

## Background

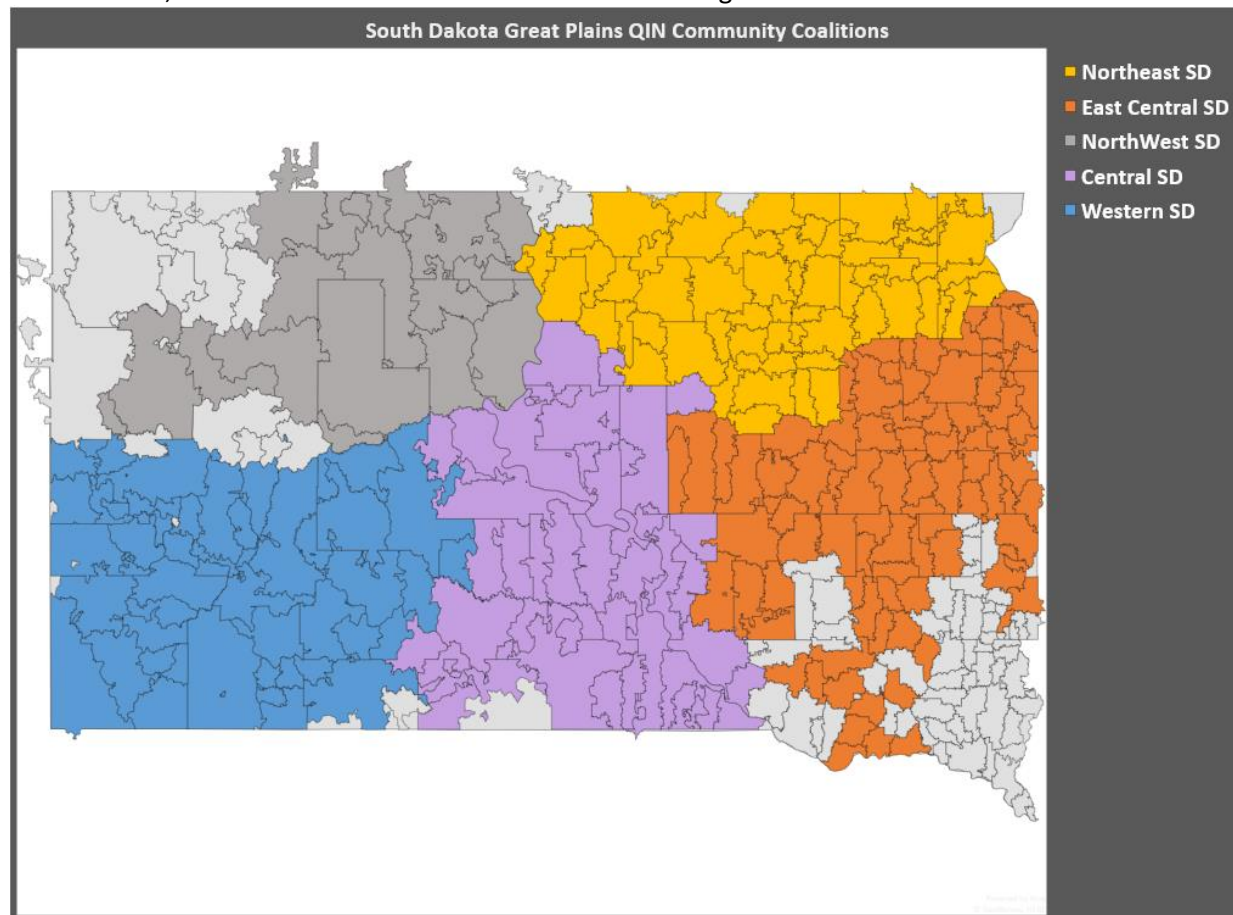
North Dakota and South Dakota communities have many attributes that are similar, yet qualities that make them unique. However, when it comes to healthcare, each state has a shared commitment to ensuring quality of care for its community members.

