# North Dakota Partnership for Community Health (PCH) Quarterly Report – Q2 2023





#### **Background**

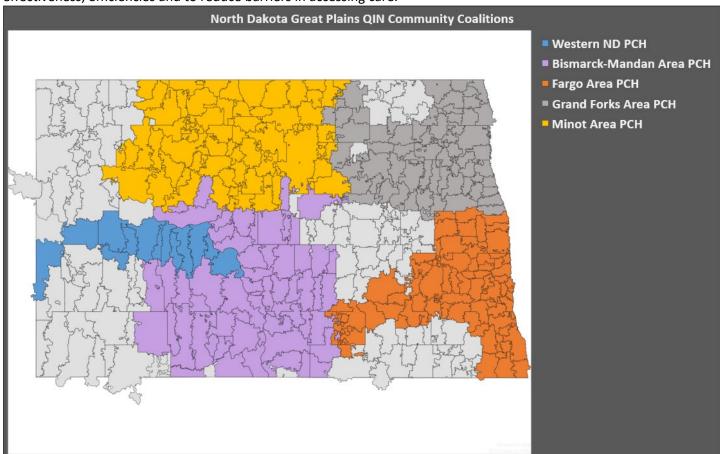
North Dakota and South Dakota communities have many attributes that are similar, yet qualities that make them unique. However, when it comes to healthcare, each state has a shared commitment to ensuring quality of care for its community members.

The Great Plains Quality Innovation Network (GPQIN) is the Quality Innovation Network-Quality Improvement Organization (QIN-QIO) for North Dakota and South Dakota. Through our Quality Care Coalitions—Partnership for Community Health, we strive to improve healthcare quality and patient outcomes. We work with partners to identify areas for improvement, which include reducing avoidable hospital admissions and readmissions, including those caused by high-risk medications related to adverse drug events, improving medication safety and overall better care coordination.

As your quality partner, our team has developed these community data reports to offer a snapshot for growth, addressing gaps and quality improvement.

#### Partnerships for Community Health (PCH)

These Partnerships are defined by geographical service areas or zip codes (communities) and comprised of healthcare practitioners, providers and/or members from various settings, healthcare groups, non-clinical organizations, and local support/service organizations. Great Plains QIN engages these partnership communities to coordinate care for cost effectiveness, efficiencies and to reduce barriers in accessing care.



This material was prepared by Great Plains Quality Innovation Network, a Quality Innovation Network — Quality Improvement Organization, under contract with the Centers for Medicare & Medicaid Services (CMS), an agency of the U.S. Department of Health and Human Services (HHS). Views expressed in this material do not necessarily reflect the official views or policy of CMS or HHS, and any reference to a specific product or entity berein does not constitute endorsement of that product or entity be CMS or HHS. 125OW/GPOIN/GNI-010-455/0224

#### **Data Overview and Definitions**

Medicare claims Fee-for-Service (FFS) data is used to calculate the measures contained in this report. Readmissions are defined as "all-cause" readmissions to any hospital within 30 days of discharge. We refer to the initial hospital admission as the "index discharge" and the second return admission as the "readmission." None of the measures are risk adjusted.

COVID-19 related Medicare claims were excluded from all the measures in this report. Specifically, inpatient admissions, inpatient discharges, emergency department (ED) visits and observation stays are excluded when they had a principal/first-listed diagnosis of COVID-19. In addition, inpatient admissions and inpatient discharges are excluded when they had a principal diagnosis of Sepsis or Transplant Complication with a diagnosis of COVID-19 in any secondary position.

PCH data includes those Medicare FFS Beneficiaries living in identified zip codes; GPQIN and State data includes all Medicare FFS beneficiaries.

Community-level measures included are:

- **30-day Hospital Readmission Rate and Trends:** The percentage of hospital readmissions within 30 days of discharge
- Acute Care Utilization Rate: Admissions and Emergency Department (ED) Visits (without admission)
- Hospital Discharge Rate per Location: Home (Community), Home Health, Hospice, and Skilled Nursing Facility
- 30-Day Hospital Readmission Rate per Discharge Location: As Above
- Top Five DRG Bundles for Admissions: DRG bundles designated by Great Plains QIN
- Top Five DRG Bundles for 30-Day Readmissions: DRG bundles designated by Great Plains QIN
- ED Visits among Super-Utilizers Rate: Rate of emergency department visits per 1,000 Medicare Fee-for-Service beneficiary-years among Super-Utilizers. One beneficiary-year is comprised of 12 months of original Medicare enrollment. "Super-Utilizers" are Medicare Beneficiaries who have at least 4 inpatient discharges or at least 5 ED visits, observation stays, and inpatient discharges combined in the 12-month period immediately preceding the performance period.
- 30-Day Readmissions Rate: Rate of all-cause inpatient readmissions withing 30 days after inpatient discharge
  per 1,000 Medicare Fee-for-Service beneficiary-years. One beneficiary-year is comprised of 12 months of
  original Medicare enrollment.

Great Plains QIN QIO works in partnership with communities in North Dakota and South Dakota utilizing evidence-based tools and interventions that make a positive impact in communities reducing readmission rates and hospital utilization.

Begin by using the GPQIN Quality Improvement Project Guide

Working on reducing readmissions to the hospital?

Re-Engineered Discharge (RED) Toolkit RHIhub-Rural Care Coordination Toolkit

Working on reducing ED visits and observation stays?

GPQIN: Reducing Avoidable Emergency Department Visits & Hospitalization Toolkit

Working with your Super-Utilizer population? GPQIN: Readmissions Interview Tool

PRAPARE Implementation and Action Toolkit

PRAPARE Implementation and Action Toolkit

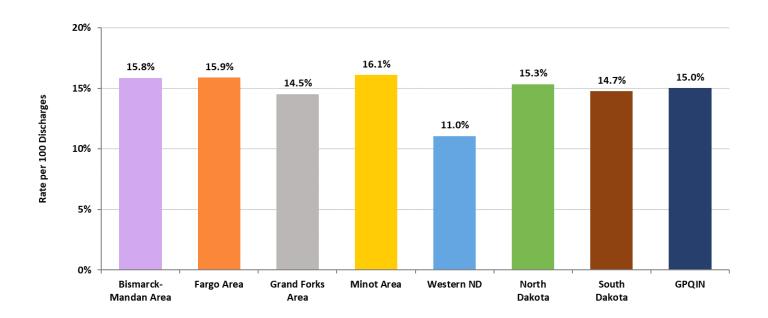
Social Determinants of Health in Rural Communities Toolkit

Go to our GPQIN Quality of Care Transitions Webpage <a href="https://greatplainsqin.org/initiatives/care-transitions/">https://greatplainsqin.org/initiatives/care-transitions/</a>

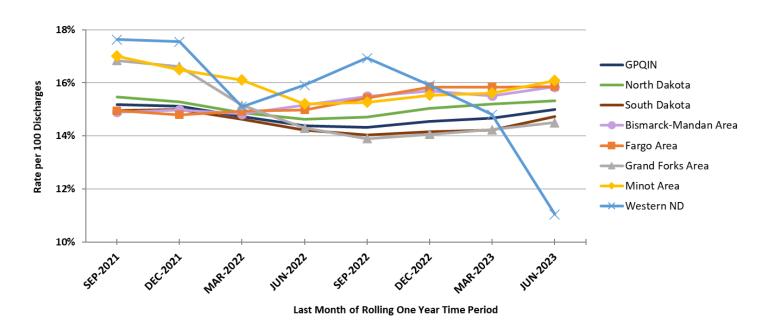
Go to our GPQIN Nursing Home Quality Webpage: https://greatplainsqin.org/initiatives/nursing-home-quality/

