

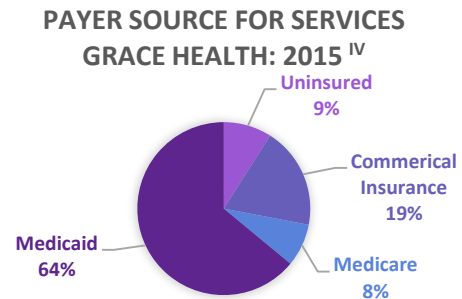
# ACCESS TO COMMUNITY RESOURCES

## ACCESS TO HEALTH CARE

GOAL: 100% OF Calhoun County residents will have access to quality health care

**HOW ARE WE DOING?** Work is being done to increase health care access in the community. Health care services are available at reduced cost through the Calhoun County Public Health Department, Fountain Clinic, Grace Health and the Nursing Clinic of Battle Creek. With a triple aim of expanding health care access in the community, recruiting and retaining medical staff; Bronson Healthcare, the Western Michigan University Homer Stryker, MD School of Medicine and Grace Health announced plans for a new residency training program. When fully operational, up to 18 residents will provide care at its two clinical training sites, Grace Health and Bronson Battle Creek. <sup>i</sup> Additionally, the Nursing Clinic of Battle Creek, a program of Community HealthCare Connections, operates a free mobile medical clinic which travels throughout the county, providing treatment for basic illnesses and injuries. In 2015, the mobile clinic provided 186 encounters and distributed over 125 sample medications. <sup>ii</sup>

NUMBER OF ENCOUNTERS			
	Fountain Clinic <sup>iii</sup>	Grace Health <sup>iv</sup>	Nursing Clinic <sup>ii</sup>
2011	5347	134,136	8036
2012	5442	130,054	6115
2013	5426	102,979	4277
2014	3800	125,548	1849
2015	3383	132,361	830



**Preventable Hospitalizations** are those where timely and effective care could prevent onset of an illness, control an acute episode of an illness or manage a chronic disease/condition. In 2014, Congestive Heart Failure was the leading ambulatory care-sensitive condition, accounting for 14.4% of preventable hospitalizations. For children under age 18, grand mal and other epileptic conditions were the leading ambulatory care-sensitive condition, accounting for roughly 11.9% of all preventable hospitalizations. <sup>v</sup>

PREVENTABLE HOSPITALIZATIONS, CHILDREN UNDER 18: CALHOUN COUNTY, 2014 <sup>v</sup>		
	Number	Percent
All Preventable Hospitalizations	219	100
Grand Mal & Other Epileptic Seizures	26	11.9
Asthma	24	10.9
Diabetes	23	10.5
Bacterial Pneumonia	19	8.7
Cellulitis	13	6.0
Kidney/Urinary Infections	10	4.6
Dehydration	7	3.2
Severe Ear, Nose & Throat Infections	4	1.8
All Others	93	42.4

PREVENTABLE HOSPITALIZATIONS, CHILDREN UNDER 18: CALHOUN COUNTY, 2014 <sup>v</sup>		
	Number	Percent
All Preventable Hospitalizations	3599	100
Congestive Heart Failure	519	14.4
Chronic Obstructive Pulmonary	429	11.9
Bacterial Pneumonia	392	10.9
Diabetes	280	7.8
Kidney/Urinary Infections	258	7.2
Cellulitis	211	5.9
Grand Mal & Other Epileptic Seizures	118	3.3
Asthma	83	2.3
Gastroenteritis	66	1.8
Dehydration	58	1.6
All Others	1185	32.9

Note: All sources cited on following page

# ACCESS TO COMMUNITY RESOURCES

## ACCESS TO DENTAL CARE

GOAL: 100% of Calhoun County residents will have access to quality dental care

**RATIONALE FOR INDICATOR:** Although tooth decay is largely preventable, it remains the most common chronic disease of both children and adolescents. Tooth decay is four times more common than asthma among adolescents ages 14 to 17; and also affects adults, with 90% of people over the age of 20 having some degree of decay.<sup>vi</sup> In Calhoun County, only 63.2% of adults reported visiting a dentist in the previous year, while 32.7% reported not having dental insurance at some point in the previous year.<sup>vii</sup> Tooth decay requires treatment and becomes more expensive to repair the longer it remains untreated. Community and school-based dental programs can be an effective and cost-efficient way to help improve oral health.

WORK OF THE DENTISTS PARTNERSHIP CALHOUN COUNTY: 2014 <sup>ii</sup>	
	Number
Volunteer Dentists	30
People Served	252
Free Cleanings and Screenings	123
Dental Exams	190
Donated Dental Treatment Visits	276
Hours of Community Service Provided by People Served	4863

The Dentists' Partnership is a commitment among dentists to serve individuals with the greatest and most urgent needs, regardless of ability to pay. Those who receive help have the opportunity to make a valuable contribution to their community by donating hours of community service. The dentists share the load equitably, can choose their level of contribution, and are provided support structures from the Partnership. Every recipient of services completes an oral health class, receives one-on-one training with a dental hygienist, and is given toothpaste, toothbrush and floss.<sup>i</sup>

Since the start of the Partnership, there has been a reduction in uninsured Emergency Department (ED) visits to Bronson Battle Creek from 1,036 visits in 2007 to 160 visits in 2015 (a rate of 3 per every 1,000 ED visits). In 2015, these uninsured visits accounted for approximately 16% of all ED visits where the primary diagnosis was a dental-related issue (996 total visits, at a rate of 18 per every 1,000 ED visits).<sup>viii, †</sup>

Grace Health offers a Portable Dentistry Clinic, delivered through all public schools in Calhoun County to over 3,000 students each year. Portable Dentistry services are available for all children (with parent/guardian permission), insured or uninsured at no charge. During the appointment, a dental hygienist completes a dental screening, cleaning, fluoride treatment and sealants, if needed.<sup>iv</sup>

<sup>i</sup> Bronson Battle Creek plans to become teaching hospital, Dillon Davis, Battle Creek Enquirer, [www.battlecreekenquirer.com](http://www.battlecreekenquirer.com), accessed November 18, 2016.

<sup>ii</sup> Community Health Care Connections, 2016.

<sup>iii</sup> Fountain Clinic, 2016.

<sup>iv</sup> Grace Health, 2016.

<sup>v</sup> Michigan Resident Inpatient Files, created by the Division for Vital Records and Health Statistics, Michigan Department of Health & Human Services, using data from the Michigan Inpatient Database obtained with permission from the Michigan Health & Hospital Association Service Corporation (last updated 04/07/2016).

<sup>vi</sup> Centers for Disease Control and Prevention, Hygiene-Related Disease, [http://www.cdc.gov/healthywater/hygiene/disease/dental\\_caries.html](http://www.cdc.gov/healthywater/hygiene/disease/dental_caries.html), accessed December 2, 2016 (last updated 9/22/16).

<sup>vii</sup> 2014 Calhoun County Behavioral Risk Factor Survey. Calhoun County Public Health Department.

<sup>viii</sup> Bronson Battle Creek, 2016.

<sup>†</sup> Visits where primary diagnosis is a dental issue. Data is for period of February 1, 2015 through January 31, 2016 due to change in electronic medical record system.