

# Leadership Market Pack

# Wisconsin

## What's the purpose of the market pack?

Welcome to the Leadership Market Pack! This information is intended to provide a single-point of reference on key trends within the evolving health care environment.

This deck consists of several pieces of information :

- A snapshot of the overall headwinds and trends that are being seen nationally & in Wisconsin
- Key pediatric market trends including a Children's market share snapshot
- Children's high-level internal trends and information on our services & assets
- Information on the other systems in the State (including their market share, size and pediatric services) and the moves they are making in the market

We hope this deck provides you with key information that helps you keep abreast of the everchanging healthcare landscape and assists you in making decisions.



## Table of Contents

- 1. <u>Overall Healthcare Landscape</u>
- 2. <u>Wisconsin Market Trends</u>
- 3. <u>Children's Trends & Services Overview</u>
- 4. Systems Across the State
  - a) <u>Key System Profiles</u>
- 5. <u>Appendix</u>



## Market Executive packs vs. Service Line packs

### Market Executive Pack

- Created 2x/year for senior executive team and VPs
- Broad overview of pediatric landscape in WI and nationally.
- High level market analysis of Wisconsin pediatrics
- In-depth view of competitor capabilities

## Service Line Pack

- Created 2x/year for review with service line leadership
- Service line specific data and analysis in statewide, regional and national capacities.
- Incorporation of service line leadership feedback and assessments to VP team monthly.



## **Executive Summary - Overall**

- The healthcare market continues to shift rapidly, from changes in consumer expectations and behavior, to innovations in technology.
- New entrants into the healthcare space continue, providing additional choices for consumers often times more convenient and cheaper than traditional health care avenues
- The Wisconsin pediatric population continues to decline, increasing the need to expand reach to achieve the necessary scale to be effective and maintain services
- The adult market has been declining over the past several years. As a result many adult systems have been acquiring smaller hospitals or building new sites of care, both consolidating the market and expanding those system's reach
- Advocate-Aurora is the market leader in births and NICU volume throughout the State, but especially in southeast and northeast Wisconsin where they have a presence
- Children's is the market leader in both the southeast and northeast regions for pediatric hospitalizations and outpatient surgeries
- Children's hospitalizations were growing prior to the pandemic and their Statewide share of pediatric hospitalizations grew, despite the flat market
- Children's share of higher-acuity patients has also increased, indicating that our growing inpatients are the sickest patients
- Children's outpatient specialty volumes and outpatient surgery volumes have increased significantly (22% and 10% respectively) driving an increase in the % of overall gross patient revenue coming from outpatient



Overall Healthcare Landscape



## Executive Summary – Overall Healthcare Landscape

- Only a small percent of children require hospitalization (5-7%), but virtually 100% benefit from primary care and health management
  - In Wisconsin, children account for only 22% of the population and less than 8% of inpatient discharges
- There are many factors and changes that are impacting healthcare as a whole. As a result scale, care coordination, integration & financial strength are key to being successful.
- Payers and employers are focused on affordability, transparency and new payment models accelerating a move to value.
  - Two-thirds of Children's contracts have a value-based component
  - An increasing number of employers are looking to contract directly for services such as advanced primary care
- Consumers are also looking for affordability, but convenience is import to them as well.
  - Over half of consumers feel access if the most important factor when choosing care
  - Premium contributions and deductibles in employer plans accounted for 11.5% of median household income in 2019
- Care is moving to different settings and alternate delivery channels continue to increase, providing convenience and affordability for consumers
  - Walmart is advancing a healthcare strategy that includes stand-alone clinics with 20 currently available and plans for up to 4,000 more. They post a standard price list, which includes \$20 pediatric primary care visits that allow many patients to completely bypass insurance
  - The pandemic accelerated adoption of tele-medicine visits, with an 11 percentage point increase in live video visits from 2019 to 2020
- Innovations in technology and pharmaceuticals have also accelerated to keep pace with the changing environment
  - Artificial intelligence is projected to become a \$6.6 billion industry this year
  - A medical school in West Virginia used virtual reality to train orthopedic surgery residents when elective surgeries were cancelled due to the pandemic
  - Specialty drugs currently account for 51% of pharmacy spend

## The Impact of Changing Market Dynamics

Only 5-7% of the pediatric population will utilize hospital care; 27% will use specialty outpatient services; virtually 100% will utilize primary care in some capacity.

# **TĂTĂTĂTĂTĂTĂTĂTĂTĂ**

Networks | Health Plans | Health Management



Primary Care | Community Services



Hospital Care/Research/Education

Our significant growth opportunities are outside of the hospital through outpatient services, health plan services and health management

Primary care, community and health plan services have the largest healthcare impact on population-level child wellbeing

Convenience and affordability are increasingly driving families' and employers' decisions

Our high-end services depend on a large base of primary care and network-covered lives



Confidential – Do not distribute

## Adult vs Pediatric Inpatient Market Scale

On average, children are healthier than adults and are hospitalized less often. In order to achieve necessary scale, children's hospitals must serve much broader geographies than adult hospitals.





Source: <sup>1</sup>US Census Bureau – Peds is age 0-17, Adult is 18+,

<sup>2</sup>WHA State Data, Patients from WI only

<sup>3</sup>Excludes normal newborns, includes OB and mental health discharges. Discharges based on 2019 volumes for Wisconsin patients only

## Macro Trends Impacting Health Care

Scale, care coordination, integration & financial strength are key to being successful in this environment



## National – Macro Trends Payers, Employers, Consumers

***	<b>Payers &amp; Employers</b> are focused on affordability, transparency & new payment models - accelerating the move to value	<b>76%</b> of Children's current contracts have some value-based component to them	<b>24%</b> of employers are looking to contract directly for advanced primary care in select markets <sup>1</sup>	To comply with the CMS Hospital Price Transparency rule, standard charges for <u>at least</u> <b>300</b> shoppable services that can be planned in advance, must be posted for consumers <sup>2</sup>
Ĩ Ĵ Ĵ Ĵ Ĵ L È	<b>Consumers</b> are looking for convenience, affordability & experience - as a result, they are taking more responsibility for their care	<b>51%</b> of consumers believe convenient access is the single-most important factor driving their health care decisions <sup>3</sup>	Over <b>half</b> of the U.S. workforce is enrolled in a high-deductible health plan <sup>4</sup>	Premium contributions and deductibles in employer plans accounted for <b>11.5%</b> of median household income in 2019 <sup>7</sup>
	<b>Health Equity/SDOH</b> is becoming widely recognized for its impact on health - as a result is becoming a focus of many health care organizations	From January 1, 2017, to Novem <b>\$2.5 bill</b> of health system were direct financial inves determinants of h	funds tments in social ex	Over 50% of states are implementing or panding Medicaid programs that address social needs <sup>6</sup>

<sup>1</sup>https://www.catalyze.org/mythbuster-direct-contracting/-According to the 2020 Large Employers' Health Care Strategy And Plan Design Survey by the National Business Group on Health

<sup>2</sup>https://www.cms.gov/hospital-price-transparency/consumers

<sup>3</sup> NRC 2020 Healthcare Consumer Trends Report on 51 percent of convenient

<sup>4</sup> https://www.valuepenguin.com/enrollment-changes-to-high-definition-health-insurance-plans

<sup>5</sup> https://www.healthaffairs.org/doi/10.1377/hlthaff.2019.01246

<sup>6</sup> https://www.benefitspro.com/2021/06/29/investing-in-social-determinants-of-health-hows-it-going/?slreturn=20210711094100

7 https://www.commonwealthfund.org/publications/issue-briefs/2020/nov/state-trends-employer-premiums-deductibles-2010-2019

National – Alternative Delivery Channels Patients are accepting greater accountability for their health and as a result care continues to move to alternative settings including outpatient, home, retail and diaital; with technology being a key factor to enablement.





DIGITAL HEALTHCARE

Live video telemedicine usage increased to

43% among consumers in 2020, up from 32 percent in 2019.

Digital health tracking tools rose to

54% adoption in 2020, from 42 % in 2019

43%

of consumers having a wearable device with digital health capabilities

The number of health care enhancing mobile applications Children's has or is launching

Walmart : Health

Started Walmart Health which currently includes

physician-staffed stand alone healthcare clinics, with plans to expand to ~4,000 by 2029

87% of stores offer healthcare services

**S20** 

The price for a pediatric primary care visit at a Walmart Health clinic

Partnered with Medicare Advantage insurer Clover Health to provide health insurance plans to

500,000 people in Georgia





Partnered with Crossover Health to launch

health centers providing care for Amazon employees & their dependents

#### amazon care

Provides the following services:

- Virtual care to companies & Amazon employees across the country
- In-person, in-home care for companies in Washington State, including Amazon employees expanding to Washington DC & Baltimore
- Home prescription delivery for patients



12

## National – Device & Pharma Innovations

Innovations in technology & pharmaceuticals have accelerated & are necessary to keep pace with the changing environment



#### Tech Company Innovation

Large tech companies are using their technologies and resulting data to help shape the future of healthcare

- Mayo Clinic has a partnership with Google, including an Al innovation lab, to use their patient data to discover & advance innovations in detection, diagnosis and care
- Google is developing a pill that uses nanoparticles to identify cancer, potential heart attacks and other health conditions
- Apple is studying whether the Apple Watch can detect atrial fibrillation
- IBM Watson for Oncology can provide physicians with insights to better identify the right treatment for each patient.