# **Community Data Highlights**

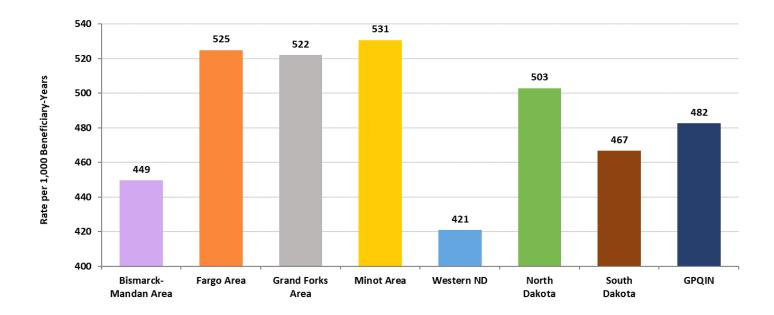
Current Readmission Rates (# of readmissions within 30 days / # of discharges): 07/01/2022 - 06/30/2023



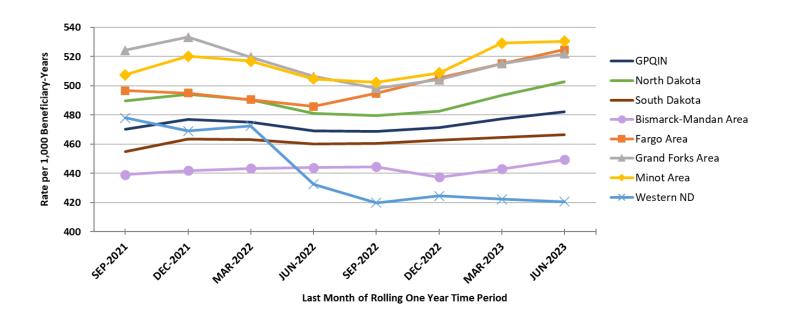
#### **Readmission Rate Trends:**



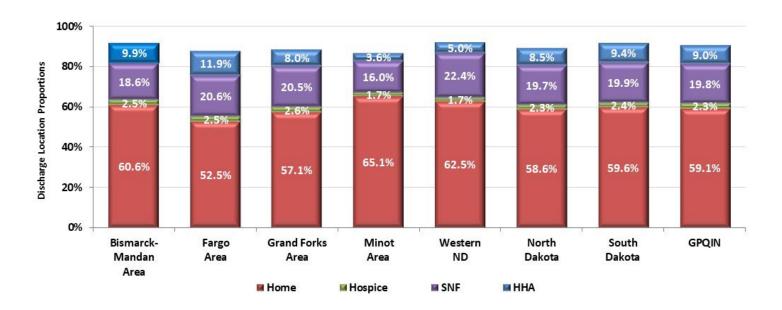
### Current Hospital Utilization (Admissions and ED Visits per 1,000 Beneficiary-Years): 07/01/2022 - 06/30/2023



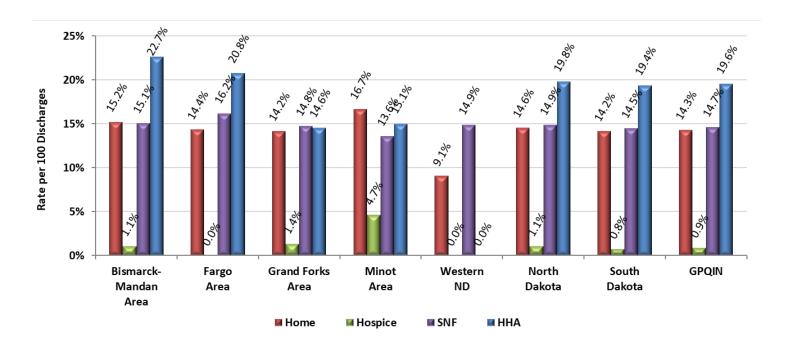
### **Hospital Utilization Trends:**

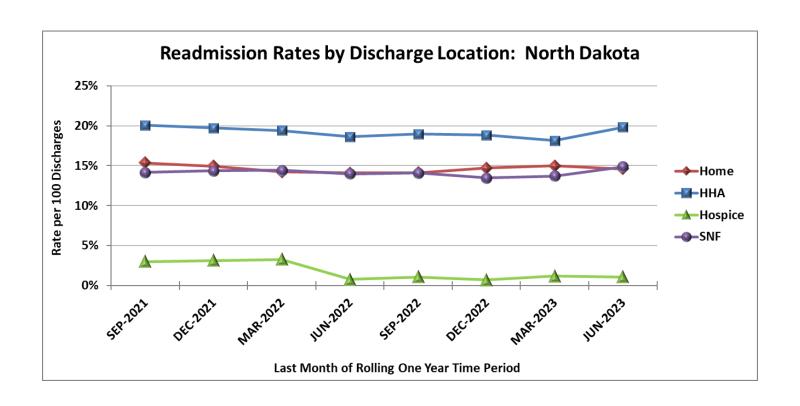


**Discharge Locations**: 07/01/2022 - 06/30/2023



Readmission Rates among Discharge Locations: 07/01/2022 - 06/30/2023





### **Top 5 Admission DRG Bundles:** 07/01/2022 - 06/30/2023

DRGs that differ only in their level of complications are combined into "DRG Bundles" as designated by Great Plains QIN. For example, DRGs 637, 638, and 639 (Diabetes with major complications, with complications, and without complications) are combined into one DRG bundle called Diabetes.

Community	DRG Bundle Description	DRG Bundle Admissions	Community Admissions	Percent of Community Admissions
	SEPTICEMIA OR SEVERE SEPSIS	313	3,696	8.47%
	HEART FAILURE & SHOCK	193	3,696	5.22%
Bismarck-Mandan Area	SIMPLE PNEUMONIA & PLEURISY	161	3,696	4.36%
	ACUTE MYOCARDIAL INFARCTION	151	3,696	4.09%
	RENAL FAILURE	92	3,696	2.49%
	SEPTICEMIA OR SEVERE SEPSIS	370	4,473	8.27%
	HEART FAILURE & SHOCK	211	4,473	4.72%
Fargo Area	ACUTE MYOCARDIAL INFARCTION	199	4,473	4.45%
	SIMPLE PNEUMONIA & PLEURISY	140	4,473	3.13%
	PSYCHOSES	121	4,473	2.71%
	SEPTICEMIA OR SEVERE SEPSIS	291	2,815	10.34%
	HEART FAILURE & SHOCK	144	2,815	5.12%
Grand Forks Area	SIMPLE PNEUMONIA & PLEURISY	115	2,815	4.09%
	RENAL FAILURE	92	2,815	3.27%
	NUTRITIONAL & MISC METABOLIC DISORDERS	81	2,815	2.88%
	SEPTICEMIA OR SEVERE SEPSIS	195	2,599	7.50%
	SIMPLE PNEUMONIA & PLEURISY	144	2,599	5.54%
Minot Area	HEART FAILURE & SHOCK	115	2,599	4.43%
	ACUTE MYOCARDIAL INFARCTION	89	2,599	3.42%
	INTRACRANIAL HEMORRHAGE OR CEREBRAL INFA	88	2,599	3.39%
	SEPTICEMIA OR SEVERE SEPSIS	*	*	4.61%
	SIMPLE PNEUMONIA & PLEURISY	*	*	4.28%
	HEART FAILURE & SHOCK	*	*	3.95%
Western ND	NUTRITIONAL & MISC METABOLIC DISORDERS	*	*	3.29%
	CELLULITIS	*	*	2.96%
	PERC CARDIOVASC PROC W STENT	*	*	2.96%
	RENAL FAILURE	*	*	2.96%
	SEPTICEMIA OR SEVERE SEPSIS	1,329	16,476	8.07%
	HEART FAILURE & SHOCK	796	16,476	4.83%
North Dakota	SIMPLE PNEUMONIA & PLEURISY	697	16,476	4.23%
	ACUTE MYOCARDIAL INFARCTION	585	16,476	3.55%
	RENAL FAILURE	405	16,476	2.46%
	SEPTICEMIA OR SEVERE SEPSIS	2,822	37,456	7.53%
	HEART FAILURE & SHOCK	1,673	37,456	4.47%
GPQIN	SIMPLE PNEUMONIA & PLEURISY	1,552	37,456	4.14%
	ACUTE MYOCARDIAL INFARCTION	1,004	37,456	2.68%
	KIDNEY & URINARY TRACT INFECTIONS	948	37,456	2.53%

<sup>\*</sup> The number of admissions is too small to report.