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 the Great Plains Quality Innovation Network, the Medicare Quality Improvement Organization for North Dakota and South Dakota, under contract with the Centers for Medicare & Medicaid Services (CMS), an agency of the U.S. Department of Health and Human Services. The contents presented do not necessarily reflect CMS policy. 11SOW-GPQIN-ND-C3-46/0316 (Revised 04/19)

## 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.

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*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](#)

[RHlhub-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](#)

[Social Determinants of Health in Rural Communities Toolkit](#)

*Go to our GPQIN Quality of Care Transitions Webpage*

<https://greatplainsqin.org/initiatives/care-transitions/>

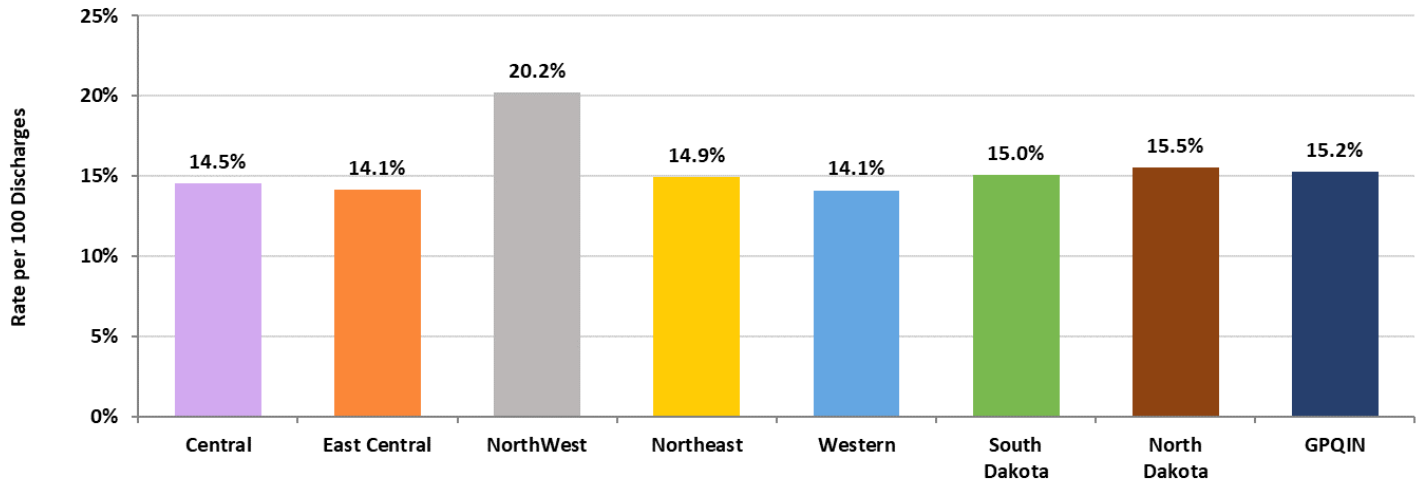
*Go to our GPQIN Nursing Home Quality Webpage:*

<https://greatplainsqin.org/initiatives/nursing-home-quality/>

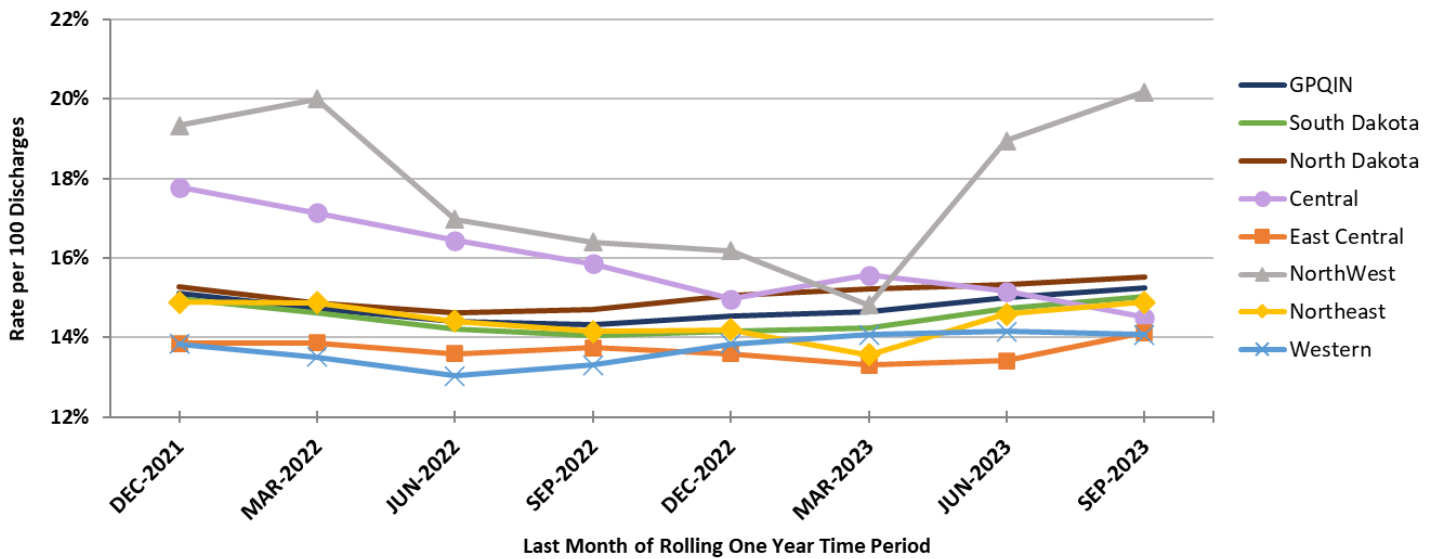
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## Community Data Highlights

