

# Genesis Medical Center DeWitt

## Community Health Needs Assessment Implementation Strategies

### Fiscal Years FY 2022 – 2024

Genesis Medical Center DeWitt (GMC DeWitt) completed a comprehensive Community Health Needs Assessment (CHNA) in collaboration with multiple community stakeholders that was revised and re-adopted by the Genesis Board of Directors on June 1, 2023. Genesis performed the CHNA in adherence with the applicable federal requirements for not-for-profit hospitals as set forth in the Affordable Care Act (ACA) and by the Internal Revenue Service (IRS). The assessment took into account a comprehensive review of secondary data analysis of patient outcomes, community health status and social determinants of health. In addition, primary data was gathered via a series of focus groups which solicited input from community members and various community organizations.

The complete CHNA electronic report is available on the Genesis Health System website (add link once approved). Printed copies are available at Genesis Medical Center DeWitt 1118 11<sup>th</sup> Street, DeWitt, Iowa.

### Hospital Information

#### Definition of the Service Area

GMC DeWitt serves the residents of Clinton County, particularly those living in six zip codes. These zip codes and the percentage of patients from each are shown below. Approximately 90% of patients for GMC DeWitt come from these zip codes (the threshold for a true service area is 90%).

<b>Table 1 Genesis Medical Center DeWitt Patient Origin 2022</b>			
<b>Zip Codes and Cities</b>	<b>Cases</b>	<b>Percent of Total</b>	<b>Cumm. Percent</b>
52742 De Witt	64	47.8%	47.8%
52732 Clinton	25	18.7%	66.4%
52730 Camanche	14	10.4%	76.9%
52777 Wheatland	8	6.0%	82.8%
52729 Calamus	6	4.5%	87.3%
52731 Charlotte	5	3.7%	91.0%
52751 Grand Mound	5	3.7%	94.8%
52727 Bryant	4	3.0%	97.8%
52254 Lost Nation	1	0.7%	98.5%
52750 Goose Lake	1	0.7%	99.3%
52757 Low Moor	1	0.7%	100.0%
<b>Total Inpatients</b>	<b>134</b>	<b>100%</b>	

Source: *Intellimed*

#### Services Provided by Genesis Medical Center DeWitt

GMC DeWitt, a critical access hospital, provides the following services:

- Emergency services and Level IV Trauma Center
- Ambulance (provided through Genesis Ambulance services)

- Diagnostic services – Laboratory, Radiology (X-Ray, MRI, Ultrasound, Bone Densitometry, Mammography, CT), EKG, ECHO, Sleep Studies and Pathology
- Surgical services
- Rehabilitative services – physical therapy, occupational therapy, speech therapy, cardiopulmonary rehabilitation
- Infusion Center
- Physician clinic - Pain management, Podiatry, Orthopedics and Ophthalmology
- Inpatient, acute care and observation
- Other services – pharmacy, care coordination, nutritional services, pre-admission and admitting, spiritual care



### **Genesis Mission Vision and Values**

**Mission** – Genesis Health System exists to provide compassionate, quality health services to all those in need.

**Vision** – Genesis will be a national leader in health care quality and safety, recognized by all as the best place in the region to receive care, practice medicine and work.

**Values** – Safety, Integrity, Compassion, Accountability, Respect and Excellence

### **Population Demographics and Social Determinants of Health**

#### **Population:**

Clinton County has a population of 45,705 (2022) and is expected to remain relatively flat at 45,924 (2027). Likewise, the GMC DeWitt service area population is 41,469 in 2022 and projected to be flat in 2027 at 41,455.

#### **Age:**

- The median age is 41.1 in 2022 and is estimated to be 41.3 in 2027.
- 19.1% of the Clinton County population is 65 or older which is higher than Iowa (16.39%) and the nation as a whole (15.25%).
- 6.0% are between the ages of birth (0) and 4 for Clinton County is comparable to Iowa (6.30%) and US (6.14%).

### Race and Ethnicity:

- Clinton County is predominantly white (93.8%), which is comparable to the rest of Iowa (90.3%) but higher than the county (72.8%).
- 90.5% of the GMC DeWitt service area is also predominantly white.
- 3.06% of the Clinton County population identify as Hispanic or Latino as compared to Iowa, 5.85% and the country 17.81%.

### Income:

- Median Family Income is \$67,549 for Clinton County as compared to \$74,794 for Iowa and \$73,965 for the US.
- Per capita income for Clinton County is \$27,942. This is lower than the Iowa per capita income of \$31,084 and the US \$32,620.