**Top 5 Readmission DRG Bundles:** 07/01/2022 - 06/30/2023

Community	DRG Bundle Description	DRG Bundle 30-Day Readmissions	Community 30-Day Readmissions	Percent of Community 30-Day Readmissions
	SEPTICEMIA OR SEVERE SEPSIS	51	582	8.76%
Bismarck-	HEART FAILURE & SHOCK	36	582	6.19%
Mandan Area	ACUTE MYOCARDIAL INFARCTION	32	582	5.50%
ivianuan Area	SIMPLE PNEUMONIA & PLEURISY	21	582	3.61%
	G.I. HEMORRHAGE	16	582	2.75%
	SEPTICEMIA OR SEVERE SEPSIS	50	723	6.92%
	HEART FAILURE & SHOCK	46	723	6.36%
Fargo Area	ACUTE MYOCARDIAL INFARCTION	42	723	5.81%
	PSYCHOSES	37	723	5.12%
	CHRONIC OBSTRUCTIVE PULMONARY DISEASE	22	723	3.04%
	SEPTICEMIA OR SEVERE SEPSIS	42	411	10.22%
	RENAL FAILURE	25	411	6.08%
Grand Forks	HEART FAILURE & SHOCK	22	411	5.35%
Area	ALCOHOL/DRUG ABUSE OR DEPENDENCE	20	411	4.87%
	SIMPLE PNEUMONIA & PLEURISY	17	411	4.14%
	SEPTICEMIA OR SEVERE SEPSIS	36	414	8.70%
	HEART FAILURE & SHOCK	21	414	5.07%
Minot Area	SIMPLE PNEUMONIA & PLEURISY	21	414	5.07%
	ACUTE MYOCARDIAL INFARCTION	20	414	4.83%
	CIRRHOSIS & ALCOHOLIC HEPATITIS	14	414	3.38%
	SIMPLE PNEUMONIA & PLEURISY	*	*	9.09%
Western ND	RESPIRATORY INFECTIONS & INFLAMMATIONS	*	*	6.06%
	28 DRG Bundles Tied For Third	*	*	3.03%
	SEPTICEMIA OR SEVERE SEPSIS	197	2,526	7.80%
ND	HEART FAILURE & SHOCK	144	2,526	5.70%
	ACUTE MYOCARDIAL INFARCTION	113	2,526	4.47%
	SIMPLE PNEUMONIA & PLEURISY	96	2,526	3.80%
	RENAL FAILURE	82	2,526	3.25%
	SEPTICEMIA OR SEVERE SEPSIS	410	5,629	7.28%
GPQIN	HEART FAILURE & SHOCK	327	5,629	5.81%
	SIMPLE PNEUMONIA & PLEURISY	200	5,629	3.55%
	RENAL FAILURE	186	5,629	3.30%
	ACUTE MYOCARDIAL INFARCTION	174	5,629	3.09%

<sup>\*</sup> The number of readmissions is too small to report.

**Top 5 Admission DRG Bundles on Claims Discharged to a Skilled Nursing Facility:** 07/01/2022 - 06/30/2023

Mandan Area  SIMPLE PNEUMO KIDNEY & URINA  SEPTICEMIA OR S HEART FAILURE & HIP & FEMUR PR SIMPLE PNEUMO RENAL FAILURE SEPTICEMIA OR S	S SHOCK OCEDURES EXCEPT MAJOR JOINT NIA & PLEURISY RY TRACT INFECTIONS SEVERE SEPSIS	78 32 32 30 29	670 670 670	11.64% 4.78%
Bismarck- Mandan Area  HIP & FEMUR PR SIMPLE PNEUMO KIDNEY & URINA  SEPTICEMIA OR S HEART FAILURE & HIP & FEMUR PR SIMPLE PNEUMO RENAL FAILURE SEPTICEMIA OR S NUTRITIONAL & SIMPLE PNEUMO RENAL FAILURE HEART FAILURE SEPTICEMIA OR S SIMPLE PNEUMO RENAL FAILURE HEART FAILURE SEPTICEMIA OR S SIMPLE PNEUMO	OCEDURES EXCEPT MAJOR JOINT NIA & PLEURISY RY TRACT INFECTIONS SEVERE SEPSIS	32 30	670	
Mandan Area  HIP & FEMUR PR SIMPLE PNEUMO KIDNEY & URINA SEPTICEMIA OR S HEART FAILURE HIP & FEMUR PR SIMPLE PNEUMO RENAL FAILURE SEPTICEMIA OR S NUTRITIONAL & SIMPLE PNEUMO RENAL FAILURE HEART FAILURE HEART FAILURE SEPTICEMIA OR S SIMPLE PNEUMO SEPTICEMIA OR S SIMPLE PNEUMO	NIA & PLEURISY RY TRACT INFECTIONS SEVERE SEPSIS	30		4.700/
Fargo Area  Fargo	RY TRACT INFECTIONS SEVERE SEPSIS		670	4.78%
Fargo Area  Fargo Area  HEART FAILURE & HIP & FEMUR PR SIMPLE PNEUMO RENAL FAILURE  SEPTICEMIA OR S NUTRITIONAL & SIMPLE PNEUMO RENAL FAILURE  HEART FAILURE & SEPTICEMIA OR S SIMPLE PNEUMO RENAL FAILURE & SEPTICEMIA OR S SIMPLE PNEUMO SIMPLE PNEUMO SIMPLE PNEUMO	SEVERE SEPSIS	29		4.48%
Fargo Area  HEART FAILURE & HIP & FEMUR PR SIMPLE PNEUMO RENAL FAILURE  SEPTICEMIA OR SIMPLE PNEUMO RENAL FAILURE  HEART FAILURE & SEPTICEMIA OR SIMPLE PNEUMO RENAL FAILURE & SEPTICEMIA OR SIMPLE PNEUMO SIMPLE PNEUMO SIMPLE PNEUMO			670	4.33%
Fargo Area  HIP & FEMUR PR SIMPLE PNEUMO RENAL FAILURE  SEPTICEMIA OR S NUTRITIONAL & SIMPLE PNEUMO RENAL FAILURE HEART FAILURE SEPTICEMIA OR S SIMPLE PNEUMO	S SHOCK	89	911	9.77%
Grand Forks Area  Grand Forks Area  SIMPLE PNEUMO SEPTICEMIA OR S NUTRITIONAL & SIMPLE PNEUMO RENAL FAILURE HEART FAILURE & SEPTICEMIA OR S SIMPLE PNEUMO	x 5110 CR	58	911	6.37%
Grand Forks Area  RENAL FAILURE  SEPTICEMIA OR S  NUTRITIONAL &  SIMPLE PNEUMO  RENAL FAILURE  HEART FAILURE &  SEPTICEMIA OR S  SIMPLE PNEUMO	OCEDURES EXCEPT MAJOR JOINT	50	911	5.49%
Grand Forks Area  SEPTICEMIA OR S NUTRITIONAL & SIMPLE PNEUMO RENAL FAILURE HEART FAILURE & SEPTICEMIA OR S SIMPLE PNEUMO	NIA & PLEURISY	37	911	4.06%
Grand Forks Area  NUTRITIONAL & SIMPLE PNEUMO RENAL FAILURE HEART FAILURE & SEPTICEMIA OR S SIMPLE PNEUMO		36	911	3.95%
Grand Forks Area SIMPLE PNEUMO RENAL FAILURE HEART FAILURE SEPTICEMIA OR S SIMPLE PNEUMO	EVERE SEPSIS	77	571	13.49%
Area SIMPLE PNEUMO RENAL FAILURE HEART FAILURE SEPTICEMIA OR S SIMPLE PNEUMO	MISC METABOLIC DISORDERS	30	571	5.25%
RENAL FAILURE HEART FAILURE 8 SEPTICEMIA OR 9 SIMPLE PNEUMO	NIA & PLEURISY	30	571	5.25%
SEPTICEMIA OR S		27	571	4.73%
SIMPLE PNEUMO	& SHOCK	26	571	4.55%
	SEVERE SEPSIS	32	396	8.08%
Minot Area HEART FAILURE	NIA & PLEURISY	30	396	7.58%
	& SHOCK	20	396	5.05%
HIP & FEMUR PR	OCEDURES EXCEPT MAJOR JOINT	20	396	5.05%
KIDNEY & URINA	RY TRACT INFECTIONS	18	396	4.55%
SEPTICEMIA OR S	SEVERE SEPSIS	*	*	7.58%
SIMPLE PNEUMO	NIA & PLEURISY	*	*	6.06%
CELLULITIS		*	*	4.55%
Western ND FX, SPRN, STRN 8	DISL EXCEPT FEMUR, HIP, PELVIS & THIGH	*	*	4.55%
HIP & FEMUR PR	OCEDURES EXCEPT MAJOR JOINT	*	*	4.55%
NUTRITIONAL &	MISC METABOLIC DISORDERS	*	*	4.55%
RENAL FAILURE		*	*	4.55%
SEPTICEMIA OR S	SEVERE SEPSIS	313	3,175	9.86%
HEART FAILURE &	& SHOCK	160	3,175	5.04%
North Dakota SIMPLE PNEUMO	NIA & PLEURISY	157	3,175	4.95%
	OCEDURES EXCEPT MAJOR JOINT	153	3,175	4.82%
	RY TRACT INFECTIONS	123	3,175	3.87%
SEPTICEMIA OR S	SEVERE SEPSIS	642	7,298	8.80%
	OCEDURES EXCEPT MAJOR JOINT	386	-	5.29%
GPQIN SIMPLE PNEUMO			/.298	
HEART FAILURE	NIA & PLEURISY		7,298 7,298	
KIDNEY & URINA		354 335	7,298 7,298 7,298	4.85% 4.59%