# Wisconsin Market Trends

## Executive Summary – Wisconsin Market Landscape

The Wisconsin market continues to see shifts as well:

- Adult systems are consolidating with 14 hospitals being purchased by other systems
- Five micro-hospitals have opened in Southeast Wisconsin, changing the care delivery options in our primary market
- Children's is getting the sickest of the sick in the hospital with Children's share of patients with a CMI of 1.5 or greater growing 6 percentage points from 2016-2019
- 20% of kids need help with their mental health, but only half of them actually get the care they need
- The pandemic had an impact on unemployment and increased the % of kids needing to be covered by Medicaid by nearly 6%
- Births have declined over 7% from 2016-2019 and the overall pediatric population declined 1.7% during that time
- There are 4 "children's hospitals" in the State, with all of them having dedicated pediatric beds, a NICU and a PICU; as well as some complement of pediatric specialists
- Pediatric hospitalizations have been relatively flat from 2016-2019, but Children's share increased by 6 percentage points showing that the pediatric market is consolidating as well
- NICU volumes were less impacted by the decline in births, with a higher percent of births requiring some level of additional care
- The southwest Wisconsin pediatric hospitalizations market shifted the most from 2016-2019, declining by 12% during that time, while the southeast market grew nearly 6% during that time due to a higher viral season
- Children's holds the highest share by far for care for Southeast Wisconsin patients
  - 87% share for pediatric hospitalizations
  - 93% share for inpatients
  - 74% for outpatient surgery
- Children's also is the market leader in the northeast Wisconsin region holding 48% of total hospitalizations and 20% of outpatient surgery
- Advocate-Aurora holds the highest share of births and NICU volumes in both southeast Wisconsin (39% & 40%) and northeast Wisconsin (30% & 23%)



#### 

Additional Factors Impacting Pediatric Volumes in Wisconsin



## Wisconsin Pediatric Care Snapshot

#### Key Pediatric Data Points at all hospitals in Wisconsin

- 4 children's hospitals ٠
- 340 total pediatric beds\* ٠
- 568 NICU beds\*\* •
- 28 NICUs\*\* •

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**109 PICU beds** •

- 23,955 pediatric hospitalizations •
- 6,304 NICU discharges ٠
- 58,399 births •
- 52,412 outpatient surgeries •
- 367,865 Emergency Room visits •

2019 Volumes, WI patients only

18

marshfield children's HSHS St. Vincent Hospital 24 bed pediatrics unit located within 20 bed unit located inside St Vincent Hospital Marshfield Clinic Hospital including an 8 24 bed NICU bed PICU 4 bed PICU **Other Wisconsin** More then 40 pediatric specialties 25 pediatric specialty clinics 37 pediatricians 14 pediatricians ٠ Dedicated pediatric cancer wina Inpatient pediatric rehab program 24 bed NICU Northeast Children's Wisconsin Wisconsin - Fau Claire Wisconsin's only independent free-standing American Family Children's Green Ba children's hospital Appleton 318 beds at 2 hospital locations On the campus of University of Wisconsin- Oshkosh Over 300 pediatric specialty physicians Madison Hospital 100+ pediatricians Fond du Lac 111 total beds including: 92 NICU beds between the 2 locations (Level IV 26 bed level IV NICU Southwest in Milwaukee, Level III in Neenah) 21 bed PICU Wisconsin Level 1 surgery center Madison MILWAUKEE Level 1 trauma center Level 1 trauma center Southeast Over 200 specialists Wisconsin Racine 72 bed PICU 40 pediatricians

## Wisconsin Pediatric Volume Trends

## Pediatric Hospitalizations



- Relatively flat from 2016-2019 (\$0.84%)
- However, CW's share increased from 42% to 48%
- UW-Madison (American Family Children's) saw a declining market share, currently 16%
- Advocate Aurora had an average of 2.8% of pediatric hospitalizations



- NICU volumes not impacted by decline in births
- A higher % of births are requiring some level of additional care.
- Opportunity for CW to have more involvement in the care and management of lower acuity patients.



<sup>\*</sup>Proxy for volumes in Level II, L III & L IV NICUs / based on a combination of revenue code & APR-DRG

## Wisconsin Pediatric Environment – A Changing Patient Mix



The market is shifting<sup>1</sup>...

 $^{\rm 1}$  based on the trend from 2016-2019 due to the impact of the pandemic



### as a result the acuity of inpatients is changing<sup>2</sup>

acuity viral hospitalizations.The increasing CMI, along with flat inpatient volumes,



Children's Milw. CMI\*/Avg Length of Stay Trend



\*CMI based on APR-DGR Pediatric length of stay relative weight via Children's Hospital Association, excludes patients with a normal newborn, neonate, mental health or obstetrics MSDRG

## Children's Marketshare Snapshot

#### 2020 share

Statewide	SE WI	NE WI	SW WI	NW WI
49%	87%	48%	6%	5%
52%	93%	52%	7%	7%
14%	23%	17%	N/App	N/App
N/App	74%	20%	N/App	N/App
N/App	43% <sup>5</sup>	N/App (Theda holds 25% share)	N/App	N/App
	49% 52% 14% N/App	49% 87% 52% 93% 14% 23% N/App 74%	49%       87%       48%         52%       93%       52%         14%       23%       17%         N/App       74%       20%         N/App       43% <sup>5</sup> N/App	49%       87%       48%       6%         52%       93%       52%       7%         14%       23%       17%       N/App         N/App       74%       20%       N/App         N/App       43% <sup>5</sup> N/App       N/App

campuses <sup>3</sup>NICU volume based on hospitals located in the region, regardless of patient origin - Proxy for volumes in Level II, L III & L IV NICUs / based on a combination of revenue code & APR-DRG <sup>4</sup>Includes volumes at Milwaukee & Fox Valley campuses and Surgicenter <sup>5</sup>Based on emergency rooms located in the region



## Pediatric Volumes & Share – Northeast WI 2020 Data

### Total Hospitalizations





## Births and NICU Volumes & Share – Southeast WI



<sup>1</sup> Birthing volumes is based on patients from Southeast WI. <sup>2</sup> NICU volume based on hospitals located in the region, regardless of patient origin - Proxy for volumes in Level II, L III & L IV NICUs / based on a combination of revenue code & APR-DRG

## Births and NICU Volumes & Share – Northeast WI



<sup>1</sup> Birthing volumes is based on patients from Southeast WI. <sup>2</sup> NICU volume based on hospitals located in the region, regardless of patient origin - Proxy for volumes in Level II, L III & L IV NICUs / based on a combination of revenue code & APR-DRG



Children's Trends & Services Overview



## Executive Summary – Children's Trends

- Despite the declining market from 2016-2019 for total hospitalizations, Children's volume continued to grow with inpatients increasing nearly 12%
- Gross inpatient revenue has become a smaller portion of our overall gross revenue (from 61%-59%), but is still the main driver of our margin
- Outpatient specialty volumes increased 28% and outpatient surgery increased nearly 10% from 2016-2019 highlighting a continued shift to outpatient care
- Children's holds at least 85% share in it's primary market of southeast Wisconsin in 10 of its top service lines



## Children's Wisconsin Inpatient & Gross Patient Service Revenue Trend

From 2016-2019, despite a declining market, our inpatient volume continued to grow (+11.8%), as did our observation volume (10.2%).

IP volume saw a ~23% decline from 2019-2020.





However, gross inpatient revenue has become a smaller portion of our overall gross patient service revenue.

Despite this shift, inpatient revenue still drives our margin

Note: Margin is driven by hospital inpatient

#### Source: Children's & SGM operations report, Finance, Insight

## Children's Wisconsin Outpatient Trend



Source: Children's & SGM Operations Reports, Ambulatory Operations Team, Finance Ambulatory Report Includes psych/behavioral health and CAC volumes

## Children's Hospital Marketshare for Top Volume Service Lines

#### 2020 Total Hospitalizations Market Share for Children's WI Top Service Lines/Services\*

Service/Service Line	State Wide <sup>3</sup>	SE WI	NE WI	SW WI	NW WI
Neonatology (NICU) <sup>1</sup>	14%	23%	17%	N/A	N/A
Heart	68%	97%	87%	15%	<b>48%</b> <sup>2</sup>
Gen Medicine/Peds	49%	88%	42%	6%	3%
Respiratory	50%	95%	43%	5%	4%
Pulmonary	49%	88%	39%	3%	0%
GI	58%	97%	67%	10%	8%
General Surgery	46%	80%	45%	5%	8%
Neurosciences	55%	94%	58%	7%	4%
НОТ	56%	99%	47%	5%	9%
Infectious Disease	47%	87%	47%	5%	2%
ENT	50%	86%	52%	6%	5%
Orthopedics	41%	86%	47%	3%	2%

Children's Wisconsin

Total hospitalizations includes inpatient and observation volumes \*Top by volume & contribution margin <sup>1</sup>NICU volume based on hospitals located in the region, regardless of patient origin - Proxy for volumes in Level II, L III & L IV NICUs / based on a combination of revenue code & APR-DRG <sup>2</sup>Marshfield Clinic (who we partner with for heart surgery) held 18% of share <sup>3</sup>Includes patients from WI only

## Children's Inpatient/Observation





#### Children's Hospital – Milwaukee Campus

- 298 total beds
- Level I trauma Center
- Level I surgery center
- Level IV 72 bed NICU
- 72 bed pediatric ICU
- Average of ~9,000 discharges annually (through 2019)



#### Children's Hospital – Fox Valley Campus

- ThedaCare Regional Medical Center -Neenah
- 42 total beds
- 20 bed level III NICU
- Over 550 discharges annually (through 2019)





Source: Hospital operations report

## Children's Ambulatory Specialty Care

More than 70 medical specialties in 9 locations in, Southeast & Northeast Wisconsin with nearly 670 specialty care providers