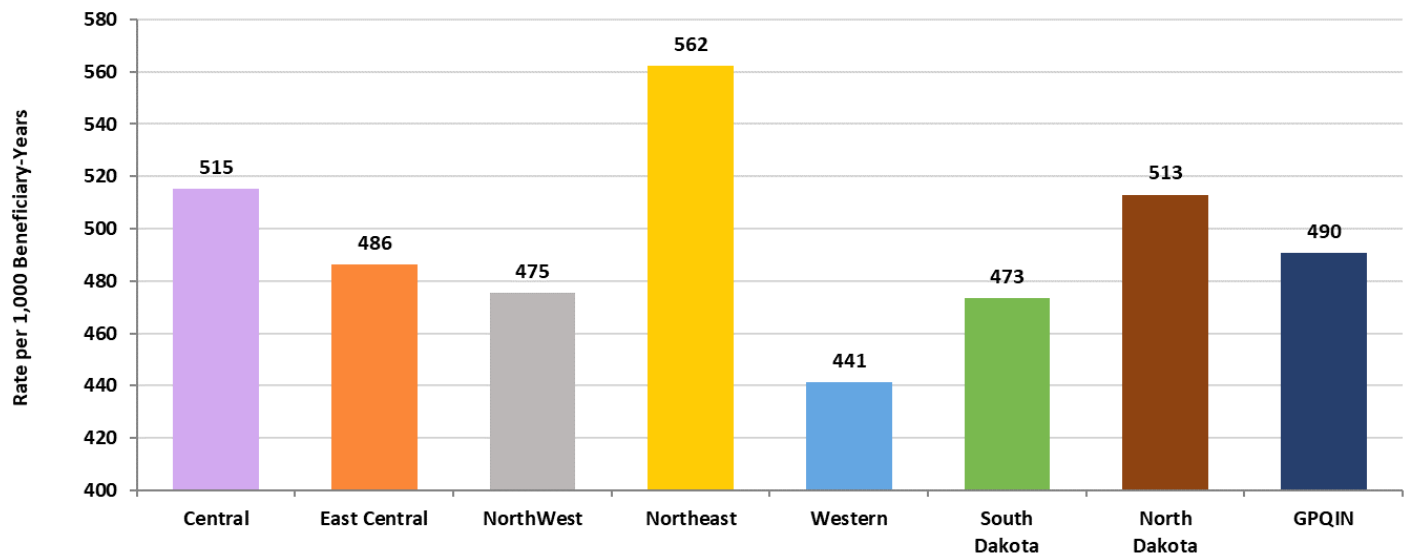
Current Readmission Rates (# of readmissions within 30 days / # of discharges): 10/01/2022 - 09/30/2023