<sup>\*</sup> The number of admissions is too small to report.

# Top 5 Readmission DRG Bundles on Claims Whose Index Discharge\*\*\* was to a Skilled Nursing Facility:

07/01/2022 - 06/30/2023

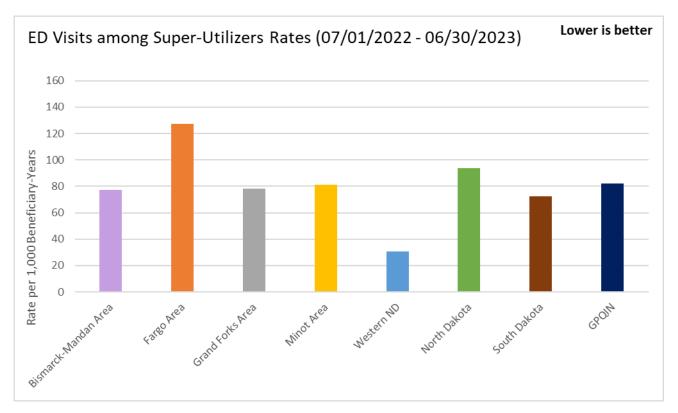
<sup>\*\*\*</sup>See first paragraph on page 2 for definition of Index Discharge

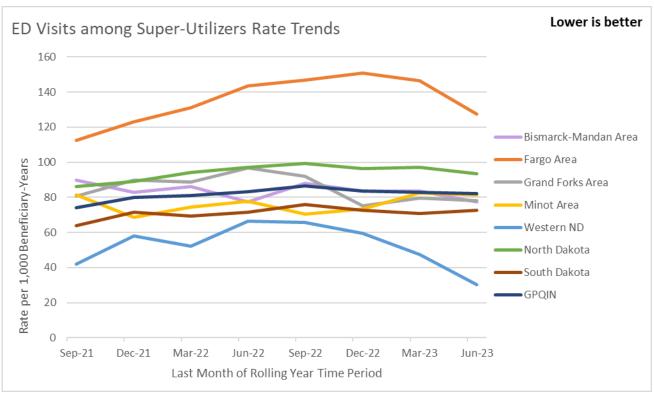
SEPTICEMIA OR SEVERE SEPSIS	Community	DRG Bundle Description	DRG Bundle 30-Day Readmissions	Community 30-Day Readmissions	Percent of Community 30-Day Readmissions
Bismarck   Mandan Area   Miner   Min		SEPTICEMIA OR SEVERE SEPSIS	*	*	11.65%
Name		HEART FAILURE & SHOCK	*		5.83%
RENAL FAILURE		KIDNEY & URINARY TRACT INFECTIONS			4.85%
DIABETES		RENAL FAILURE			4.85%
O.R. PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS   *   3.88%		ACUTE MYOCARDIAL INFARCTION			3.88%
SEPTICEMIA OR SEVERE SEPSIS   *   *   11.18%		DIABETES			3.88%
Fargo Area   Acute Myocardial Infarctions   * * * * * * * * * * * * * * * * * *		O.R. PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS			3.88%
Fargo Area  ACUTE MYOCARDIAL INFARCTION  KIDNEY & URINARY TRACT INFECTIONS  NUTRITIONAL & MISC METABOLIC DISORDERS  SEPTICEMIA OR SEVERE SEPSIS  Grand Forks  Area  INFECTIOUS & PARASITIC DISEASES W O.R. PROCEDURE  SEPTICEMIA OR SEVERE SEPSIS  MINTERTIONAL & MISC METABOLIC DISORDERS  Area  INFECTIOUS & PARASITIC DISEASES W O.R. PROCEDURE  SEPTICEMIA OR SEVERE SEPSIS  NUTRITIONAL & MISC METABOLIC DISORDERS  SEPTICEMIA OR SEVERE SEPSIS  SIMPLE PNEUMONIA & PLEURISY  MINOTATIONAL & MISC METABOLIC DISORDERS  SEPTICEMIA OR SEVERE SEPSIS  SIMPLE PNEUMONIA & PLEURISY  MINOTATER  HEART FAILURE & SHOCK  INFECTIOUS & PARASITIC DISEASES W O.R. PROCEDURE  ACUTE MYOCARDIAL INFARCTION  CIRCULATORY DISORDERS EXCEPT AMI, W CARD CATH  FOOT PROCEDURES  FRACTURES OF HIP & PELVIS  HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT  MAJOR CHEST PROCEDURES  MENSTRUAL & OTHER FEMALE REPRODUCTIVE SYSTEM DISORDERS  SEPTICEMIA OR SEVERE SEPSIS  SEPTICEMIA OR SEVERE SEPSIS  ND  RENAL FAILURE  ACUTE MYOCARDIAL INFARCTION  THE PREMUR PROCEDURES  SEPTICEMIA OR SEVERE SEPSIS  MENSTRUAL & OTHER FEMALE REPRODUCTIVE SYSTEM DISORDERS  SEPTICEMIA OR SEVERE SEPSIS  PERACTURE SEPSIS  SEPTICEMIA OR SEVERE S		SEPTICEMIA OR SEVERE SEPSIS			11.18%
KIDNEY & URINARY TRACT INFECTIONS		HEART FAILURE & SHOCK	*	*	6.58%
NUTRITIONAL & MISC METABOLIC DISORDERS	Fargo Area	ACUTE MYOCARDIAL INFARCTION	*	*	4.61%
SEPTICEMIA OR SEVERE SEPSIS   * * * * * * * * * * * * * * * * * *		KIDNEY & URINARY TRACT INFECTIONS	*	*	3.95%
RENAL FAILURE		NUTRITIONAL & MISC METABOLIC DISORDERS	*	*	3.95%
SIMPLE PNEUMONIA & PLEURISY   * * 6.98%		SEPTICEMIA OR SEVERE SEPSIS	*	*	18.61%
Area    INFECTIOUS & PARASITIC DISEASES W O.R. PROCEDURE   * * 5.81%		RENAL FAILURE	*	*	6.98%
DIABETES   * * 3.49%	Grand Forks	SIMPLE PNEUMONIA & PLEURISY	*	*	6.98%
NUTRITIONAL & MISC METABOLIC DISORDERS	Area	INFECTIOUS & PARASITIC DISEASES W O.R. PROCEDURE	*	*	5.81%
SEPTICEMIA OR SEVERE SEPSIS   *   *   12.50%		DIABETES	*	*	3.49%
Minot Area  Minot Area  Simple PNEUMONIA & PLEURISY  SIMPLE PNEUMONIA & PLEURISY  HEART FAILURE & SHOCK  RENAL FAILURE  ACUTE MYOCARDIAL INFARCTION  CIRCULATORY DISORDERS EXCEPT AMI, W CARD CATH FOOT PROCEDURES  FRACTURES OF HIP & PELVIS  HIP & FEMUR PROCEDURES SCEPT MAIOR JOINT  MAJOR CHEST PROCEDURES  SEPTICEMIA OR SEVERE SEPSIS  ND  RENAL FAILURE  ACUTE MYOCARDIAL INFARCTION  * * * **  ***  ***  ***  ***  ***  *		NUTRITIONAL & MISC METABOLIC DISORDERS	*	*	3.49%
Minot Area    HEART FAILURE & SHOCK		SEPTICEMIA OR SEVERE SEPSIS	*	*	12.50%
MAINTOL AREA   MEART PAILURE & SHOCK	Minot Area	SIMPLE PNEUMONIA & PLEURISY	*	*	8.93%