Site	Specialties/Services Provided	Site	Specialties/Services Provided	
Milwaukee	<ul> <li>Over 70 pediatric specialties &amp; sub-specialties throughout t clinic buildings 1 &amp; 2</li> </ul>	he hospital and Greenfield	<ul> <li>Adolescent Medicine</li> <li>Audiology</li> <li>Ear, nose, and throat</li> <li>Imaging</li> <li>Orthopedics</li> </ul>	<ul> <li>Occupational therapy (hand)</li> <li>Physical medicine &amp; rehabilitation</li> <li>Spine care</li> <li>Sports medicine/Sports physical therapy</li> </ul>
New Berlin	<ul> <li>Audiology</li> <li>Genetics</li> <li>Cardiology</li> <li>Imaging</li> <li>Pulmo</li> </ul>	almology h Kenosha y	<ul> <li>Adult congenital heart disease</li> <li>Asthma/allergy</li> <li>Audiology</li> <li>Cardiology</li> <li>Cardiology</li> <li>Dermatology</li> <li>Diabetes</li> <li>Ear, nose and throat</li> <li>Gastroenterology/Liver</li> <li>Lab Services</li> </ul>	<ul> <li>Neurology</li> <li>Orthopedics</li> <li>PT/OT</li> <li>Rehabilitation</li> <li>Rheumatology</li> <li>Speech and Hearing</li> <li>Sports Medicine</li> <li>Urology</li> </ul>
Delafield	<ul> <li>Audiology</li> <li>Cardiology</li> <li>Craniofacial and plastic surgery</li> <li>Ear, nose and throat</li> <li>Gastroenterology</li> <li>NEW Kids</li> <li>Lab services</li> <li>Speed</li> </ul>	nary h medicine therapy y Neenah	<ul> <li>Adult congenital heart disease</li> <li>Asthma/Allergy</li> <li>Audiology</li> <li>Cardiology</li> <li>Diabetes</li> <li>Endocrine</li> <li>Gastroenterology</li> <li>Neonatal Development F/U</li> <li>Nephrology</li> </ul>	<ul> <li>Neurology/Neurosurgery</li> <li>Nutrition</li> <li>Orthopedics</li> <li>Pulmonary</li> <li>PT/OT &amp; Rehab</li> <li>Rheumatology</li> <li>Speech</li> <li>Surgery</li> <li>Urology</li> </ul>
	<ul> <li>Asthma/allergy</li> <li>Audiology</li> <li>Cardiology (Echo)</li> <li>Dermatology</li> <li>Maging</li> <li>Laboratory</li> <li>Neurology</li> <li>Orthopedics</li> <li>Sports</li> </ul>	h h	<ul> <li>Diabetes</li> <li>Endocrine</li> <li>Gastroenterology</li> </ul>	<ul><li>Surgery</li><li>Urology</li></ul>
Mequon	Ear, nose and     Ophthalmology     medic	ine/Sports al therapy y	<ul><li>Adult congenital heart disease</li><li>Cardiology</li><li>Gastroenterology</li></ul>	<ul><li>Surgery</li><li>Urology</li></ul>

Appleton

Additionally, heart services are offered at Prevea clinics & Women's Specialty Care in Green Bay, St. Agnes in Fond du Lac, Dickinson Health in Iron Mountain, Michigan, Mercy in Oshkosh, All Saints in Racine

Source: Children's website \*Mental/Behavioral/Developmental Health is listed on a separate page 32

## Children's Ambulatory Specialty Visits



Site		2016-2017	2017-2018	2018-2019	2019-2020
Milwa	ukee	1%	2%	3%	-29%
New E	Berlin	14%	10%	7%	-25%
Green	field	0%	31%	3%	-1%
Mequ	on²	118%	22%	12%	-23%
Neena	ah	23%	19%	2%	-10%
Delafi	eld	4%	9%	16%	-25%
Kenos	ha	5%	10%	122%	-2%
West	De Pere <sup>3</sup>		92%	9%	-23%
Apple	ton	60%	1%	-17%	3%
Green	Bay <sup>3</sup>	-69%	-58%	16%	6%

Year-over-Yea

Change



Source: Ambulatory Operations Team, Finance Ambulatory Report, includes volumes at psych, behavioral health & CACs \*There was a GI provider departure at the Appleton Clinic in 2018 that resulted in the decline in volume.

### Children's Mental/Behavioral/Developmental

#### **Inpatient Services**

Milwaukee Campus

#### **ED Crisis Services**

• Milwaukee Campus

#### **Outpatient Services**

#### Southeast Wisconsin

- Milwaukee Campus
- Family Peace Center Milwaukee
- 76th Street Milwaukee
- Franklin
- Glendale
- Greenfield
- Mequon
- New Berlin
- Pewaukee
- Burlington
- Kenosha
- Mount Pleasant
- Child development center Brookfield
- Integrated behavioral health in primary care and urgent care
- School based mental health services at 67 schools beginning this fall
- Center of Excellence partnership with Rogers & Medical College in Brown Deer
- Project Ujima

#### Other Wisconsin Locations

- Green Bay
- Eau Claire
- Madison
- Marshfield
- Stevens Point
- Wausau
- Partnered with ThedaCare and Ascension to form Catalpa Health in the Northeast Region

#### Statewide

• Provides services Statewide via telehealth



#### Mental/Behavioral Health Outpatient Volumes



Source: Mental Health Operational Team

## Children's Surgical







- Milwaukee Campus Inpatient & Outpatient Surgery
  - o 14 operating rooms & 3 special procedure rooms
  - Once construction of the new space is completed in December, there will be 15 operating room
- Surgicenter Outpatient surgery center located in West Allis
  - o 6 operating rooms
- General Surgery clinics at several off-campus locations including\*\*:
  - Appleton o Neenah
  - Delafield o New Berlin
  - Mequon
     West De Pere
- Partnership with Marshfield Clinic Health Center
  - o Heart surgeons perform procedures in Marshfield
  - o General surgery partners to provide coverage as needed
  - Urology surgeries are performed in Marshfield

Source: Hospital & Surgicenter operations report \*Outpatient Surgical cases includes adult & peds Surgicenter volumes \*\*Other surgical specialties hold clinic at off-campus locations including services for pre & post-op care

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## Children's Primary Care

- 22 locations in Southeast Wisconsin
- 100+ physicians
- 20 advanced practice providers



\*From Insight Primary Care Operations Application – count of completed encounters by year Includes encounters at pediatrician sites, excludes Greensquare and mental health sites



#### **Completed Encounters\***
# Children's Emergency/Urgent Care

- Emergency room services provided at Milwaukee Campus
- 6 urgent care sites in Southeast Wisconsin
- Children's Online Urgent Care





# Children's Community Health Plan

#### **CCHP Medicaid Enrollment Trend**



#### CCHP Marketplace Enrollment Trend



- Founded 2006
- More than 160,000 lives

#### Children's Community Health Plan

- BadgerCare (Medicaid)
  - o 140,000+ lives
  - o 28 counties in Eastern Wisconsin

# CAREKIDS

- Care4Kids foster care medical home

   3,000+ lives
  - o 6 counties in Southeast Wisconsin

# together

- On commercial marketplace since Jan.1, 2017
- Individual and family coverage
- 15,000+ lives
- 14 counties in Eastern Wisconsin





Note July, 2021 – Medicaid will likely increase with retroactivity by 250-300, and Marketplace will likely decrease by 350-400 due to terminations for non-payment of premiums

# Children's Community Services

#### **Programs & Services**

- Supporting health child development
- Healthy Families Parent support & education
  - Community resource connection
  - Injury prevention & violence intervention
  - Asthma management
  - E-learning and health education
  - School action plans and policies
  - Promoting healthy habits
  - School nursing

Healthy Schools

Healthy Communities

hild welfare & Child abuse prevention

Child welfare &

- Partner neighborhoods
- Resident engagement
- Community partnerships
- Foster care
- Adoption
- Respite care
- Child advocacy
- Family case management
- Family finding
- Family resource centers
- Child abuse prevention programs

- Institute for Child & Family Well-Being
- Early interventions for children with 2 or more ACEs
- Policy guidance
- Parent-child interaction therapy
- Child sexual abuse prevention
- Home visiting services



# Children's Wisconsin Recognition



US News	& World	l Report	Midwest	t Childre	n's Hosp	ital Nati	onal Rar	nkings	E Top 10 rank	-	-
Specialty/ System	Children's Wisconsin	Cincinnati (Ohio)	Nationwide (Ohio)	Lurie (Illinois)	Cleveland (Ohio)	CS Mott (Michigan)	St Louis (Missouri)	Children's Mercy- Kansas Cty (Missouri)	Riley (Indiana)	Mayo Children's Center (Minn)	Rainbow Babies & Children (Ohio)
Overall <u>Midwest</u> Rank	#12 (tied)	#1 (#4 nationally)	#2 (#8 nationally)	#3	#3 (tied)	#3 (tied)	#3 (tied)	#7	#8	#9 (tied)	#9 (tied)
<u>National</u> Ran	kings by Specie	alty									
Neo- natology	Not Ranked	#8	#43	#9	#14	#46	#21	Not Ranked	#16	#38	#47
Cancer	#37	#3	#8	#15	#18	#26	#25	#28	#20	#35	#28
Heart	#20	#15	#34	#9	#16	#26	#17	#24	#5	#43	Not Ranked
Diabetes & Endocrine	Not Ranked	#3	#11	#33	#43	#21	#23	#38	#26	#38	#23
GI	#16	#5	#11	#15	#13	#28	#10	#32	#21	#45	#38
Nephrology	Not Ranked	#5	#9	#11	#33	#17	#20	#10	#14	Not Ranked	#33
Neuro	#42	#5	#6	#11	#27	#20	#7	#25	#23	#39	Not Ranked
Ortho	#38	#5	#9	#34	#29	#23	#7	#31	Not Ranked	#12	#19
Pulm & Lung Surgery	#15	#4	#7	#20	#35	#17	#9	#37	#14	Not Ranked	#13
Urology	Not Ranked	#2	#11	#7	#22	#20	#12	#19	#3	#21	#31

UW/Am Family Children's is ranked #23 in the Midwest and is ranked #36 nationally in heart



# Systems Across the State



# Executive Summary – Systems Across the State

The adult market declined 3% from 2017-2019, so adult systems continue to expand their footprints to compete for available volume.

