

United Health Services Hospitals Community Service Plan Update – 2017 Results

Promote HEALTHY & SAFE ENVIRONMENT

FOCUS AREA: Injuries, Violence and Occupational Health

Objectives: By December 31, 2018, reduce the number of hospitalizations among older adults.

- Decrease falls and fall-related hospital admissions among older adults (age 65 and older)
- By December 31, 2018, decrease the number of hospitalizations from falls among older adults (age 65+) from 244/10,000 to 224/10,000
- By December 31, 2018, increase the number of provider sites screening older adults using evidence-based Fall Risk Assessments by 50%
- By December 31, 2018, increase to two, the number of hospital-based home care physical therapy programs that integrate evidence-based exercise and fall prevention activities
- By December 31, 2018, increase the number of community sites providing evidence-based intervention programs for older adults: Tai Chi Moving for Better Balance, Matter of Balance and Stepping On

Interventions/Strategy/Activities:

- Oversee and implement falls prevention work plan within the organization
- Conduct fall risk assessments and prepare plan of care with CPT codes
- Identify number of Medicare patients found to be at risk for falls
- Identify # of patients referred to physical therapy and community programs
- Identify # of patients admitted for fall related injuries
- Number of provider sites meeting QA metrics

Results:

- *All UHS PCP's are completing Fall screenings on patients 65 and older*
- *Over 4,300 patients were screened in 2017*
- *Over 900 patients failed the screening and were referred to Physical Therapy and/or a community falls prevention program*
- *UHS Fall Risk Program recognized by CDC and also reported in US News and World Report*

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Prevent Chronic Disease

FOCUS AREA: Goals 1, 2 & 3 - Reduce Obesity in Children and Adults, Increase Breastfeeding, Prevent childhood obesity through interventions in early childcare

Objectives:

- By December 31, 2018, increase by 10% the number of children, ages 3-17 years, who receive a BMI screening in Broome County
- By December 31, 2018, increase by 10% WIC infants who continue to be breastfed until 6 months
- By December 31, 2018, hospital systems will make progress toward designation as a baby friendly hospital with 25% of private providers in the community adopting breastfeeding policies

Interventions/Strategies/Activities/Activities:

- Identify & track children at risk for obesity
- Use changes in BMI to identify need for nutrition consult
- Increase % of children with a nutrition assessment
- Modify EMR screens
- Measure % of children who are overweight & obese via BMI
- Identify # of children counseled on nutrition and physical activity
- Identify # of children referred to Stay Healthy Kids program
- Identify % of adults who are overweight & obese
- Identify # of adults referred to nutritional counseling
- Identify # of WIC infants that are breastfed till 6 months

Results:

- ***UHS EMR automatically updates BMI when patient's height and weight and entered***
- ***UHS Providers document in EMR if patient referred for Nutritional Counseling***
- ***Total of 86 children participated in UHS's Stay Healthy Kids on Track or Stay Healthy Kids Program***
- ***UHS Stay Healthy provides free lactation counseling for all Breastfeeding Moms at the Stay Healthy center***
- ***263 Moms were provided with free lactation counseling by Stay Healthy center Lactation Specialists***

****See attached reports***

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Prevent Chronic Disease

FOCUS AREA: Increase access to high quality chronic disease preventive care and management in both clinical and community settings

Objectives:

- Increase screening rates and treatment for cardiovascular disease and diabetes, especially among disparate populations
- By December 31, 2018, increase the percentage of adults in Medicaid Managed Care, age 45 years and older, who had a test for high blood sugar or diabetes within the past three years by 5%
- By December 31, 2018, reduce the age-adjusted hospitalization rate for heart attacks by 10% from 15.5 per 10,000 residents to 14.0 per 10,000
- By December 31, 2018, increase the percentage of Medicaid Managed Care plan members with diabetes who receive all four screening tests (A1c testing, lipid profile, dilated eye exam and nephropathy monitoring)

Interventions/Strategies/Activities/Activities:

- Population Health nurses to reach out to patients who are out of compliance for BP, A1C, Lipids, dilated eye exam, & cholesterol screenings
- Offer free Tobacco cessation classes to the community
- Refer patients with high BMI to nutritional counseling & weight management program
- Increase provider quality metrics related to patient screenings for BP, A1C, Lipids, etc. by 5%
- Promote and hold free Adult Wellness classes in the community related to nutrition, exercise and healthy living