NECETIOUS & PARASITIC DISEASES W. U.R. PROCEDURE   RENAL FAILURE		HEART FAILURE & SHOCK	*	*	7.14%
NEINAL FAILURE		INFECTIOUS & PARASITIC DISEASES W O.R. PROCEDURE	*	*	7.14%
Western ND   CIRCULATORY DISORDERS EXCEPT AMI, W CARD CATH		RENAL FAILURE	*	*	7.14%
Western ND   FOOT PROCEDURES   * * * * * * * * * * * * * * * * * *		ACUTE MYOCARDIAL INFARCTION	*	*	**
No.		CIRCULATORY DISORDERS EXCEPT AMI, W CARD CATH	*	*	**
HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT		FOOT PROCEDURES	*	*	**
MAJOR CHEST PROCEDURES   * * * * * * * * * * * * * * * * * *		FRACTURES OF HIP & PELVIS	*	*	**
MAJOR CHEST PROCEDURES       *       **       **         MENSTRUAL & OTHER FEMALE REPRODUCTIVE SYSTEM DISORDERS       *       *       **         OSTEOMYELITIS       *       *       **       **         SEPTICEMIA OR SEVERE SEPSIS       *       *       **       **         SOFT TISSUE PROCEDURES       *       *       **       **       **         SEPTICEMIA OR SEVERE SEPSIS       57       483       11.80%         HEART FAILURE & SHOCK       25       483       5.18%         SIMPLE PNEUMONIA & PLEURISY       19       483       3.93%         INFECTIOUS & PARASITIC DISEASES W O.R. PROCEDURE       18       483       3.73%         SEPTICEMIA OR SEVERE SEPSIS       111       1,092       10.17%         HEART FAILURE & SHOCK       65       1,092       5.95%         GPQIN       KIDNEY & URINARY TRACT INFECTIONS       50       1,092       4.58%         HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT       47       1,092       4.30%		HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT	*	*	**
SEPTICEMIA OR SEVERE SEPSIS   * * * * * * * * * * * * * * * * * *	Western ND	MAJOR CHEST PROCEDURES	*	*	**
SEPTICEMIA OR SEVERE SEPSIS   * * * * * * * * * * * * * * * * * *		MENSTRUAL & OTHER FEMALE REPRODUCTIVE SYSTEM DISORDERS	*	*	**
SEPTICEMIA OR SEVERE SEPSIS   * * * * * * * * * * * * * * * * * *		OSTEOMYELITIS	*	*	**
SEPTICEMIA OR SEVERE SEPSIS   57   483   11.80%		SEPTICEMIA OR SEVERE SEPSIS	*	*	**
HEART FAILURE & SHOCK   25   483   5.18%		SOFT TISSUE PROCEDURES	*	*	**
ND   RENAL FAILURE   24   483   4.97%		SEPTICEMIA OR SEVERE SEPSIS	57	483	11.80%
SIMPLE PNEUMONIA & PLEURISY   19   483   3.93%     INFECTIOUS & PARASITIC DISEASES W O.R. PROCEDURE   18   483   3.73%     SEPTICEMIA OR SEVERE SEPSIS   111   1,092   10.17%     HEART FAILURE & SHOCK   65   1,092   5.95%     KIDNEY & URINARY TRACT INFECTIONS   50   1,092   4.58%     HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT   47   1,092   4.30%		HEART FAILURE & SHOCK	25	483	5.18%
INFECTIOUS & PARASITIC DISEASES W O.R. PROCEDURE   18	ND		24	483	4.97%
INFECTIOUS & PARASITIC DISEASES W O.R. PROCEDURE   18		SIMPLE PNEUMONIA & PLEURISY	19	483	3.93%
SEPTICEMIA OR SEVERE SEPSIS   111   1,092   10.17%			18	483	3.73%
HEART FAILURE & SHOCK   65   1,092   5.95%			111	1,092	10.17%
GPQIN         KIDNEY & URINARY TRACT INFECTIONS         50         1,092         4.58%           HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT         47         1,092         4.30%				,	
HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT 47 1,092 4.30%	GPQIN			,	
		INFECTIOUS & PARASITIC DISEASES W O.R. PROCEDURE	42		3.85%

<sup>\*</sup> The number of readmissions is too small to report.

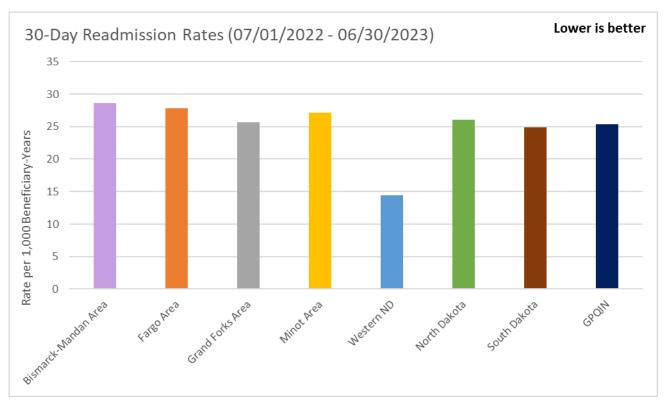
<sup>\*\*</sup> Not reported to maintain confidentiality

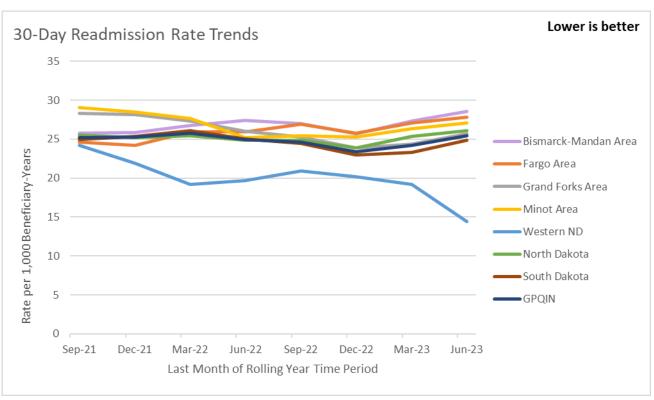
**ED Visits among Super-Utilizers Rate:** ("Super-Utilizers" are Medicare Beneficiaries who have at least 4 inpatient discharges or at least 5 ED visits, observation stays, and inpatient discharges combined in the 12-month period immediately preceding the performance period)