- Froedtert acquired 2 hospitals since 2017 and opened 2 micro-hospitals in 2020
- Marshfield Clinic acquired 4 hospitals since 2017
- Aspirus acquired 8 hospitals since the beginning of 2020
- UW Health has been partnering to gain access to more patients:
  - Partners with ProHealth for cancer care
  - Affiliated with Physicians Plus Insurance, Unity Health Plan Insurance and Gundersen Health Plan under brand
    name of Quartz
  - Formed a joint operating agreement with Unity Point-Meriter hospital in Madison to send "lower acuity" patients to Meriter to free up capacity at UW
  - Partners with Advocate-Aurora in Northeast Wisconsin to provide pediatric specialty services



# Wisconsin System Environment

The adult market has not grown over the past several years, so adult systems continue to expand their footprints to compete for available volume.





# Wisconsin Adult Inpatient Market share Trends

Adult volumes statewide have declined each year since 2017, with a -7% decline from 2019-2020. Froedtert has gained 2% share since 2016, aided by their acquisition of Holy Family Memorial in the northeast. As a result of Ascension's sale of 9 hospitals to Marshfield and Aspirus, ~10,700 discharges (or about 2.5% of the northwest market) moved from Ascension to those two systems.



#### Wisconsin Adult Market Share

#### 2016-2017 2017-2018 2018-2019 2019-2020 System 5 yr chng -0.6% -0.8% 0.4% 0.3% -0.7% Aurora Ascension -0.8% -0.5% -0.6% -3.0% -4.8% Froedtert 0.4% 0.6% 0.4% 0.9% 2.3% Health SSM -0.3% -0.1% 0.2% -0.3% -0.5% HSHS -0.2% -0.6% -0.1% -0.2% -1.0% UW Health 0.2% -0.2% 0.0% -0.1% -0.2% ThedaCare -0.1% 0.5% 0.05% -0.04% 0.4% Mayo Clinic -0.1% 0.1% -0.1% 0.03% -0.03% ProHealth 0.01% 0.01% 0.2% 0.2% 0.4% Care 1.9% Aspirus 0.1% 0.1% 0.1% 2.3% Marshfield 0.1% 0.3% 0.5% 0.8% 1.7% Clinic

System Market Share Change

\*Graphic shows top ~85% of volume. The remaining volume is spread out between 55 other statewide hospitals/systems.

\*\*Hospital system acquisitions not applied to historical data.

Source: WHA IP via Databay Navigate Age 18+ Years, Wisconsin patients only



# Key System Moves

Froedtert & MEDICAL COLLEGE of WISCONSIN	<ul> <li>Froedtert South in Kenosha added in 2017 (formerly United HospitalSystem)</li> <li>2 "micro hospitals" added in 2020</li> <li>Holy Family Memorial Manitowoc added in 2021 - expands their reach outside of Southeast Wisconsin</li> <li>Resulted in 1% increase in inpatient share Statewide and 2% in Southeast Wisconsin thus far</li> </ul>
Ascension	<ul> <li>Sold 7 hospitals, 21 physician clinics, and air and ground medical transport services in Northwest Wisconsin to Aspirus Health in 2021 and 2 to Marshfield Health in 2020</li> <li>This concentrates their business in Southeast &amp; NortheastWisconsin</li> </ul>
Advocate Aurora Health	<ul> <li>Aurora merged with Advocate Health Care in 2018</li> <li>Provides access for Aurora to the Illinois market</li> <li>Allows access to Advocate's complement of pediatric services</li> <li>Increases combined overall revenue to \$12Billion</li> </ul>
Marshfield Clinic Health System	<ul> <li>Acquired Neilsville hospital in 2018 and built a new facility which opened in May 2021</li> <li>16-bed hospital providing oncology, cardiology, endocrinology and ear, nose and throat services; with plans to add pediatric neurology, sleep, OB/GYN and ophthalmology services</li> <li>Acquired Beaver Dam hospital in 2019</li> <li>Acquired two hospitals from Ascension in 2020</li> </ul>
ASSPERCES Compassion for people.	<ul> <li>Acquired Divine Savior Health System in early 2020 adding a single hospital in Portage</li> <li>Acquired 7 hospitals from Ascension in 2021, increasing their presence in Northwest Wisconsin</li> </ul>
ProHealth Care	<ul> <li>Developed an Accountable Care Organization that includes adult and pediatric providers</li> <li>Given its size, is at risk of getting bought out by a larger system</li> <li>Has relationship with UW-Health for cancer care which gives UW a presence in Southeast Wisconsin</li> </ul>
<b>UWHealth</b>	<ul> <li>Affiliated with Physicians Plus Insurance, Unity Health Plan Insurance and Gundersen Health Plan under brand name of Quartz</li> <li>Formed a joint operating agreement with Unity Point-Meriter hospital in Madison to send "lower acuity" patients to Meriter to free up capacity at UW</li> <li>Has relationship with Advocate Aurora to provide pediatric specialty services at Aurora BayCare in Green Bay and Aurora Oshkosh</li> <li>SwedishAmerican hospital in Rockford, IL is a division of UW Health; UW Health pediatric specialists provide care in Rockford</li> </ul>

# Wisconsin Key System Summary

	System						
Key Metrics	Froedtert & MEDICAL COLLEGE of WISCONSIN	ProHealth Care	Advocate Aurora Health (Wisconsin Business Only)	Ascension	😝 ThedaCare	<b>bellin</b> health	Hospital Sisters HEALTH SYSTEM
Births & Share for primary markets <sup>1</sup> (2020)	SE WI - 4,686 (21%) 4 birthing centers*	SE WI - 1,789 (8%) 2 birthing centers	SE WI – 8,592 (39%) 6 birthing centers NE WI – 3,572 (30%) 5 birthing centers	SE WI – 6,588 (30%) 6 birthing centers NE WI – 1,608 (14%) 2 birthing centers	NE WI - 2,673 (23%) 5 birthing centers	NE WI - 1,218 (10%) 1 birthing center	NE WI - 1,608 (14%) 4 birthing centers**
NICU Volumes & Share for primary markets <sup>2</sup> (2020)	Uses Children's NICU	SE WI – 195 <i>(7%)</i> 1 Level III NICU	SE WI - 1,083 (40%) 2 Level III, 3 Level II NICUs NE WI – 344 (23%) 1 Level III, 2 Level II	SE WI - 811 (30%) 2 Level III, 2 Level II NICUs NE WI – 192 (13%) 1 Level III	Uses Children's NICU	NE WI - 83 (5%) Building a Level II NICU	NE WI - 301 (20%) 1 Level III
# of OB Providers	37 physicians	Partners for OB/GYN services – no employed providers	86 physicians	64 physicians	Partners for OB/GYN services – no employed providers	16 Physicians	10 physicians
# of Pediatricians	8 pediatricians	16 pediatricians	79 pediatricians	56 pediatricians	19 pediatricians	11 pediatricians	14 pediatricians
Contribution to Children's (2019)	<ul> <li>~62% of Children's <ul> <li>Milw. NICU</li> <li>volume</li> </ul> </li> <li>21% of overall collections</li> </ul>	<ul> <li>1.5% of Children's         <ul> <li>Milw. NICU</li> <li>Volume</li> </ul> </li> <li>3% of overall collections</li> </ul>	<ul> <li>11% of Children's         <ul> <li>Milw. &amp; 3.5% of</li> <li>Children's - Fox</li> <li>Valley NICU</li> <li>Volume</li> </ul> </li> <li>15.6% of overall collections</li> </ul>	<ul> <li>~9% of Children's- Milw NICU volume</li> </ul>	<ul> <li>91% of Children's <ul> <li>Fox Valley NICU</li> <li>Volume</li> </ul> </li> <li>5.9% of overall collections</li> </ul>	<ul> <li>Less than 1% of Children's – Milw. NICU volume</li> <li>1.3% of overall collections</li> </ul>	<ul> <li>1.4% of Children's <ul> <li>Milw. NICU</li> <li>Volume</li> </ul> </li> <li>1.6% of overall collections</li> </ul>

Source: WHA record level data, WHA Guide to Wisconsin Hospitals, System websites, Children's Finance Team. \*Froedtert also has a birthing center in NE WI with the addition of Holy Family Memorial \*\*HSHS has a partnership with Door County Memorial – the data from Door County is included

47

# Wisconsin Key System Summary – Beds, Admissions & Financials

	System						
Key Metrics	Froedtert & MEDICAL COLLEGE or WISCONSIN	PROHEALTH CARE	Advocate Aurora Health (Wisconsin Business Only)	Ascension	ThedaCare.	<b>bellin</b> health	Hospital Sisters HEALTH SYSTEM
Total Beds	1,192	302	2,200	1,485	442	442	731
Total Discharges	55,369	15,894	99,886	61,859	21,792	8,271	28,387
Gross Patient Revenue	\$5,137,067,834	\$1,982,052,761	\$13,357,530,918	\$5,518,867,081	\$1,696,989,419	\$1,696,989,419	\$2,490,699,758
Net Patient Revenue	\$1,785,702,465	\$616,339,674	\$3,834,737,791 (\$12B overall gross system revenue)	\$1,875,577,299	\$756,144,495	\$549,813,539	\$883,794,655
Net Income	\$108,796,771	\$68,702,868	\$732,224,270	\$208,259,734	\$179,641,496	\$603,921,377	\$(12,793,989)
Total Assets	\$1,077,793,000	\$656,645,354	\$8,320,269,552	\$1,818,179,636	\$608,701,120	\$726,606,584	\$1,927,787,983

Source: WHA Guide to Wisconsin Hospitals

\*\*HSHS has a partnership with Door County Memorial – the data from Door County is included