Results:

- *Provider patient compliance data reported on monthly basis via Quality metrics*
- *108 individuals attended free Tobacco Cessation classes at Stay Healthy*
- *191 individuals attended free Adult Wellness Classes at Stay Health*
- *159 patients called Stay Healthy center to be screened for Low Dose CT of lung*

**See attached reports*

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Promote Mental Health & Prevent Substance Abuse

FOCUS AREA: Strengthen infrastructure across system

Objective:

By December 31, 2018, complete pilot of integration of behavioral health into primary care and develop an implementation plan supportive of: expanding integration of evidence-based recovery and the medical model; a uniformed approach to provider education and patient education; the development of tools to engage patients; and addressing social determinants with an emphasis on transportation and continue expansion of behavior health into primary care throughout the Broome County's Health Care Systems and community continuum of care.

Interventions/Strategies/Activities/Activities:

The Steering Committee recognizes the opioid epidemic as an emerging threat to the health and well-being of Broome County residents. A task force, the Broome Opioid Abuse Council (BOAC), was formed in December of 2014 to formally coordinate efforts directed toward addressing the opioid abuse crisis. The coalition is led by the Medical Director of the Broome County Health Department, Dr. Christopher Ryan, MD and comprised of multi-disciplinary team members who serve on four sub-committees: community education, treatment and prevention, law enforcement, and education of medical professionals. They are tasked with identifying critical priorities, developing a unified plan, and implementing solution-oriented strategies that will have a substantive impact. BOAC reports are available on the Broome County Health Department website.

Results:

- ***UHS continues to collaborate with community resources to fight the opioid abuse problem***
- ***Education was provided to the community by UHS provider Dr. Hunter on Opioid addiction***
- ***Though not selected as a priority for this interim Community Health Assessment, it is anticipated that opioid abuse will be a prominent issue when next full assessment is conducted***

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Assumptions / values used

Each population is all persons of specified type with encounters in 2017

Children = 5 to 18 yo (1825-6934 weeks)

Adults = 19+ yo (6935+ weeks)

Medicaid = all payers with 'caid' in name

BMI 85th percentile is 25.0

BMI 95th percentile is 35.0

Cardiovascular diagnoses are ICD10 Dx codes:

'I10', 'I20.0', 'I20.1', 'I20.8', 'I20.9', 'I21.01', 'I21.02', 'I21.09', 'I21.11', 'I21.19', 'I21.21', 'I21.29', 'I21.3', 'I21.4', 'I22.0', 'I22.1', 'I22.2', 'I22.8', 'I22.9', 'I23.0', 'I23.1', 'I23.2', 'I23.3', 'I23.4', 'I23.5', 'I23.6', 'I23.7', 'I23.8', 'I25.10', 'I25.110', 'I25.111', 'I25.118', 'I25.119', 'I25.2', 'I25.3', 'I25.41', 'I25.42', 'I25.5', 'I25.6', 'I25.700', 'I25.701', 'I25.708', 'I25.709', 'I25.710', 'I25.711', 'I25.718', 'I25.719', 'I25.720', 'I25.721', 'I25.728', 'I25.729', 'I25.730', 'I25.731', 'I25.738', 'I25.739', 'I25.750', 'I25.751', 'I25.758', 'I25.759', 'I25.760', 'I25.761', 'I25.768', 'I25.769', 'I25.790', 'I25.791', 'I25.798', 'I25.799', 'I25.810', 'I25.811', 'I25.812', 'I25.82', 'I25.83', 'I25.84', 'I25.89', 'I25.9', 'I34.0', 'I34.1', 'I34.2', 'I34.8', 'I34.9', 'I35.0', 'I35.1', 'I35.2', 'I35.8', 'I35.9', 'I48.0', 'I48.1', 'I48.2', 'I48.3', 'I48.4', 'I48.91', 'I48.92', 'I49.01', 'I49.02', 'I49.1', 'I49.2', 'I49.3', 'I49.40', 'I49.49', 'I49.5', 'I49.8', 'I49.9', 'I50.1', 'I50.20', 'I50.21', 'I50.22', 'I50.23', 'I50.30', 'I50.31', 'I50.32', 'I50.33', 'I50.40', 'I50.41', 'I50.42', 'I50.43', 'I50.9', 'R00.0', 'R00.1', 'R00.2', 'R00.8', 'R00.9', 'R07.1', 'R07.2', 'R07.81', 'R07.82', 'R07.89', 'R07.9', 'R55'