#### **30-Day Readmissions Rates:**





## **NURSING HOME**

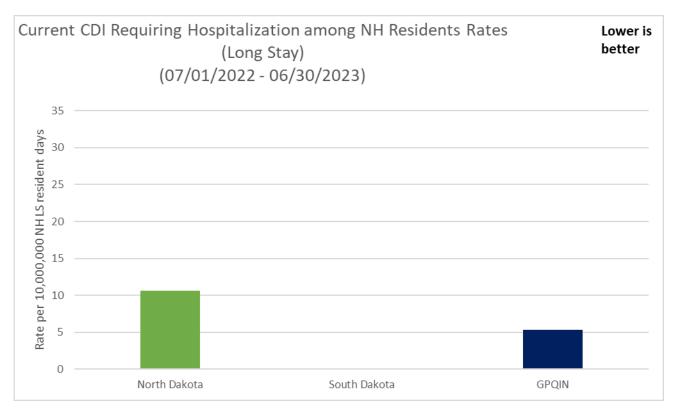
#### **Data Overview and Definitions**

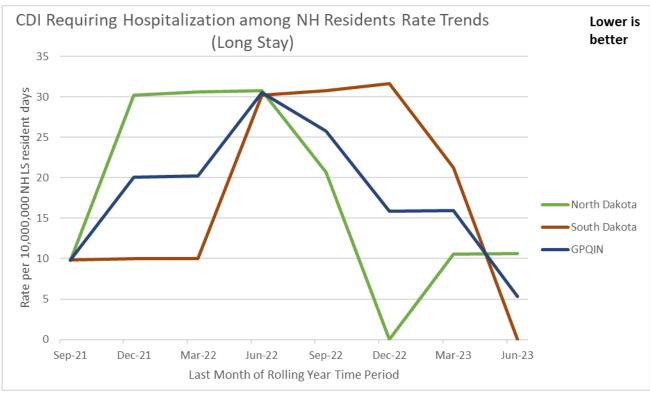
The following Nursing Home (NH) measures utilize Medicare Claims Fee-for-Service (FFS) and Minimum Data Set (MDS) data prepared by the CMS Data Validation and Administration (DVA) contractor. Rates and trends are reported at GPQIN and state level for all measures. Where sufficient data is available, rates and trends are also reported at the PCH level. Each measure is calculated separately for long stay (LS) and short stay (SS) classified beneficiaries. Long stay is defined as all days in the nursing home beginning on and continuing after the 101<sup>st</sup> cumulative day among stays in the same nursing facility. Short stay includes all days prior to the 101<sup>st</sup> cumulative day in the same nursing facility.

#### Measures included are:

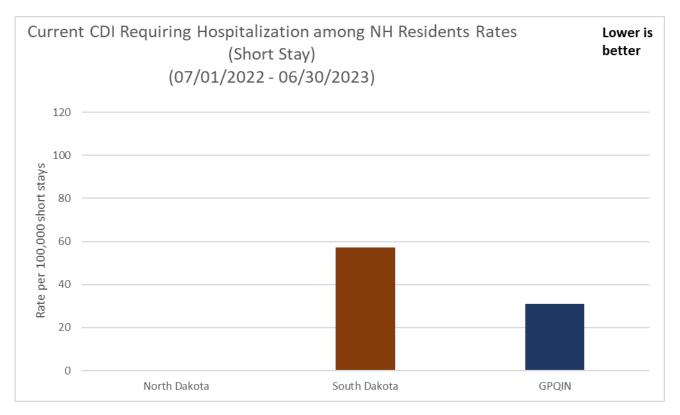
- Clostridioides difficile (CDI) Requiring Hospitalization (Long Stay): Rate of inpatient admissions due to CDI per 10 million nursing home long-stay resident days among Medicare Fee-for-Service beneficiaries.
- Clostridioides difficile (CDI) Requiring Hospitalization (Short Stay): Rate of nursing home short stays with an inpatient admission due to CDI per 100,000 short stays among Medicare Fee-for-Service beneficiaries.
- Anticoagulant, Antidiabetic, or Opioid Adverse Drug Event (ADE) Hospital Encounters (Long Stay): Rate of
  emergency department, observation, and inpatient anticoagulant, antidiabetic, or opioid ADEs per 100,000
  nursing home long-stay resident days among Medicare Fee-for-Service beneficiaries with filled anticoagulant,
  antidiabetic, or opioid prescription(s).
- Anticoagulant, Antidiabetic, or Opioid Adverse Drug Event (ADE) Hospital Encounters (Short Stay): Rate of
  nursing home short stays with an emergency department, observation, or inpatient anticoagulant, antidiabetic,
  or opioid ADEs per 1,000 stay stays among Medicare Fee-for-Service beneficiaries with filled anticoagulant,
  antidiabetic, or opioid prescription(s).
- COVID-19, Pneumonia, Sepsis, or Urinary Tract Infection (UTI) Requiring Hospitalization (Long Stay): Rate of
  inpatient admission due to COVID-19, pneumonia, sepsis, or UTI per 100,000 nursing home long-stay resident
  days among Medicare Fee-for-Service beneficiaries.
- COVID-19, Pneumonia, Sepsis, or Urinary Tract Infection (UTI) Requiring Hospitalization (Short Stay):
   Percentage of nursing home short stays by Medicare Fee-for-Service beneficiaries having an inpatient admission due to COVID-19, pneumonia, sepsis, or UTI.
- **30-Day Preventable ED Visits (Long Stay):** Percentage of nursing home stays by long-stay residents who are Medicare Fee-for-Service beneficiaries having a potentially preventable emergency department visits within 30 days after an inpatient discharge.
- **30-Day Preventable ED Visits (Short Stay):** Percentage of nursing home short stays by Medicare Fee-for-Service beneficiaries having a potentially preventable emergency department visits within 30 days after an inpatient discharge.
- **30-Day Readmissions (Long Stay):** Percentage of nursing home stays by long-stay residents who are Medicare Fee-for-Service beneficiaries having an all-cause inpatient readmission within 30 days after an inpatient discharge.
- **30-Day Readmissions (Short Stay):** Percentage of nursing home short stays by Medicare Fee-for-Service beneficiaries having an all-cause inpatient readmission within 30 days after an inpatient discharge.

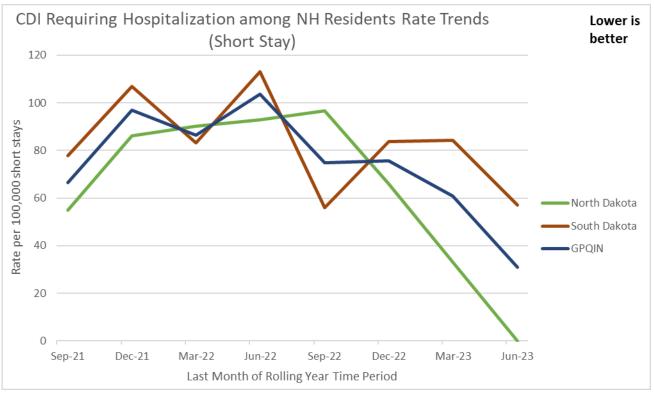
Clostridioides difficile (CDI) Requiring Hospitalization (Long Stay): Rate of inpatient admissions due to CDI per 10 million nursing home long-stay resident days among Medicare Fee-for-Service beneficiaries.



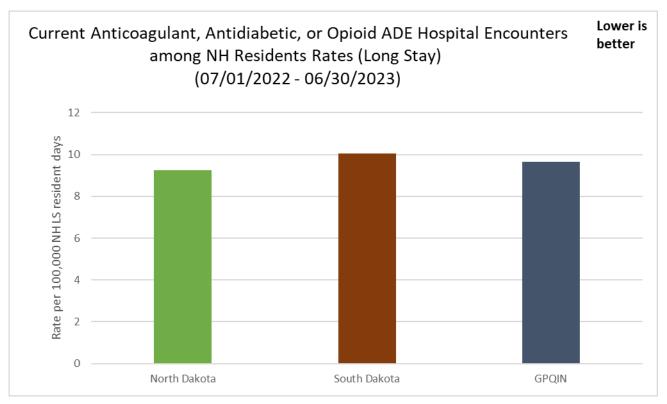


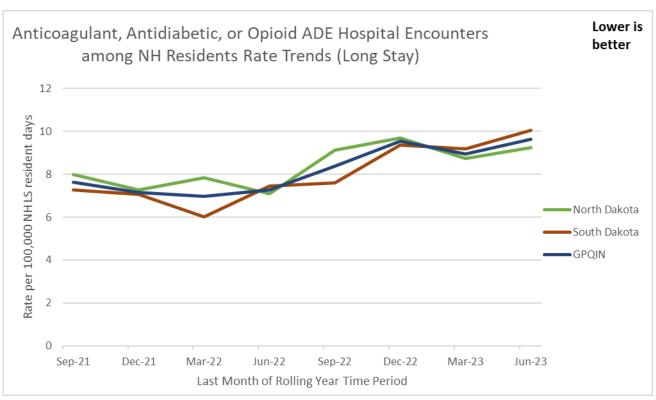
Clostridioides difficile (CDI) Requiring Hospitalization (Short Stay): Rate of nursing home short stays with an inpatient admission due to CDI per 100,000 short stays among Medicare Fee-for-Service beneficiaries.