# Wisconsin Key System Summary

	Northwest Wis	consin Facilities	Southwest Wisconsin Facilities
Key Metrics	ASPIRUS" Passion for excellence. Compassion for people.	Marshfield Clinic Health System	UW
Births & Share for primary markets <sup>1</sup> (2020)	NW WI - 2,697 (26%) 4 birthing centers*	NW WI - 2,017 (19%)	Partners with Meriter for births
NICU Volumes & Share for primary markets <sup>2</sup> (2020)	NW WI – 210 (22%) 1 Level III	NW WI – 220 (23%) 1 Level III & 1 Level II	NE WI - 629 (57%) Level IV at UW Level III at Meriter
# of OB Providers	17 physicians	27 physicians	15 physicians
# of Pediatricians	19 pediatricians	37 pediatricians	37 pediatricians
Contribution to Children's (2019)	Did not send NICU patients in 2019	Less than 1% of Children's – Milw. NICU volume	Did not send NICU patients in 2019

\*Froedtert also has a birthing center in NE WI with the addition of Holy Family Memorial \*\*HSHS has a partnership with Door County Memorial – the data from Door County is included

# Wisconsin Key System Summary – Beds, Admissions & Financials

	NW Wiscon	sin Facilities	Southwest WI
Key Metrics	ASPERUS Passion for excellence. Compassion for people.	Marshfield Clinic Health System	UW
Total Beds	633	461	624
Total Discharges	30,939	25,002	33,501
Gross Patient Revenue	\$3,087,426,341	\$3,154,077,331	\$5,119,566,638
Net Patient Revenue	\$1,262,893,060	\$1,279,988,722	\$2,006,130,136
Net Income	\$163,535,931	\$-56,353,643	\$197,620,404
Total Assets	\$1,553,239,783	\$2,962,019,809	\$2,977,975,556

# Key System Profiles



Key Stats					
Regions Served	Southeast WI, East Central				
# Hospitals	8				
Total Beds	1,192				
Patient Admissions	55,369				
Patient Days	286,090				
Emergency Visits	177,074				
Outpatient Visits	1,472,653				
Births	5,383				
Surgeries	34,919				

- Froedtert Hospital to provide \$11.5 million for health-related scholarships (Jun, 2021)
- Holy Family Memorial in Manitowoc becomes part of the Froedtert & MCW network (March, 2021)
- Froedtert pledged \$3.7m to support new 16th Street Community Health Center behavioral health clinic on Milwaukee's south side (Feb, 2021)
- Opened two micro-hospitals in Pewaukee & New Berlin. Hospitals are 18,000 sq feet and have 8 inpatient beds and 7 ER beds (Dec 2020)

Source: Froedtert website, 2019 WHA Guide to Wisconsin Hospitals

Key Financ	ials
Gross Patient Revenue	\$5,137,067,834
Net Patient Revenue	\$1,785,702,465
Net Income	\$108,796,771
Total Assets	\$1,077,793,000

- Region's only adult academic medical center (with MCW)
- 4 surgery centers
- Nearly 2,000 physicians
- More than 45 health centers and clinics
- Co-owns Network Health Plan
- Regional cancer centers
- Heart & Vascular Clinics
- Community Emergency Rooms
- Rehab & Sports Medicine Centers
- Partners with Children's for NICU/birthing center, transplant program, ED/Trauma, ?



#### Marketshare Summary - 2020

Patient Type	Statewide	SE Wisconsin	NE Wisconsin
	Volumes/	Volumes/	Volumes/
	Share	Share	Share
Adult Share State: 438,494   SEW: 176,185   NEW: 87,700	51,783 (12%)	45,332 (26%)	5,173 (6%)
Births State: 55,591   SEW: 21,965   NEW: 11,799	5,009 (9%)	4,686 (21%)	231 (2%)
Pediatric Hospitalizations** State: 18,309   SEW: 7,718   NEW: 3,889	385 (2%) 🖡	278 (4%)	37 (1%)
Pediatric OP Surgery	N/A	363	174
SEW: 15,732   NEW: 9,050		(3%)	(2%)
Pediatric ED Volume***	N/A	8,724	940
SEW: 104,372   NEW: 48,512		(8%)	(2%)

#### Pediatric Related Provider Profile<sup>1</sup>

- 11 pediatricians at 4 locations
- 6 internal medicine/pediatricians at 4 locations
- 75 family medicine physicians
- 11 family medicine physician assistants
- 38 family medicine nurse practitioners



- 43 OB/GYN physicians
- 4 OB/GYN nurse practitioners
- 7 maternal fetal medicine providers (that work with Children's and Froedtert)
- The system contributed 62% of Children's-Milwaukee
   NICU volume in 2019



Indicates share declined from prior year



Indicates share was flat from prior year

Source: WHA Inpatient State, Froedtert Website \*Adult discharges include ages over 18 incl mental health. \*\*Pediatric Hospitalizations include age 0-17 and excl OB, Normal Newborns, Neonates and Mental Health & include inpatients and observation.\*\*\*Based on all patients seen at hospitals in those regions. <sup>1</sup>Regional volumes based on NICU's located within that region and include Level II, III & IV NICUs <sup>1</sup> ncludes Holy Family Memorial



Key Stats					
Regions Served	Southeast WI				
# Hospitals	3 (2 acute care, 1 rehab)				
Total Beds	302				
Patient Admissions	15,894				
Patient Days	59,990				
Emergency Visits	61,670				
Outpatient Visits	374,915				
Births	1,921				
Surgeries	10,541				

- Building a community hospital in Muskego, with 24 inpatient beds expected to open late 2021-early 2022. (Jan, 2021)
- Building a primary care & urgent care clinic on Sunset Drive on the South Side of Waukesha to open Spring, 2022. (May, 2021)
- Opened primary care clinic in Waterford with family medicine providers. (Jan, 2021)

Key Financials					
Gross Patient Revenue	\$1,982,052,761				
Net Patient Revenue	\$616,339,674				
Net Income	\$68,702,868				
Total Assets	\$656,645,354				

- Nearly 1,000 physicians
- 15 clinics
- 3 emergency departments
- 9 urgent cares throughout Waukesha County
- AngelsGrace Hospice
- Developed an Accountable Care Organization that includes adult and pediatric providers
- Occupational health at 7 locations
- Has relationship with UW-Health for cancer care which gives UW
   a presence in Southeast Wisconsin



#### Marketshare Summary - 2020

Patient Type	Statewide Volumes/ Share	SE Wisconsin Volumes/ Share
Adult Share	16,302	15,134
State: 438,494   SEW: 176,185	(4%)	(9%)
Births	1,965	1,789
State: 55,591   SEW: 21,965	(4%)	(8%)
Pediatric Hospitalizations**	111	100
State: 18,309   SEW: 7,178	(1%)	(1%)
NICU Share <sup>1</sup>	195	195
State: 6,129   SEW: 2,726	(3%)	(7%)
Pediatric OP Surgery SEW: 15,732	N/A	435 (3%)
Pediatric ED Volume*** SEW: 104,372	N/A	4,621 (4%)

Indicates share declined from prior year Indicates share increased from prior year

Indicates share was flat from prior year

#### Pediatric Related Provider Profile

- 9 pediatricians at 4 locations
- 7 internal medicine/pediatricians at 4 locations
- Works with several independent pediatric practices
- 1 pediatric anesthesiologist
- 69 family medicine physicians
- 5 family medicine physician assistants



- 13 family medicine nurse
   practitioners
- Partners with independent OB/GYN & maternal fetal medicine practices
- Pediatric outpatient rehabilitation center
- Contributed 1.5% of Children's Milwaukee NICU volume in 2019



Source: WHA Inpatient State Data, Prohealth Website \*Adult discharges include ages over 18 incl mental health. \*\*Pediatric Hospitalizations include age 0-17 and excl OB, Normal Newborns, Neonates and Mental Health & include inpatients and observation.\*\*\*Based on all patients seen at hospitals in those regions. <sup>1</sup>Regional volumes based on NICU's located within that region and include Level II, III & IV NICUs

Key Stats			
Regions Served	SE Wisconsin, NE Wisconsin, Northeast IL		
# Hospitals	15 Aurora, 11 Advocate with 2 Children's Hospitals		
Total Beds	Aurora - 2,177 / Advocate – 3,500		
Patient Disch/Adm	Aurora – 99,886 / Advocate – 170,700		
Patient Days	Aurora – 470,130 / Advocate – 763,680		
Emergency Visits	Aurora – 437,861 / Advocate – 548,000		
Outpatient Visits	Aurora – 2,618,291 / Advocate – 2,203,000		
Births	Aurora – 12,670 / Advocate – 17,735		
NICU Discharges	Aurora – 1,343/ Advocate – 2,834		
Surgeries	Aurora – 102,271 / Advocate – 110,299		

- Aurora Medical Center in Grafton is expanding to add a new 16-bed, 8,000 square-foot modular medical observation unit. (March, 2021)
- Awarded a total of \$2,125,000 in grants to Milwaukee community organizations through its Better Together Fund. The funds will be distributed to 11 community projects across 10 organizations to address the social and economic needs of the Milwaukee community (Oct, 2020)
- Expanding existing Fond du Lac health center to include inpatient beds and emergency department (Oct 2020)

Source: Aurora & Advocate website, 2019 WHA Guide to Wisconsin Hospitals, https://www2.illinois.gov/

System Key Financials		
Patient Service Revenue	\$10,660,969,000	
Capitation Revenue	\$1,264,162,000	
Other Revenue	\$880,292,000	
Total Revenue	\$12,805,423,000	