### Health Insurance:

- 22.87% of the Clinton County residents are on Medicaid versus 19.32% of Iowans and 22.18% of the US.
- 6.3% of Clinton County residents do not have health insurance versus 6.79% of Iowans and 12.45% of US citizens.
- The percentage of uninsured persons aged 18 - 64 in Clinton County has declined from 10.7% in 2011 to 5.9% in 2017. Similarly, both Iowa and the US reported declines in uninsured populations.

### Population in Poverty:

- 13.38% of Clinton County households receive SNAP benefits versus 10.67% of Iowans or 12.22% of the US.
- The percentage of the Clinton County population that receive SNAP benefits has increased from 11.9% in 2007 to 15.8% in 2017.
- 16% of Clinton County children 0 -17 are living in household with incomes below the Federal Poverty level. This higher than the rate for Iowa (14%) but lower than the national average of 20%.
- 38% of children are residing in households with income 200% below the Federal Poverty level compared to 36% of Iowa children and 41% of US children.

### Education:

- High school graduation rates for Clinton County have remained consistent at 87% over time (2012-13 to 2017-18). Whereas the graduation rate for Iowa has improved from 89% (2012 -13) to 91% in 2017-18.
- 8.94% of the Clinton County population age 25+ do not have a high school diploma. 8.01% of Iowans do not have a high school diploma.

### Housing:

- In Clinton County, there are 350 HUD-Assisted units per 10,000 housing units as compared to 302 units per 10,000 in Iowa and 377 per 10,000 housing units in the US.
- There are over 60 HUD-units in the DeWitt zip code greater than other zip codes associated with the GMC DeWitt service area.

Access to Food and Food Insecurity:

Food insecurity is defined as the household-level economic and social condition of limited or uncertain access to adequate food.

- 12.1% of Clinton County residents reported that they were food insecure.
- 17.3% of children under the age of 18 in Clinton County are food insecure.
- 10.9% of Iowans reported being food insecure as compared to 12.6% of Americans.
- 18.2% of children less than 18 years old in America report being food insecure.

**Health Needs of the Community**

The CHNA identified the health care needs within our community as shown below. These health needs were prioritized by nine stakeholders from various organizational and governmental positions within the community were surveyed in February 2022 to prioritize the needs.

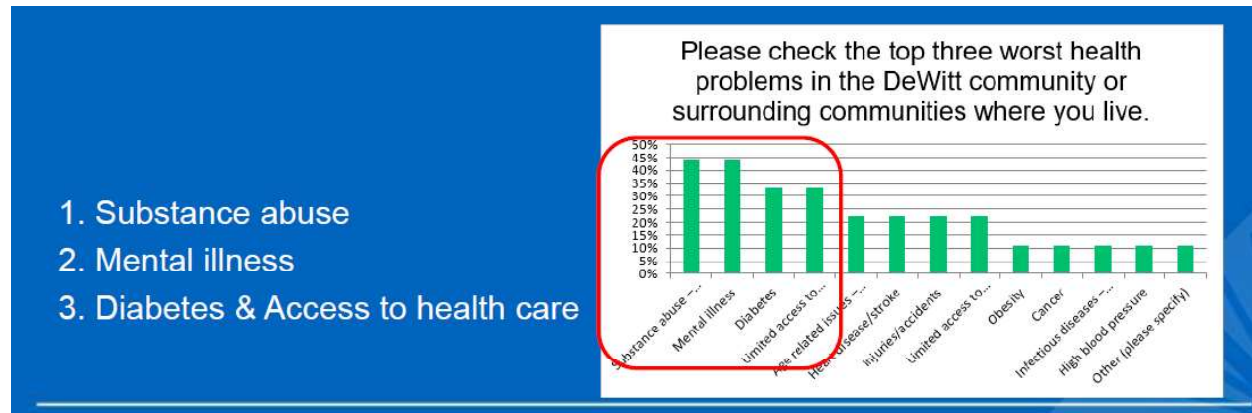
<b>Table 2 DeWitt Community Survey Responses: Please check the top three worst health problems in the DeWitt community or surrounding communities where you live.</b>		
<b>Answer Choices</b>	<b>Responses</b>	
Substance abuse – tobacco, vaping, marijuana, opioids, etc	44.44%	4
Mental illness	44.44%	4
Diabetes	33.33%	3
Limited access to healthcare- doctor or other health care provider	33.33%	3
Age related issues – dementia, falls/injuries, etc	22.22%	2
Heart disease/stroke	22.22%	2
Injuries/accidents	22.22%	2
Limited access to transportation	22.22%	2
Obesity	11.11%	1
Cancer	11.11%	1
Infectious diseases - COVID	11.11%	1
High blood pressure	11.11%	1
Other – parental support/guidance	11.11%	1
Suicide	0.00%	0
Poor nutrition	0.00%	0
Asthma	0.00%	0
Sexually transmitted diseases	0.00%	0
Teenage pregnancy	0.00%	0
Low birthweight babies	0.00%	0
Access to a dentist	0.00%	0
Access to healthy food	0.00%	0
	<b>Number of Respondents</b>	<b>9</b>

