last quarter of 2017, CHS employees once again pulled together to help others less fortunate in underserved areas. Initiatives included the 9th annual Christmas toy drive, in collaboration with the Church of Our Lady of the Miraculous Medal and the Gerald J. Ryan Outreach Center. Employees from the Melville corporate offices and CHS Physician Partners collected hundreds of new toys, and many donated their time to distribute the toys and much-needed food packages. Similarly, CHS Services in Rockville Centre “adopted” an impoverished family through its Secret Santa Project, providing clothing, toys, blankets and other articles.

The CHS Practice Management Operations team organized a food drive among the system’s physician practices, resulting in the donation of almost 2,000 items to Maryhaven’s food pantry. In addition, CHS Services, St. Catherine, Al’s Angels and Catholic Charities teamed up to deliver food to 12 Long Island parishes and Maryhaven for distribution to low-income residents.

In partnership with a local elementary school, Our Lady of Consolation, Good Samaritan Hospital and Good Samaritan Nursing Home collected new packages of socks and undergarments to be included in “blessing bags” assembled by the students. Accompanied by CHS staff members who served as mentors through the New York State Mentoring Program, the students distributed the blessing bags to the homeless in New York City,

CHS hospitals all host blood drives throughout the year, collecting more than 1,700 pints of blood in 2017.

All six CHS hospitals are Baby Safe Haven sites where newborn infants can be safely relinquished.

CHS provides medical services support to the region’s pregnancy crisis centers, including four operated by the Life Center of Long Island and six Birthright locations across Nassau and Suffolk. Also, CHS supports two Soundview Pregnancy Services locations and collaborates with Regina Residence, operated by Catholic Charities. Regina Residence and CHS offer a one-call pregnancy support line through which trained professionals offer expectant mothers encouragement and an array of practical support at this critical time and beyond, in the hope of helping the women continue their pregnancies.

In June 2017, CHS established a behavioral health hotline staffed by social workers from CHS Physician Partners. A small number of calls has been received, and the hotline continues to be staffed and available.

CHS provides an array of resources to promote good health in the region. Its two TV series, "CHS Presents: Lifestyles at the Heart of Health" and "CHS Presents: Health Connect" feature experts providing medical, nutritional and fitness information. The shows are broadcast on Catholic Faith Network (formerly Telecare TV), reaching 6.4 million households in the tristate area, and is accessible on cfntv.org. CHS has earned two Telly Awards for the "Lifestyles at the Heart of Health" program. These programs and other health-related videos can be viewed on demand on CHS's YouTube channel at <https://www.youtube.com/user/chsli>. The programs in the series are also available on CHS's website under "Community Health", along with "Recipes for Healthy Living". In addition, CHS's online events calendar in the same location lists free health screenings, blood drives, lectures and other programs open to the public, with social media used to disseminate this information.

CHS's Executive Vice President and Chief Medical Officer writes a column, "Dr. O's Health Care Tips and Solutions" for *The Long Island Catholic*, the official publication of the Diocese of Rockville Centre, published 10 times per year. Many of these tips are taped and hosted on CHS's YouTube Channel and being aired on Catholic Faith Network's *Everyday Faith Live*.

CHS is engaged in promoting education, training and workforce preparedness through collaboration with organizations such as the Long Island Regional Advisory Council on Higher Education, Long Island STEM (Science, Technology, Engineering and Math) Hub, Health Care Regional Industry Council and Western Suffolk BOCES. From May 1, 2017 through April 30, 2018, five events were supported by Good Samaritan Hospital's Vice President of Human Resources as chair of the LI STEM Hub Health Care Regional Industry Council and as chairperson of the Nassau-Suffolk Hospital Council Human Resources Committee. These included four LI STEM meetings and a forum with the Long Island Regional Advisory Council on Higher Education (LIRACHE). In addition, a teacher professional development day was hosted at the CHS Melville office on November 7, 2017. A total of 218 individuals participated in career development forums, conferences and workshops hosted by colleges and other institutions, and CHS was represented on panels and in workgroups.