- 15 Wisconsin hospitals, over 150 clinic and 70 pharmacies in 30 communities
- Aurora has the most births and NICU discharges in the State
- 84 Level III NICU beds, 26 Level II and 7 Level IIB beds
- Provides outpatient services in 63 Walgreens in WI
- Largest homecare organization in Wisconsin
- Well Community program providing free and low-cost medical services
- Aurora Research Institute with more than 700 clinical research projects
- 11 hospitals in the Northeast Portion of Illinois including Children's Hospitals on 2 campuses
- Advocate has over 350 outpatient sites in Illinois and into Indiana
- Advocate Children's Hospital has a 115 Level III\* NICU beds between the 2 campuses and more than 160 Level III beds throughout the system



#### Marketshare Summary - 2020

Patient Type	Statewide Volumes/ Share	SE Wisconsin Volumes/ Share	NE Wisconsin Volumes/ Share
Adult Share State: 438,494   SEW: 176,185   NEW: 87,700	86,714 (20%)	62,792 (36%)	21,911 (25%)
Births State: 55,591   SEW: 21,965   NEW: 11,799	12,372 (22%) 💳	8,592 (39%)	3,572 (30%) 💻
Pediatric Hospitalizations** State: 18,309   SEW: 7,718   NEW: 3,889	412 (2%)	138 (2%)	319 (8%)
NICU Share <sup>1</sup> State: 6,129   SEW: 2,726   NEW: 1,518	1,427 (23%)	1,083 (40%)	344 (23%) <b>1</b>
Pediatric OP Surgery SEW: 15,732   NEW: 9,050	N/A	995 (7%)	1,595 (18%) 💻
Pediatric ED Volume*** SEW: 104,372   NEW: 48,512	N/A	20,018 (19%)	11,604 (24%)
<ul> <li>Indicates share declined from prior year</li> <li>Indicates share increased from prior year</li> <li>Indicates share was flat from prior year</li> </ul>			

### Pediatric Related Provider Profile

#### Aurora Profile

- 79 pediatricians
- 5 pediatric APNs, 2 Pas
- 2 pediatric/adolescent medicine specialists
- 8 internal medicine/pediatrics physicians
- 19 pediatric subspecialty physicians
- 3 neonatologists, 15 neonatal APNs, 2 PAs
- Newborn Care Physicians of SE WI covers their NICUs
- 13 child & adolescent psychiatrists
- 5 maternal/fetal medicine physicians and 2 APNs
- 39 PT/OT, speech and audiology providers
- UW-Madison pediatric specialists see patients in their NE
   Wisconsin locations
- Over 180 family practitioners
- 86 OB/GYN physicians



#### Advocate Profile

- Over 175 pediatric specialists in 28 specialties
- 14 maternal/fetal medicine physicians
- 25 neonatologists
- 5 child & adolescent psychiatrists
- Contributed 11% of Children's Milwaukee and 3.5% of Children's Fox Valley NICU volume

Source: WHA Inpatient State Data, AAH website \*Adult discharges include ages over 18 incl mental health. \*\*Pediatric Hospitalizations include age 0-17 and excl OB, Normal Newborns, Neonates and Mental Health & include inpatients and observation.\*\*\*Based on all patients seen at hospitals in those regions. <sup>1</sup>Regional volumes based on NICU's located within that region and include Level II, III & IV NICUs



Key Stats			
Regions Served	Southeast WI, Northeast WI		
# Hospitals	11 acute care and 4 specialty hospitals		
Total Beds	1,485		
Patient Admissions	61,859		
Patient Days	284,210		
Emergency Visits	334,432		
Outpatient Visits	2,290,999		
Births	9,005		
Surgeries	67,750		

- Sold 7 hospitals, 21 physician clinics, and air and ground medical transport services in Northwest Wisconsin to Aspirus Health in 2021 and 2 to Marshfield Health. This concentrates their Wisconsin business to the Southeast & Northeast regions. (Jan, 2021)
- Ascension corporate signed an agreement with Regent Surgical Health, a developer, owner and manager of ambulatory surgery centers (ASCs), as its exclusive national partner for ambulatory surgery centers. (*Mar* 2021)

Key Financials			
Gross Patient Revenue	\$5,518,867,081		
Net Patient Revenue	\$1,875,577,299		
Net Income	\$208,259,734		
Total Assets	\$1,818,179,636		

## System Highlights

- A national health system that operates more than 2,600 sites of care, including 146 hospitals in 19 states and the District of Columbia
- 3 hospitals in Northeast WI and 8 in Southeast Wisconsin
- Midwest Orthopedic Specialty Hospital in Franklin in partnership with Physician Owners
- The Orthopaedic Hospital of Wisconsin a joint venture between a group of orthopedic surgeons and Ascension
- Orthopedic Surgery Center of the Fox Valley in partnership with Orthopedic & Sports Medicine Specialists
- Acquired Columbia Center birthing hospital on the campus of Columbia St Mary's Hospital Ozaukee in 2018
- Sacred Heart Rehabilitation Hospital
- 2nd largest provider of births and NICU in the State

Source: Ascension website, 2019 WHA Guide to Wisconsin Hospitals



#### Marketshare Summary - 2020

Patient Type	Statewide Volumes/ Share	SE Wisconsin Volumes/ Share	NE Wisconsin Volumes/ Share
Adult Share* State: 438,494   SEW: 176,185   NEW: 87,700	52,150 (12%)	41,857 (24%) 🖡	9,867 (11%)
<b>Births</b> <b>State</b> : 55,591   SEW: 21,965   NEW: 11,799	8,220 (15%)	6,588 (30%)	1,608 (14%)
Pediatric Hospitalizations** State: 18,309  SEW: 7,718   NEW: 3,889	602 (3%)	397 (5%)	270 (7%)
NICU Share State: 6,129   SEW: 2,726   NEW: 1,518	1,003 (16%) 🖡	811 (30%) 🖡	192 (13%)
Pediatric OP Surgery SEW: 15,732   NEW: 10,499	N/A	615 (5%)	656 (7%)
Pediatric ED Volume*** SEW: 104,372   NEW: 48,512	N/A	23,990 (23%)	6,288 (13%)

Indicates share declined from prior year

Indicates share increased from prior year

Indicates share was flat from prior year

#### Pediatric Related Provider Profile

- 56 pediatricians
- 174 family medicine physicians
- 18 family medicine physician assistants
- 95 family medicine nurse practitioners
- 64 OB/GYN physicians
- 9 OB/GYN nurse practitioners & 6 certified midwives



Contributed 9% of Children's – Milwaukee NICU volume in 2019



Source: WHA Inpatient State Data, Ascension website \*Adult discharges include ages over 18 incl mental health. \*\*Pediatric Hospitalizations include age 0-17 and excl OB, Normal Newborns, Neonates and Mental Health & include inpatients and observation.\*\*\*Based on all patients seen at hospitals in those regions. <sup>1</sup>Regional volumes based on NICU's located within that region and include Level II, III & IV NICUs

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Key Stats			
Regions Served	NE Wisconsin		
# Hospitals	7		
Total Beds	442		
Patient Discharges	21,792		
Patient Days	84,027		
Emergency Visits	109,717		
Outpatient Visits	481,642		
Births	3,042		
Surgeries	46,804		

- Purchased land adjacent to ThedaCare Health Campus–Encircle for future expansions. (*April, 2021*)
- The Rural Health Initiative (RHI) has become a program of ThedaCare and now operates under the name ThedaCare Rural Health Initiative. (Jan, 2021)
- ThedaCare Center Wild-Rose First in North America to Install Blood Analyzer Technology which is used to facilitate pre-transfusion blood type compatibility testing. (*Mar 2021*)

Key Financials		
Gross Patient Revenue	\$1,696,989,419	
Net Patient Revenue	\$756,144,495	
Net Income	\$179,641,496	
Total Assets	\$608,701,120	

- 7 hospitals serving 17 counties
- 40 outpatient clinics
- 7 outpatient surgery locations
- 6 walk-in clinic locations
- 5 birthing centers
- Level II trauma center at Neenah hospital with ThedaStar Emergency Transport
- Mayo Clinic Care Network member
- ThedaCare ACO (Medicare)
- ThedaCare Home Care & Senior Living
- Largest Employer in NEW with ~6,800 employees



#### Marketshare Summary - 2020

Patient Type	Statewide Volumes/ Share	NE Wisconsin Volumes/ Share
Adult Share	18,723	18,171
State: 438,494   NEW: 87,700	(4%)	(21%)
Births	2,727	2,673
State: 55,591   NEW: 11,799	(5%)	(23%)
Pediatric Hospitalizations**	125	103
State: 18,309   NEW: 3,889	(1%) =	(3%) 🖡
NICU Share <sup>1</sup>	230	230
State: 6,129   NEW: 1,518	(3%)	(15%) <b>1</b>
Pediatric OP Surgery NEW: 9,050	N/A	1,491 (16%)
Pediatric ED Volume*** NEW: 48,512	N/A	12,157 (25%)

Indicates share declined from prior year

Indicates share increased from prior year

Indicates share was flat from prior year

### Pediatric Related Provider Profile

- 17 pediatricians at 5 locations
- 7 pediatric APNPs
- 90 family practice providers
- 29 family practice physician assistants
- 75 family practice nurse practitioners
- Partners with Women's Health Specialists and Women's Care of Wisconsin for OB/GYN services
- Works with independent Maternal Fetal Medicine providers
- Children's Hospital Fox Valley and Children's Hospital Clinics – Neenah located in ThedaCare Regional Medical Center – Neenah
- Contributed 91% of Children's Fox Valley NICU volume in 2019



Source: WHA Inpatient State Data, Thedacare website \*Adult discharges include ages over 18 incl mental health. \*\*Pediatric Hospitalizations include age 0-17 and excl OB, Normal Newborns, Neonates and Mental Health & include inpatients and observation.\*\*\*Based on all patients seen at hospitals in those regions. <sup>1</sup>Regional volumes based on NICU's located within that region and include Level II, III & IV NICUs