**GMC DeWitt Implementation Strategies**

The resources of the hospital, feedback from the community and Genesis strategic priorities were considered by the Genesis Board of Directors Community Benefit Advisory Committee as the identified health needs were reviewed and selected for improvement initiatives.

## Significant health needs to be addressed

GMC DeWitt will focus on developing and/or implementing initiatives and measuring their effectiveness, to improve the following health needs:



- Substance abuse – page 8
- Mental illness – page 10
- Diabetes and access to health care – page 12

## Significant needs that will not be addressed

GMC DeWitt is aware that there are many health issues and needs that were identified during the CHNA process. The Genesis Board of Directors Community Benefit Advisory Committee determined that the organization could effectively focus on four health needs which were felt to be the most important and within our ability to influence.

GMC DeWitt will not take action on the following health care needs:

- Age related issues – dementia, falls/injuries, etc. – GMC DeWitt does not plan to directly address this particular need but will continue to provide service to prevent or reduce the issues related to aging as well as diagnostic, treatment and rehabilitation services that address these needs.
- Heart Disease/Stroke – GMC DeWitt does not plan to directly address this particular need but will continue to provide diagnostic services, cardiovascular and thoracic treatment and rehabilitation therapies through the Genesis Heart Institute, GMC Davenport and GMC Silvis. In addition, GMC DeWitt will continue to work closely with area health care providers and organizations to provide community education re ways to prevent heart disease and stroke.
- Injuries/accidents - GMC DeWitt does not plan to directly address this particular need. The organization will continue to work with government officials, public health and others engaged in the prevention of injuries and accidents.
- Limited access to transportation - GMC DeWitt does not plan to directly address this particular need but will work with transportation officials in the community to provide transportation for those in need.

- Obesity - GMC DeWitt does not plan to directly address this particular need but will work with organizations in the community (schools, health department, exercise facilities, etc.) to inform the community regarding the health –related issues that stem from being overweight or obese and how to prevent them.
- Cancer - GMC DeWitt does not plan to directly address this particular need. There are several health care organizations providing cancer diagnostic services, treatment and rehabilitation in this region. We will continue to provide community education and prevention in addition as well as work with GMC Davenport and Silvis to provide medical oncology and radiation oncology services.
- Infectious diseases – COVID - GMC DeWitt does not plan to directly address this particular need. We will continue to work with our physicians, hospitals, health departments and others to provide community education, prevention and treatment.
- High blood pressure - GMC DeWitt does not plan to directly address this particular need but will continue to provide diagnostic services, and cardiovascular treatment to prevent and reduce high blood pressure. In addition, GMC DeWitt will continue to work closely with our health care providers and organizations to provide community education re ways to prevent and reduce high blood pressure.
- Other needs – parental support/guidance - GMC DeWitt does not plan to directly address this particular need but will continue to collaborate with area schools, religious institutions and other community resources to provide information re how to provide parental support and guidance to children and teens in the community.
- Suicide - GMC DeWitt does not plan to directly address this particular need. The prevention of suicide will be part of our mental health efforts. In addition, we will collaborate with GMC Davenport and Silvis on the Zero Suicide initiative.
- Poor nutrition - GMC DeWitt does not plan to directly address this particular need. We will continue to work with area schools, food banks and other community resources to educate the public re the health related problems stemming from poor nutrition.
- Asthma - GMC DeWitt does not plan to directly address this particular need because it is not one of the top health needs. We will continue to provide prevention and treatment through our Genesis Health Group primary care providers and pulmonologists.
- Sexually transmitted diseases – GMC DeWitt will not directly address this particular need as it was not one of the top health needs identified by our stakeholders. We will continue to provide diagnosis and treatment through our Genesis Health Group and in cooperation with the county health department.
- Teen pregnancy - GMC DeWitt will not directly address this particular need as it was not one of the top health needs identified by our stakeholders.