Our Lady of Consolation Nursing & Rehabilitative Care Center's 108 volunteers contributed 99,106 hours of service serving as spiritual care companions, extraordinary ministers of Holy Communion and providing other services to residents.

Catholic Home Care (CHC) continued to provide patients and families with needed services using its Patient Assistance Fund. The fund is made up from staff donations in the form of a payroll deduction and allows staff to recommend assistance for patients with specific needs impacting their health. This can include a provision of food, clothing, fuel oil and other critical items. All donations are approved by the CHC Chief Administrative Officer and Chief Operating Officer. Allowable funding is capped at \$250 per patient.

To ensure patient safety in the home environment, Catholic Home Care provided smoke and carbon monoxide detectors to patients unable to purchase such devices. In addition, the agency purchased and distributed scales to monitor fluid retention for patients who were physically or financially unable to obtain them.

In 2016, Good Shepherd Hospice (GSH) earned a two-year grant (2016 and 2017) from the National Alliance for Grieving Children (sponsored by New York Life) to provide bereavement services to Hispanic children and their parents. The program consisted of three, eight-week support groups as well as the provision of community education to the Hispanic population concerning concepts of pediatric grief. The grant also provided for transportation to and from the support groups, as well as transportation to the children's bereavement camp, Camp Hope. A total of 104 people participated in the hispanic bereavement groups in 2017. The grant expired at the end of 2017, but the program continues. GSH applied for a renewal of the grant and should hear by the end of 2018

GSH conducted more than 45 free bereavement support groups in 2017 for the general public across Long Island at Mercy Medical Center, Our Lady of Consolation, St. Patrick Church in Bay Shore and the Good Shepherd offices in Farmingdale and Port Jefferson. As part of the Coping with the Holidays series, Good Shepherd Hospice held a free workshop addressing bereavement needs associated with St. Valentine's Day, Mother's Day and Father's Day in multiple settings across Long Island.

Fall 2017 and spring 2018 memorial services were conducted by Good Shepherd Hospice at Mercy and St. Charles hospitals. These events are offered to families who have experienced a loss in the past six months. The events at Mercy had approximately 50 total attendees and approximately 200 people attended the events at St. Charles.

In July 2017, Bob Sweeney's Camp H.O.P.E., an annual two-day free children's bereavement camp, continued to have strong attendance with more than 100 children and their families participating. The event was held at Camp Alvernia in collaboration with Good Shepherd. Volunteer professionals from Good Shepherd Hospice provided staffing.

Hospice families continue to benefit from a \$100,000 donation from the family of a patient served by Good Shepherd Hospice in 2014. Monies from this donation are restricted to the provision of aide services in excess of the hospice benefit. In 2017, an additional \$100,000 donation was received for this special program. More than 50 patients and their families have benefitted from this generous donation.

Gabriel's Courage, a Good Shepherd Hospice program offering support and care for families experiencing a life-limiting pregnancy, continued in 2017 to serve families across Long Island, offering social work, pastoral care and nursing support. Good Samaritan physicians, nursing, and social work staff remain the primary referrers to this special program

Dissemination of the Plan to the Public

The St. Catherine of Siena Medical Center Community Service Plan will be posted on the hospital's website at www.stcatherines.chsli.org. Copies will be available at local free health screenings and can be mailed upon request.

By encouraging friends and neighbors to complete the Long Island Health Collaborative Wellness Survey online or at local screenings, the Community Health Needs Assessment will help St. Catherine of Siena Hospital continue to further develop ways to best serve the community.

Conclusion

The Community Service Plan is intended to be a dynamic document. Using the hospital's strengths and resources, St. Catherine of Siena Medical Center along with community partners, will work to continue to

best address health disparities and needs. The hospital will strive to improve the overall health and well-being of individuals and families by expanding free health promotion and disease prevention/education screenings and programs in communities where they are most needed. St. Catherine of Siena is committed to continue to develop ways to best serve the community.