Key Stats		
Regions Served	NE Wisconsin	
# Hospitals	2	
Total Beds	177	
Patient Discharges	8,271	
Patient Days	30,961	
Emergency Visits	31,524	
Outpatient Visits	1,237,365	
Births	1,396	
Surgeries	22,429	

- Embarked on a multi-year construction project to expand their maternity department and build a Level II NICU (Aug, 2019)
- Bellin Health has sold its full interest in the Bellin Orthopedic Surgery Center (BOSC) to co-owner Orthopedic and Sports Medicine Specialists (OSMS). (Dec, 2020)

Source: Bellin Health website, 2019 WHA Guide to Wisconsin Hospitals

Key Financials		
Gross Patient Revenue	\$1,696,989,419	
Net Patient Revenue	\$603,921,377	
Net Income	\$34,714,778	
Total Assets	\$726,606,584	

- 1 surgery center
- 29 primary care clinic locations in Northeast Wisconsin and the upper peninsula of Michigan
- Bellin Health Partners (BHP) clinically integrated network with more than 86 independent specialty physicians and 22 mid-level providers
- Bellin Psychiatric Center 80-bed freestanding psychiatric hospital that treats children, adolescents and adults
- Bellin Home Health Services & Bellin Health Home Care Equipment
- Bellin Health Fitness Center area's only hospital based fitness center with 4 locations
- Bellin Sports Medicine and Rehabilitation
- Bellin College of Nursing & Bellin School of Radiologic
  Technology



#### Marketshare Summary 2020

Patient Type	Statewide Volumes/ Share	NE Wisconsin Volumes/ Share
Adult Share	7,966	7,854
State: 438,494   NEW: 87,700	(2%) 💳	(9%)
Births	1,224	1,218
State: 55,591   NEW: 11,799	(2%)	(10%) 💳
Pediatric Hospitalizations**	340	199
State: 18,309   NEW: 3,889	(2%)	(5%)
NICU Share	83	83
State: 6,129   NEW: 1,518	(1%) 🖡	(5%)
<b>Pediatric OP Surgery</b> NEW: 9,050	N/A	761 (8%)
Pediatric ED Volume*** NEW: 48,512	N/A	4,174 (9%)

Indicates share declined from prior year

- Indicates share increased from prior year
- Indicates share was flat from prior year

# Pediatric Related Service Profile

- 11 pediatricians at 4 sites
- 2 pediatric nurse practitioners
- 40 family practitioners
- 33 family practice nurse practitioners
- 17 family practice physician assistants
- 9-bed pediatric unit covered by pediatric hospitalists
- Kress Birthing Center with ~1,400 births
- Kidcare emergency services staffed by pediatric hospitalists and pediatric nurses
- Pediatric rehabilitation unit and outpatient PT and speech therapy services
  - Pediatric orthopedic surgeon
- Bellin psychiatric center provides inpatient hospital services to children and adolescents
  - o Special unit for children 12 and under
  - $_{\odot}$  Separate unit for adolescents age 13 to 18
  - o 1 board certified pediatric psychologist
- Educational programs including safety, health, fitness and classes for siblings whose parents are expecting
- Contributed less than 1% of Children's Milwaukee NICU volume

Source: WHA Inpatient State Data, Bellin website \*Adult discharges include ages over 18 incl mental health. \*\*Pediatric Hospitalizations include age 0-17 and excl OB, Normal Newborns, Neonates and Mental Health & include inpatients and observation.\*\*\*Based on all patients seen at hospitals in those regions. <sup>1</sup>Regional volumes based on NICU's located within that region and include Level II, III & IV NICUs





Key Stats				
Regions Served	Northeast, Northwest WI			
# Hospitals	7*			
Total Beds	731			
Patient Discharges	28,387			
Patient Days	120,468			
Emergency Visits	115,870			
Outpatient Visits	512,115			
Births	2,536			
Surgeries	26,580			

- St Vincent Children's hospital is in phase II of a 4 phase renovation. The PICU has been completed. The 4th phase is expected to be completed by spring of 2022. (May, 2021)
- Damond W. Boatwright, MHA, MHS, FACHE, has accepted the position of president and CEO of Hospital Sisters Health System. He will start in this role in June 2021. (*Mar, 2021*)

Key Financials		
Gross Patient Revenue	\$2,490,699,758	
Net Patient Revenue	\$833,794,665	
Net Income	\$(12,793,989)	
Total Assets	\$1,927,787,983	

- System consists of 15 total hospitals in Wisconsin and Illinois with nearly 70,000 admissions
- Prevea Health physician group, consisting of over 400 providers, provides physician services at over 80 locations across Northern, Western and Eastern Wisconsin. These services are provided for 6 of the hospitals (excluding Door County) through a physician services agreement
- Prevea 360 HealthPlan
- St. Vincent Hospital Cancer Centers located throughout the System
- Cancer Research Institute nationally recognized cancer research
- Level II Trauma Center at St Vincent's
- Eagle III Transport serving Eastern Wisconsin
- Sheboygan Surgery Center markets care to adults and children
- Established physician residency program in Green Bay in partnership with HSHS Wisconsin hospitals and MCW



#### Marketshare Summary 2020

Patient Type	Statewide Volumes/ Share	NE Wisconsin Volumes/ Share	NW Wisconsin Volumes/ Share
Adult Share* State: 438,494   NEW: 87,700   NWW: 89,981	21,092 (5%)	13,218 (15%)	7,692 (9%)
Births State: 55,591   NEW: 11,799   NWW: 10,388	2,309 (4%)	1,597 (14%)	705 (7%) <b>1</b>
Pediatric Hospitalizations** State: 18,309   NEW: 3,889   NWW: 3,083	959 (5%)	823 (21%)	133 (4%) 🖡
NICU Share State: 6,129   NEW: 1,518   NWW: 950	346 (5%)	301 (20%)	45 (5%)
Pediatric OP Surgery NEW: 9,050   NWW: 7,601	N/A	1,494 (17%)	284 (4%)
Pediatric ED Volume*** NEW: 48,512	N/A	9,291 (19%)	3,295 (6%)

Indicates share declined from prior year



Indicates share was flat from prior year

#### Pediatric Related Service Profile

- St Vincent Children's Hospital located inside St Vincent Hospital
- 20 bed children's hospital
- 24 bed level III NICU
- 4 bed pediatric intensive care unit (PICU)
- Level II trauma center



- Pediatric PT/OT & speech
- CHW provides cardiology services at 2 Prevea locations in the area including fetal cardiology & adults with congenital heart disease
- Contributed 1.4% of Children's Milwaukee NICU in 2019



Source: WHA Inpatient State Data, HSHS website \*Adult discharges include ages over 18 incl mental health. \*\*Pediatric Hospitalizations include age 0-17 and excl OB, Normal Newborns, Neonates and Mental Health & include inpatients and observation.\*\*\*Based on all patients seen at hospitals in those regions. <sup>1</sup>Regional volumes based on NICU's located within that region and include Level II, III & IV NICUs



Key Stats			
Regions Served	Southwest WI, Northeast WI		
# Hospitals	13		
Total Beds	633		
Patient Discharges	30,939		
Patient Days	117,140		
Emergency Visits	145,285		
Outpatient Visits	1,106,067		
Births	3,525		
Surgeries	30,702		

- Acquired Divine Savior Health System in early 2020 adding a single hospital in Portage
- Acquired 7 hospitals from Ascension in 2021, increasing their presence in Northwest Wisconsin
- Opened Aspirus Steven's Point 8-bed inpatient hospital (Feb, 2020)

Key Financials		
Gross Patient Revenue	\$3,087,426,341	
Net Patient Revenue	\$1,262,893,060	
Net Income	\$163,535,931	
Total Assets	\$1,553,239,783	

#### System Highlights

- Based in Wausau, has 13 hospitals in Wisconsin and 4 in Michigan
- More than 50 clinics
- Wausau is by far the largest hospital in the system
- Aspirus MedEvac medical transportation service serving North Central Wisconsin and the Upper Peninsula of Michigan
- Home health and hospice care
- Assisted living & nursing homes & Aspirus At Home Medicare home health services
- Aspirus Health Plan
- Partners with UW Cancer Center for cancer clinical trials
- Heart & Vascular centers serving residents of a 14-county areas and at 11 clinic sites throughout WI & the Upper Peninsula of Michigan
- Aspirus Keweenaw Health Foundation

Source: Aspirus website, 2019 WHA Guide to Wisconsin Hospitals, volumes exclude Stevens Point hospital due to 2020 data not being available.