- Low birthweight babies – While this is a priority for GMC Davenport and Silvis, this particular health need did not emerge as a top health need. We will work with the two hospitals, health department, providers and others to provide education and prevention.
- Access to dentists - GMC DeWitt will not directly address this particular need as it was not one of the top health needs identified by our stakeholders.
- Access to healthy food – GMC DeWitt will not directly address this particular need as it was not one of the top health needs identified by our stakeholders

This implementation strategy identifies community health needs that GMC DeWitt and Genesis Health System have decided to address in whole or in part and that are consistent with our mission. Genesis reserves the right to amend this implementation strategy as circumstances indicate. If, during these three years, other community organizations decide to address particular needs, then Genesis may refocus its limited resources to meet other needs identified during the CHNA process.

## CHNA IMPLEMENTATION STRATEGY

### Fiscal Years 2022 - 2024

<b>Hospital Facility:</b> GMC DeWitt	
<b>CHNA Significant Health Need:</b> Substance Abuse	
<b>CHNA Reference:</b> Page 138, 143	<b>Prioritization #:</b> 1

**Brief Description of Need:**

- The CHNA survey identified an estimated 10,308 or 27.5% of adults age 18 or older that reported currently smoking cigarettes either some days or every day. This is significantly higher than the Iowa and US percentages of 18.1.
- The percentage of adults that reported ever smoking 100 or more cigarettes is 49% as compared to 44% for both the state of Iowa and US
- The percentage of adults (age 18+) who self-report heavy alcohol consumption (i.e. more than two drinks per day on average for men and one drink per day for women) in Clinton County is 23.3% , which is higher than the state level of 21.4% and greater than the US level of 16.9%.

**Goal: To reduce the number of people who currently smoke cigarettes or vape.**

**Impact Measures:** GMC DeWitt

CHNA Impact Measures	CHNA Baseline	Target
The percentage of adults currently smoking cigarettes in the GMC DeWitt service area/Clinton County.	27.5%	25%

**Actions that GMC DeWitt intends to take:**

Strategies	Timeline			Committed Resources		Potential Partners
	Yr1	Yr2	Yr3	Hospital	Other Resources	
Work with the DeWitt/Camanche coalition to provide education and information re hazards of smoking at area schools.	X	X	X	Provide staff time to attend coalition meetings and school presentations GHS Wellness staff.	Printing Communications	DeWitt/Camanche coalition Community schools



Strategies	Timeline			Committed Resources		Potential Partners
	Yr1	Yr2	Yr3	Hospital	Other Resources	
Provide smoking cessation programs at GMC DeWitt or other accessible venues in our service area.	X	X	X	Staff time	Promotion	GHS marketing/corp com Key stakeholders engaged in this CHNA County Health Dept

**Plan to evaluate the impact:**

GMC DeWitt leadership and Business Development staff will evaluate progress using the results of the next community health needs survey on the percentage of people who currently smoke.

## CHNA IMPLEMENTATION STRATEGY

### Fiscal Years 2022 - 2024

<b>Hospital Facility:</b>	<b>GMC DeWitt</b>
<b>CHNA Significant Health Need:</b>	<b>Mental Illness</b>
<b>CHNA Reference: Page 153</b>	<b>Prioritization #: 2</b>

**Brief Description of Need:**

- The CHNA results indicate that 18.6% of the Medicare beneficiaries in Clinton County report depression. This is comparable to the rest of the state of Iowa (18.9%) but slightly higher than the percentage of US Medicare beneficiaries (17.9%).
- Depression among Clinton County Medicare beneficiaries has increased from 14.4% in 2011 to 18.6% in 2017. This is comparable to the Iowa rate which grew from 14.9% to 18.9% and the US which rose from 15.3% in 2011 to 17.9% in 2017.
- Access to mental health providers can be measured in part by the number of mental health care providers per 100,000 population. For Clinton County there are 131 providers per 100,000 population. This is low compared to 157.7 for Iowa as a whole and 202.80 for the US.