PopName	Metric	ThisQty	PopQty	PercentOfPop
AllChildren	BMIscreened	24880	29156	85.334065
AllChildren	BMI_85_95	5653	29156	19.388805
AllChildren	BMI_95_up	1363	29156	4.67485252
AllChildren	CholTestingDone	976	29156	3.34750995
AllChildren	LDL<100	678	29156	2.32542187
AllChildren	Cardio Dx	631	29156	2.16422006

PopName	Metric	ThisQty	PopQty	PercentOfPop
AllAdults	BMIscreened	115400	136543	84.5155006
AllAdults	BMI_85_95	65608	136543	48.0493324
AllAdults	BMI_95_up	28146	136543	20.6132867
AllAdults	CholTestingDone	35328	136543	25.8731682
AllAdults	LDL<100	18501	136543	13.5495778
AllAdults	Cardio Dx	40477	136543	29.6441414

PopName	Metric	ThisQty	PopQty	PercentOfPop
AfroChildren	BMIscreened	1738	2058	84.4509232
AfroChildren	BMI_85_95	422	2058	20.505345
AfroChildren	BMI_95_up	111	2058	5.39358601
AfroChildren	CholTestingDone	77	2058	3.7414966
AfroChildren	LDL<100	51	2058	2.47813411
AfroChildren	Cardio Dx	35	2058	1.70068027

PopName	Metric	ThisQty	PopQty	PercentOfPop
AfroAdults	BMIscreened	4086	4879	83.7466694
AfroAdults	BMI_85_95	2199	4879	45.0707112
AfroAdults	BMI_95_up	1224	4879	25.087108
AfroAdults	CholTestingDone	1009	4879	20.6804673
AfroAdults	LDL<100	490	4879	10.0430416
AfroAdults	Cardio Dx	1290	4879	26.4398442

PopName	Metric	ThisQty	PopQty	PercentOfPop
McaidChildren	BMIscreened	14024	16310	85.9840589
McaidChildren	BMI_85_95	3342	16310	20.4904966
McaidChildren	BMI_95_up	912	16310	5.59166156
McaidChildren	CholTestingDone	606	16310	3.71551196
McaidChildren	LDL<100	413	16310	2.53218884
McaidChildren	Cardio Dx	393	16310	2.40956468

PopName	Metric	ThisQty	PopQty	PercentOfPop
McaidAdults	BMIscreened	51482	60031	85.7590245
McaidAdults	BMI_85_95	28460	60031	47.4088388
McaidAdults	BMI_95_up	14881	60031	24.7888591
McaidAdults	CholTestingDone	17582	60031	29.2882011
McaidAdults	LDL<100	9754	60031	16.2482717
McaidAdults	Cardio Dx	19985	60031	33.2911329

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PopName	Metric	ThisQty	PopQty	PercentOfPop
AfroMcaidChildren	BMIscreened	1350	1587	85.0661626
AfroMcaidChildren	BMI_85_95	328	1587	20.6679269
AfroMcaidChildren	BMI_95_up	90	1587	5.6710775
AfroMcaidChildren	CholTestingDone	65	1587	4.0957782
AfroMcaidChildren	LDL<100	42	1587	2.64650284
AfroMcaidChildren	Cardio Dx	26	1587	1.63831128

PopName	Metric	ThisQty	PopQty	PercentOfPop
AfroMcaidAdults	BMIscreened	2966	3559	83.3380163
AfroMcaidAdults	BMI_85_95	1610	3559	45.2374262
AfroMcaidAdults	BMI_95_up	959	3559	26.9457713
AfroMcaidAdults	CholTestingDone	771	3559	21.6633886
AfroMcaidAdults	LDL<100	373	3559	10.480472
AfroMcaidAdults	Cardio Dx	1020	3559	28.6597359