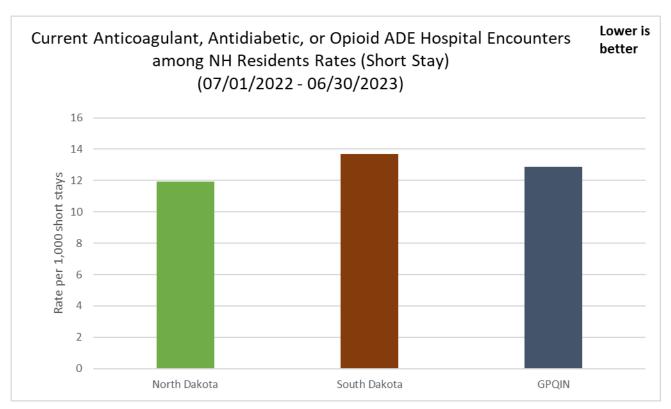


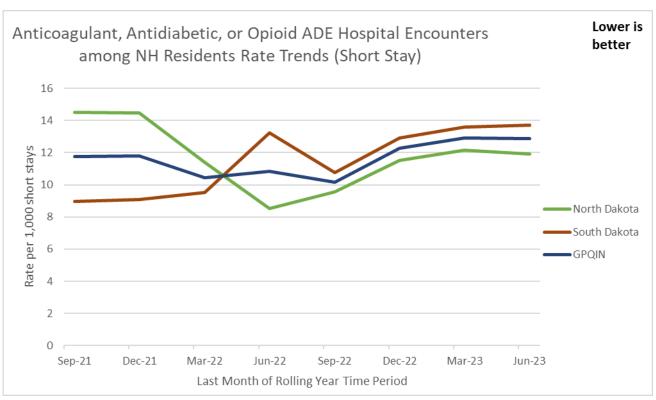
Anticoagulant, Antidiabetic, or Opioid Adverse Drug Event (ADE) Hospital Encounters (Long Stay): Rate of emergency department, observation, and inpatient anticoagulant, antidiabetic, or opioid ADEs per 100,000 nursing home long-stay resident days among Medicare Fee-for-Service beneficiaries with filled anticoagulant, antidiabetic, or opioid prescription(s).



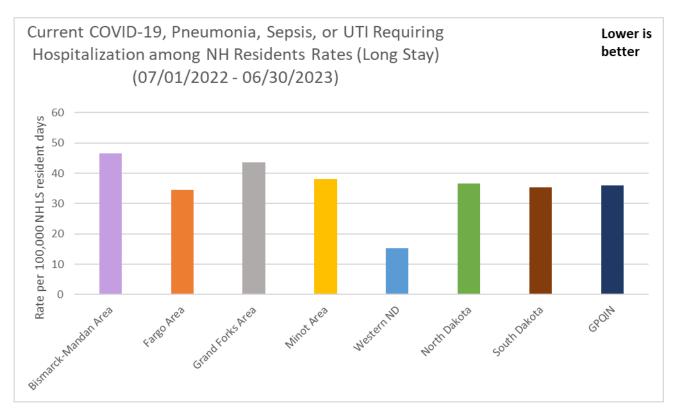


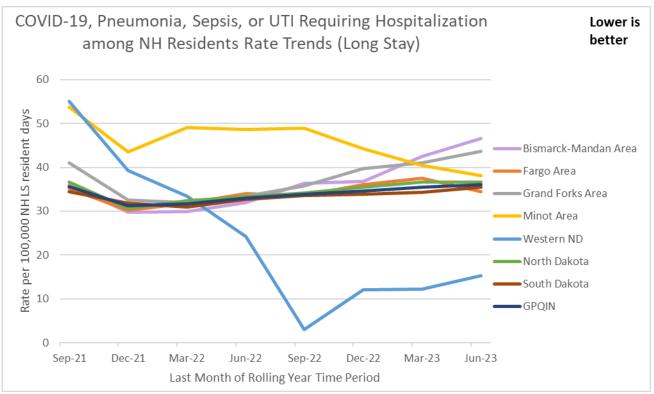
Anticoagulant, Antidiabetic, or Opioid Adverse Drug Event (ADE) Hospital Encounters (Short Stay): Rate of nursing home short stays with an emergency department, observation, or inpatient anticoagulant, antidiabetic, or opioid ADEs per 1,000 stay stays among Medicare Fee-for-Service beneficiaries with filled anticoagulant, antidiabetic, or opioid prescription(s).



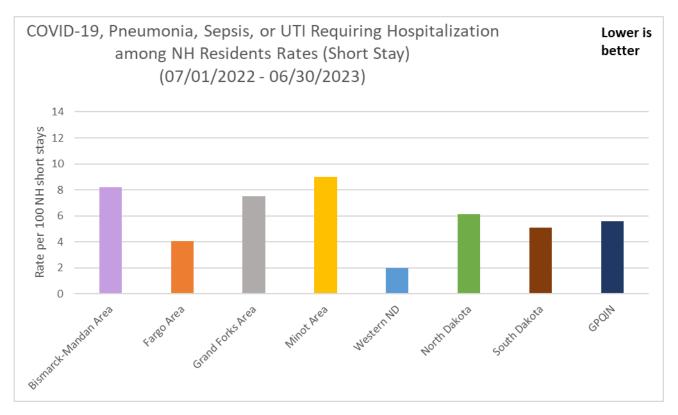


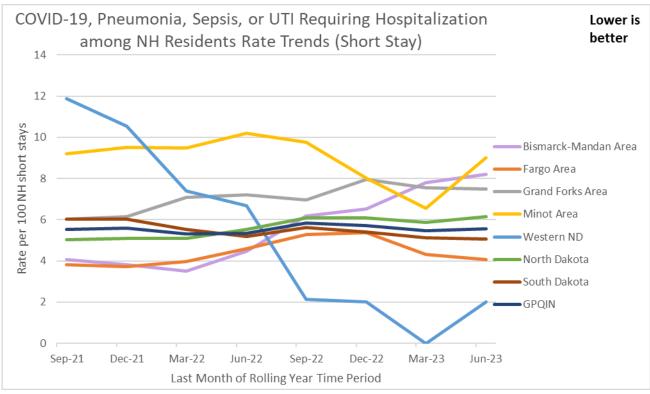
**COVID-19, Pneumonia, Sepsis, or UTI Requiring Hospitalization (Long Stay):** Rate of inpatient admission due to COVID-19, pneumonia, sepsis, or UTI per 100,000 nursing home long-stay resident days among Medicare Fee-for-Service beneficiaries.