**Goal: To reduce the percentage of Medicare beneficiaries reporting depression.**

**Impact Measures: GMC DeWitt**

CHNA Impact Measures	CHNA Baseline	Target
The percentage of Medicare beneficiaries reporting depression.	18.9%	17.9%

**Actions that GMC DeWitt intends to take:**

Strategies	Timeline			Committed Resources		Potential Partners
	Yr1	Yr2	Yr3	Hospital	Other Resources	
Provide education regarding signs and treatment for the staff and residents living at the DeWitt WellSpire senior living complex.	X	X	X	Provide staff	Marketing Educational materials	Wellspire – Fieldstone at DeWitt MercyOne behavioral health
Provide education regarding signs and treatment for the staff and older adults at least two senior service organizations.	X	X	X	Provide staff	Marketing to publicize screenings	MercyOne behavioral health Senior service organizations

**Plan to evaluate the impact:**

Business Development staff will review the survey findings from the next survey to determine if the percentage of Medicare beneficiaries reporting depression is lower.

## CHNA IMPLEMENTATION STRATEGY

### Fiscal Years 2022 - 2024

<b>Hospital Facility:</b>	<b>GMC DeWitt</b>
<b>CHNA Significant Health Need:</b>	<b>Diabetes</b>
<b>CHNA Reference: Page 154</b>	<b>Prioritization #: 3</b>

**Brief Description of Need:**

- The CHNA results indicate that the percentage of adults in Clinton County reporting they have been diagnosed as having diabetes is 10.3%, which is higher than for Iowa as a whole (8.6%) and the US (9.5%).
- The percentage of adults with diabetes diagnosed for Clinton County has increased from 7.0% in 2004 to 10.3% in 2017. This compares to Iowa which has seen a decrease – 21% in 2004 versus 19.6% in 2017. The percentage reported for the US has remained relatively fixed – 22.5% in 2004 compared to 20.4% in 2017.

**Goal: To reduce the percentage of adults (20+) with diabetes.**

**Impact Measures: GMC DeWitt**

CHNA Impact Measures	CHNA Baseline	Target
The percentage of adults with diabetes (self-reported).	10.3% Clinton County	8.6% Iowa reported percentage

**Actions that GMC DeWitt intends to take:**

Strategies	Timeline			Committed Resources		Potential Partners
	Yr1	Yr2	Yr3	Hospital	Other Resources	
Genesis Health Group primary care providers will continue to test and monitor their adult patients for diabetes.	X	X	X	GHG providers and clinic staff	Education materials	Clinton County Health Dept
Work with community organizations (e.g. the Clinton County Health Department) to provide education re how to prevent diabetes.	X	X	X	Staff time	Education materials	Clinton County Health Dept Food banks Extension office

**Plan to evaluate the impact:**

Business Development staff will review the survey results from the next CHNA survey to determine if the percentage of adults reporting they have diabetes is lower.

## CHNA IMPLEMENTATION STRATEGY

### Fiscal Years 2022 - 2024

<b>Hospital Facility:</b>	<b>GMC DeWitt</b>
<b>CHNA Significant Health Need:</b>	<b>Access to Health Care</b>
<b>CHNA Reference: Page 133</b>	<b>Prioritization #: 3</b>

**Brief Description of Need:**

- The CHNA results indicate that 16.35% of the Clinton County respondents reported that they did not have a regular doctor. This is actually better than the Iowa percentage (17.93%) and the US (22.07%).
- The lack of a consistent source of primary care is higher for non-Hispanic Black individuals in Clinton County (36%) and for Hispanic or Latino respondents (42%) as compared to non-Hispanic white respondents (16%).

**Goal: To decrease the percentage of Clinton County residents that do not have a regular doctor.**

**Impact Measures: GMC DeWitt**

CHNA Impact Measures	CHNA Baseline	Target
Percentage of patients that report they do not have a regular doctor.	16%	14%

**Actions that GMC DeWitt intends to take:**

Strategies	Timeline			Committed Resources		Potential Partners
	Yr1	Yr2	Yr3	Hospital	Other Resources	
Continue to provide and publicize 421-DOCS as a way for individuals to find and schedule an appointment with a physician.	X	X	X	Fund and staff 421-DOCS		
Continue to provide social media posts re the importance of having a regular provider.	X	X	X	Funding and staff	Social media	

**Plan to evaluate the impact:**

Business Development staff will review the survey results from the next survey to determine if the percentage of adults reporting they do not have a regular physician is lower. We will also monitor the number of calls received through 421-DOCS.

## Adoption of Implementation Strategy

On October 5, 2023, the Genesis Board of Directors (includes GMC DeWitt) reviewed the 2023-2025 Implementation Strategy for addressing the community health needs identified in the 2022 Community Health Needs Assessment. Upon review, the Board approved this Implementation Strategy and the related budget.

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Name of President/CEO and or CFO

10/19/23  
\_\_\_\_\_  
Date