#### Marketshare Summary - 2020

Patient Type	Statewide Volumes/ Share	NW Wisconsin Volumes/ Share	NE Wisconsin Volumes/ Share
Adult Share* State: 438,494   NWW: 89,981   NEW: 87,700	25,035 (6%)	22,230 (25%)	1,308 (1.5%)
Births State: 55,591   NWW: 10,388   NEW: 11,799	3,039 (5%)	2,697 (26%)	156 (1%)
Pediatric Hospitalizations** State: 18,309   NWW: 3,083   NEW: 3,889	293 (2%)	271 (7%)	14 (0%) ↓
NICU Share State: 6,129   NWW: 950   NEW: 1,518	267 (4%)	267 (28%)	N/A
Pediatric OP Surgery NWW: 7,601   NEW: 10,499	N/A	782 (10%)	25 (0%)
Pediatric ED Volume*** NWW: 51,086	N/A	7,664 (15%)	N/A

Indicates share declined from prior year

Indicates share increased from prior year

Indicates share was flat from prior year

#### Pediatric Related Provider Profile

- Partners with UW for pediatric cardiology services
- 1 Pediatric endocrinologist
- Pediatric/Adolescent Psychiatry
- 19 pediatricians
- 2 internal medicine/pediatricians
- 79 family medicine physicians
- 35 family medicine physician assistants
- 63 family medicine nurse practitioners
- 17 OB/GYN physicians
- 3 certified midwives
- 1 maternal fetal medicine provider
- 6 Wisconsin birthing centers
- 12 private room Level III NICU at Aspirus-Wausau





Source: WHA Inpatient State Data, Aspirus website \*Adult discharges include ages over 18 incl mental health. \*\*Pediatric Hospitalizations include age 0-17 and excl OB, Normal Newborns, Neonates and Mental Health & include inpatients and observation.\*\*\*Based on all patients seen at hospitals in those regions. <sup>1</sup>Regional volumes based on NICU's located within that region and include Level II, III & IV NICUs



#### Marshfield Clinic Health System

Key Stats			
Regions Served	Northwest WI		
# Hospitals	9		
Total Beds	461		
Patient Discharges	25,002		
Patient Days	108,788		
Emergency Visits	89,419		
Outpatient Visits	2,462,073		
Births	2,683		
Surgeries	44,466		

#### **Recent Developments**

- Marshfield Clinic Health System, and other western health systems, recently launched a pilot program to see how well low-orbit satellites can boost internet access in rural Wisconsin to aid with telehealth efforts. (May, 2021)
- Acquired Neilsville hospital in 2018 and built a new facility which opened in May 2021
- Acquired St Clare's Hospital in Weston and acquired the other 50% ownership of Flambeau Hospital in Park Falls from Ascension (*Aug, 2020*)
- Opened Marshfield Clinic Minoqua Hospital (Jul, 2020)
- Acquired Beaver Dam hospital (Nov, 2019)

Source: Marshfield website, web searches, 2019 WHA Guide to Wisconsin Hospitals

Key Financials			
Gross Patient Revenue	\$3,154,077,331		
Net Patient Revenue	\$1,279,988,722		
Net Income	\$-56,353,643		
Total Assets	\$2,962,019,809		

- A local health system serving Northwest Wisconsin, that has expanded to 9 hospitals within the last several years
- Over 40 outpatient clinics
- 4 outpatient surgery centers
- Marshfield Clinic Research Institute
- More than 1,200 physicians
- Owns Security Health Plan
- 6 cancer treatment centers across Northwest Wisconsin
- Level II adult and pediatric trauma center
- Nationally renowned cardiovascular physicians



#### Marketshare Summary - 2020

Patient Type	Statewide Volumes/ Share	NW Wisconsin Volumes/ Share
Adult Share*	18,383	17,720
State: 438,494   NWW: 89,981	(4%)	(20%)
Births	2,278	2,017
State: 55,591   NWW: 10,388	(4%)	(19%)
Pediatric Hospitalizations**	1,404	1,339
State: 18,309   NWW: 3,083	(8%)	(43%)
NICU Share	242	242
State: 6,129   NWW: 950	(4%)	(23%) 🖊
Pediatric OP Surgery	N/A	1,832 <b>1</b> (24%)
Pediatric ED Volume*** NWW: 51,086	N/A	5,093 (10%)

Indicates share declined from prior year

- Indicates share increased from prior year
- Indicates share was flat from prior year

#### Pediatric Related Service Profile

- More than 40 pediatric specialties including cardiac, hematology/oncology, neurosciences, orthopedics & sports medicine, ENT, endocrinology & GI
- 24 bed pediatrics <u>unit located</u> within Marshfield Clinic Hospital including an 8 bed PICU

.

- 24 bed level III NICU
- Pediatric inpatient rehab
- 37 pediatricians
- 6 internal medicine/pediatricians
- 62 family medicine physicians
- 39 family medicine nurse practitioners
- 27 OB/GYN physicians
- 8 certified mid-wives
- 2 maternal fetal medicine providers



Source: WHA Inpatient State Data, Marshfield Clinic website \*Adult discharges include ages over 18 incl mental health. \*\*Pediatric Hospitalizations include age 0-17 and excl OB, Normal Newborns, Neonates and Mental Health & include inpatients and observation.\*\*\*Based on all patients seen at hospitals in those regions. <sup>1</sup>Regional volumes based on NICU's located within that region and include Level II, III & IV NICUs



Key Stats			
Regions Served	Southwest WI, Northeast WI, Northwest WI		
# Hospitals	1		
Total Beds	624		
Patient Discharges	33,501		
Patient Days	174,171		
Emergency Visits	80,141		
Outpatient Visits	986,260		
Births	4,813 (partners with Meriter)		
Surgeries	171,020		

- Ranked #36 for Pediatric Cardiology & Heart Surgery by US News (Jun 2021)
- Launched the UW Center for Health Disparities Research to examine how a person's environment and social conditions impact their health down to the molecular level. (May 2021)
- Later this year, UW Carbone Cancer center will hold it's first-ever clinical trial using CAR T-cell therapy in pediatric patients with solid tumors. (Jun, 2021)
- Launched a clinical trial to test the safety of a new type of stem cell transplantation to treat deadly blood disorders in children and young adults. (May 2021)

Source: UW Health website, 2019 WHA Guide to Wisconsin Hospitals

Key Financials		
Gross Patient Revenue	\$5,119,566,638	
Net Patient Revenue	\$2,006,130,136	
Net Income	\$197,620,404	
Total Assets	\$2,977,975,556	

- Academic medical center with University of WI Madison
- 1,785 employed physicians
- Has ~21,000 employees at 7 hospital locations
- Level I adult & pediatric trauma center
- ACS verified burn center
- UW Carbone Cancer Center
- UW Health at The American Center 56-bed community based health and wellness facility
- American Family Children's Hospital
- Unity Point Meriter Hospital, SwedishAmerican Hospital and Belvidere Medical Center are part of UW Health
- Quartz Health Solutions, Inc subsidiary health insurance provider with more than 350,000 members in WI, IL, MN & IA

# UW

#### Marketshare Summary - 2020

Patient Type	Statewide Volumes/ Share	SW Wisconsin Volumes/ Share	SE Wisconsin Volumes/ Share	NE Wisconsin Volumes/ Share
Adult Share* State: 438,494   SWW: 84,628  SEW: 176,185  NEW: 87,700	22,148 (5%)	18,866 <b></b> (22%)	783 (0.4%)	1,073 (1%)
Births <sup>1</sup> State: 55,591   SWW: 11,439   SEW: 21,965   NEW: 11,799	4,755 (9%)	4,701 📕 (41%)	11 (0.1%)	19 (0.2)
Pediatric Hospitalizations** State: 18,309 SWW: 3,619   SEW: 7,718   NEW: 3,889	3,001 (16%)	2,526 (70%)	62 (1%)	142 (4%)
NICU Share <sup>1,2</sup> State: 6,129   SWW: 1,108   SEW: 2,726   NEW: 1,518	629 (10%) 1	629 (57%)	N/A	N/A
Pediatric OP Surgery SWW: 8,828   SEW: 15,732   NEW: 10,499	N/A	3,656 (44%)	92 (1%)	254 (3%)
Pediatric ED Volume*** SWW: 43,984	N/A	11,851 (27%)	N/A	N/A

Pediatric Related Service Profile

- 111 bed American Family Children's Hospital
- Level I trauma center
- Over 200 pediatric specialists
- Wisconsin's only other Level IV NICU
- 37 pediatricians and 1 pediatric NP at 9 locations
- 105 family medicine physicians
- 31 family medicine physician assistants
- 8 family medicine nurse
   practitioners
- 15 OB/GYN physicians



- 8 OB/GYN nurse practitioners
- Maternal fetal medicine proviaea through Unity Point – Meriter (a UW Health partner)
- Provides pediatric specialty services at Aurora BayCare in Green Bay



Indicates share declined from prior year

Indicates share increased from prior year

Indicates share was flat from prior year

Source: WHA Inpatient State Data, UW website \*Adult discharges include ages over 18 incl mental health. \*\*Pediatric Hospitalizations include age 0-17 and excl OB, Normal Newborns, Neonates and Mental Health & include inpatients and observation.\*\*\*Based on all patients seen at hospitals in those regions. <sup>1</sup>Includes volumes at UW & Unity Point-Meriter as a result of their partnership 2 Regional Volume based on pt origin

# Appendix

### **Newborn Levels of Care**

#### Level I, Well Newborn Nursery. This kind of nursery has teams of health care providers who take care of:

- Babies who are born on time (at about 40 weeks) who are stable (for example, they can breathe on their own and can maintain their body temperature)
- Babies who are born at 35 to 37 weeks and are stable
- Babies who are sick or born before 35 weeks, but only until they can be moved to a nursery with a higher level of care

#### Level II, Special Care Nursery. This kind of nursery has teams of health care providers who take care of:

- Babies who are born at or after 32 weeks and who weigh more than 1,500 grams (3.3 pounds). These babies may have some health problems, but they're not so serious that they need a higher level of care.
- Babies who are born before 32 weeks or who weigh less than 1,500 grams, but only until they can be moved to a nursery that provides a higher level of care
- Babies who have just gotten out of a neonatal intensive care unit (also called NICU) and are growing and doing well before being able to go home
- Babies who need equipment to help them breathe. These babies should stay in this kind of nursery only for about 24 hours or less; if they need breathing help longer, they should be moved to a higher level of care

Level III, NICU. This kind of nursery has teams of health care providers who take care of:

- Babies who are born before 32 weeks who weigh less than 1,500 grams
- Babies of any age or weight who are critically ill
- Babies who need equipment to help them breathe to stay alive.
- Babies who may need surgery

Level IV, Regional NICU (Children's & UW-Health/American Family Children's). This is the highest level of care for babies. The team that works in this kind of nursery takes care of babies who may need special surgery for birth defects and other disorders. This nursery has a full range of health care providers, including pediatric subspecialists, specialized nurses and equipment to care for very sick babies.