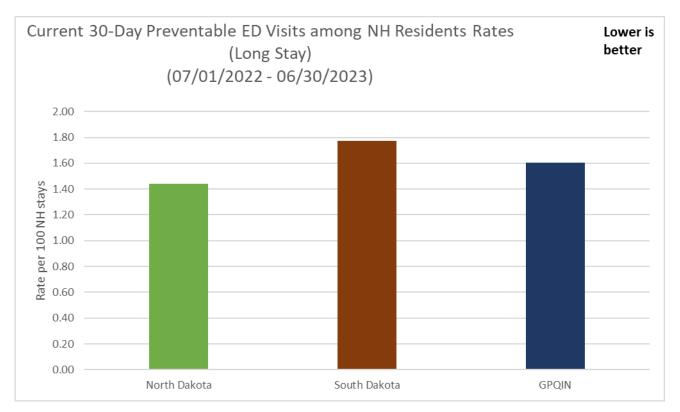


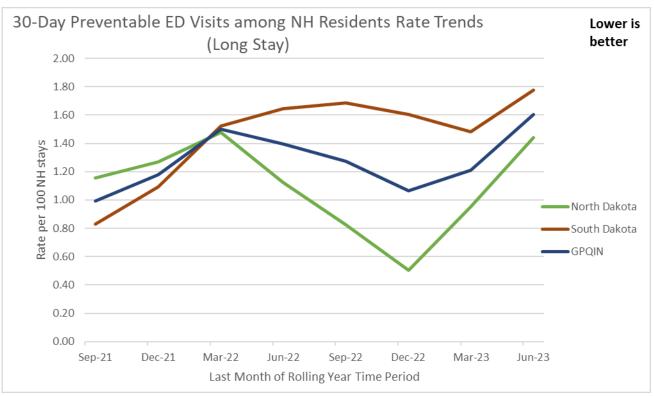
**COVID-19, Pneumonia, Sepsis, or UTI Requiring Hospitalization (Short Stay):** Percentage of nursing home short stays by Medicare Fee-for-Service beneficiaries having an inpatient admission due to COVID-19, pneumonia, sepsis, or UTI.



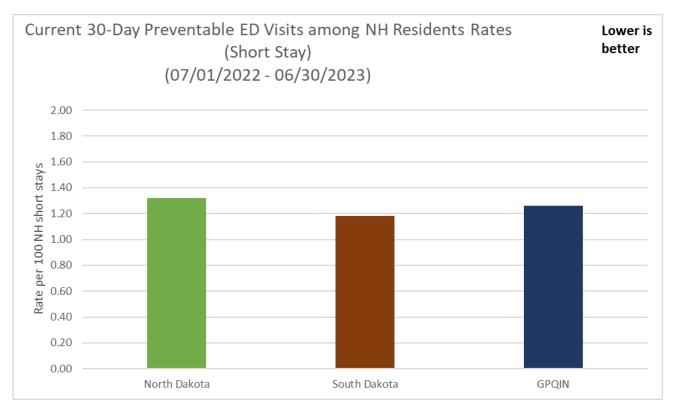


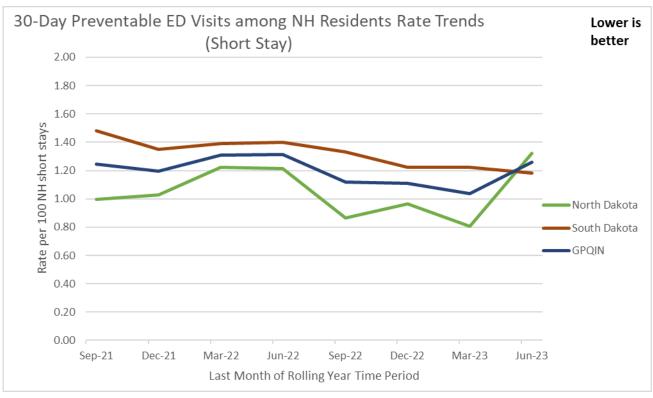
**30-Day Preventable ED Visits (Long Stay):** Percentage of nursing home stays by long-stay residents who are Medicare Fee-for-Service beneficiaries having a potentially preventable emergency department visits within 30 days after an inpatient discharge.



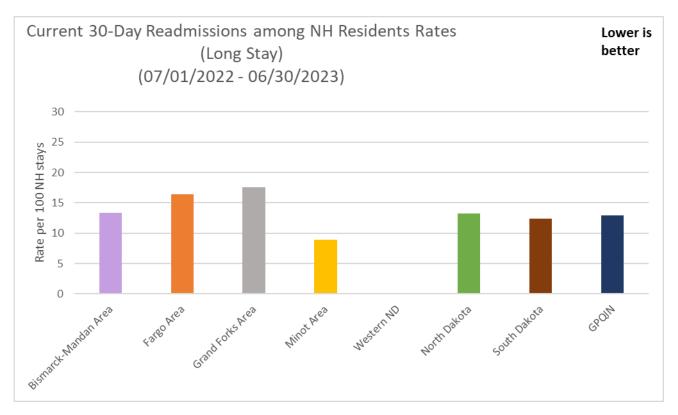


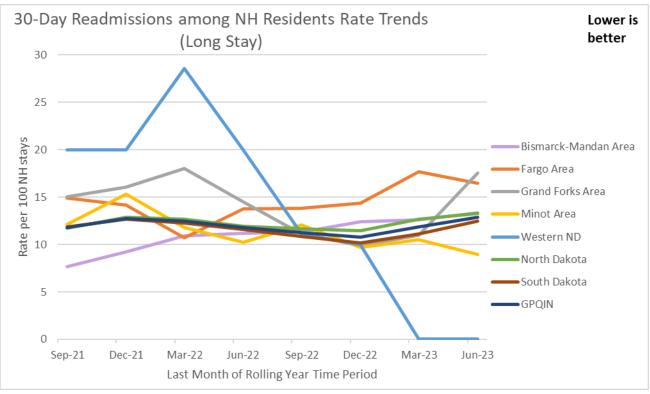
**30-Day Preventable ED Visits (Short Stay):** Percentage of nursing home short stays by Medicare Fee-for-Service beneficiaries having a potentially preventable emergency department visits within 30 days after an inpatient discharge.



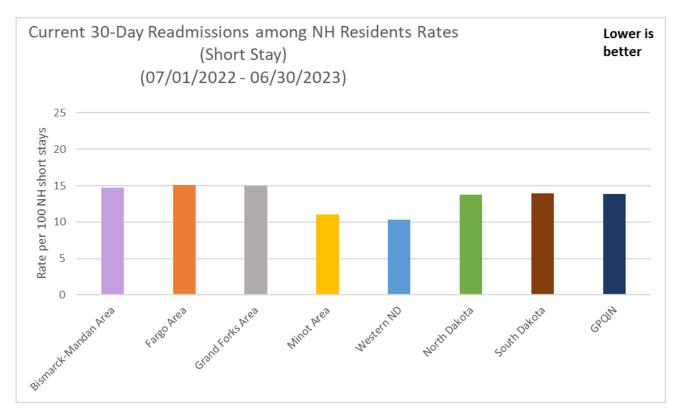


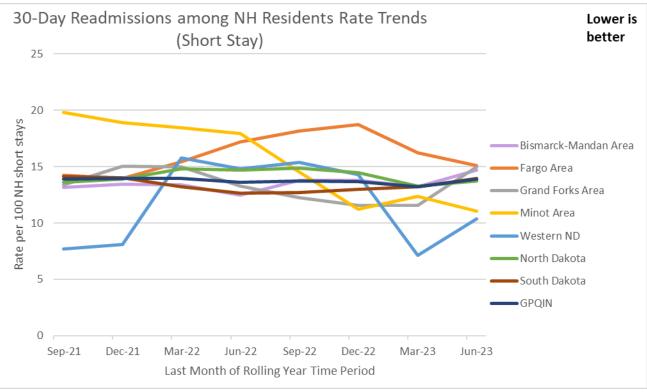
**30-Day Readmissions (Long Stay):** Percentage of nursing home stays by long-stay residents who are Medicare Fee-for-Service beneficiaries having an all-cause inpatient readmission within 30 days after an inpatient discharge.





**30-Day Readmissions (Short Stay):** Percentage of nursing home short stays by Medicare Fee-for-Service beneficiaries having an all-cause inpatient readmission within 30 days after an inpatient discharge.





For questions on this report, please contact a member of our Great Plains Quality Innovation Network team; visit the Who We Are page (<a href="https://greatplainsqin.org/about-us/who-we-are/">https://greatplainsqin.org/about-us/who-we-are/</a>) for a listing of team members and contact information.