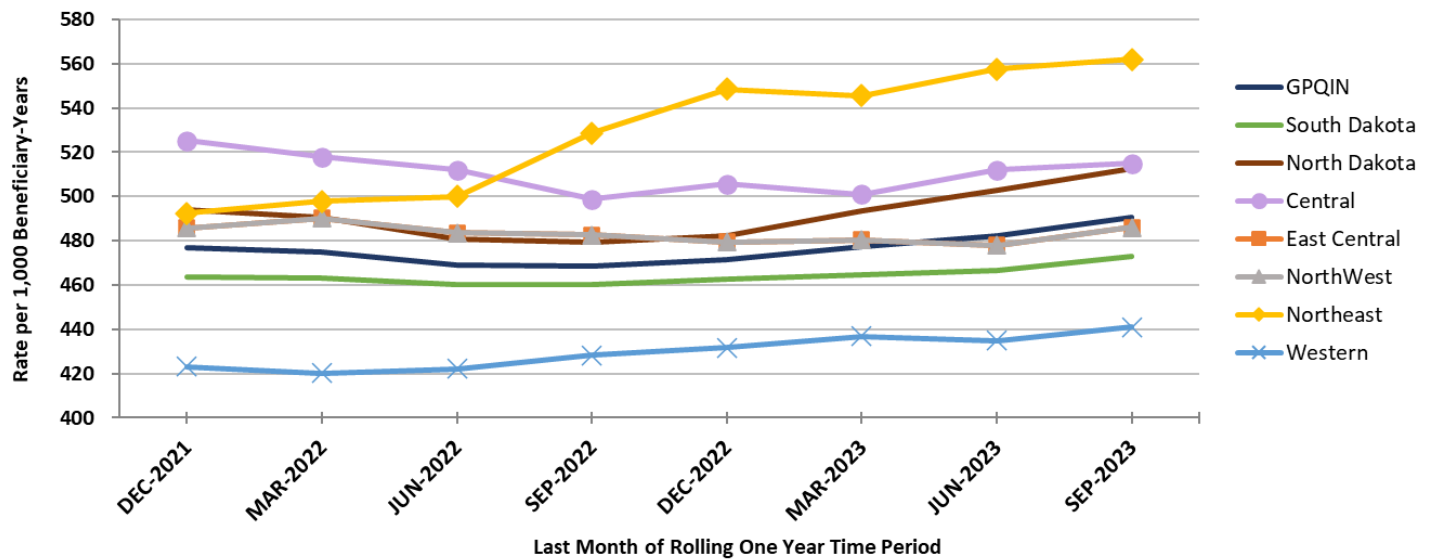
### Readmission Rate Trends:



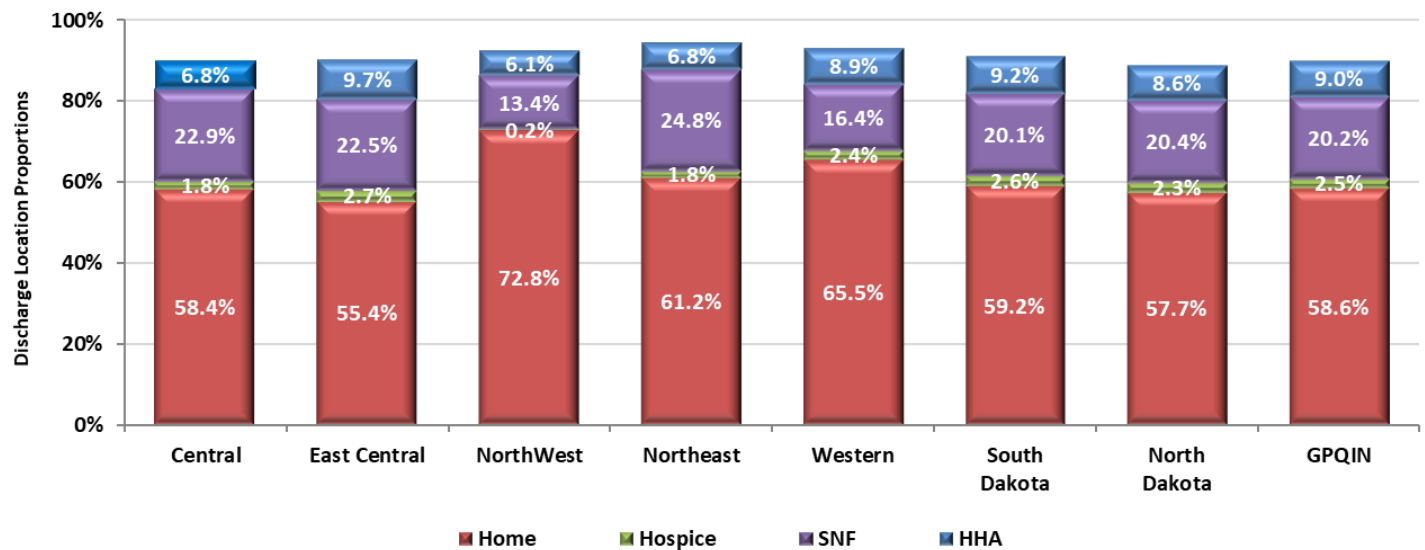
**Current Hospital Utilization (Admissions and ED Visits per 1,000 Beneficiary-Years): 10/01/2022 - 09/30/2023**



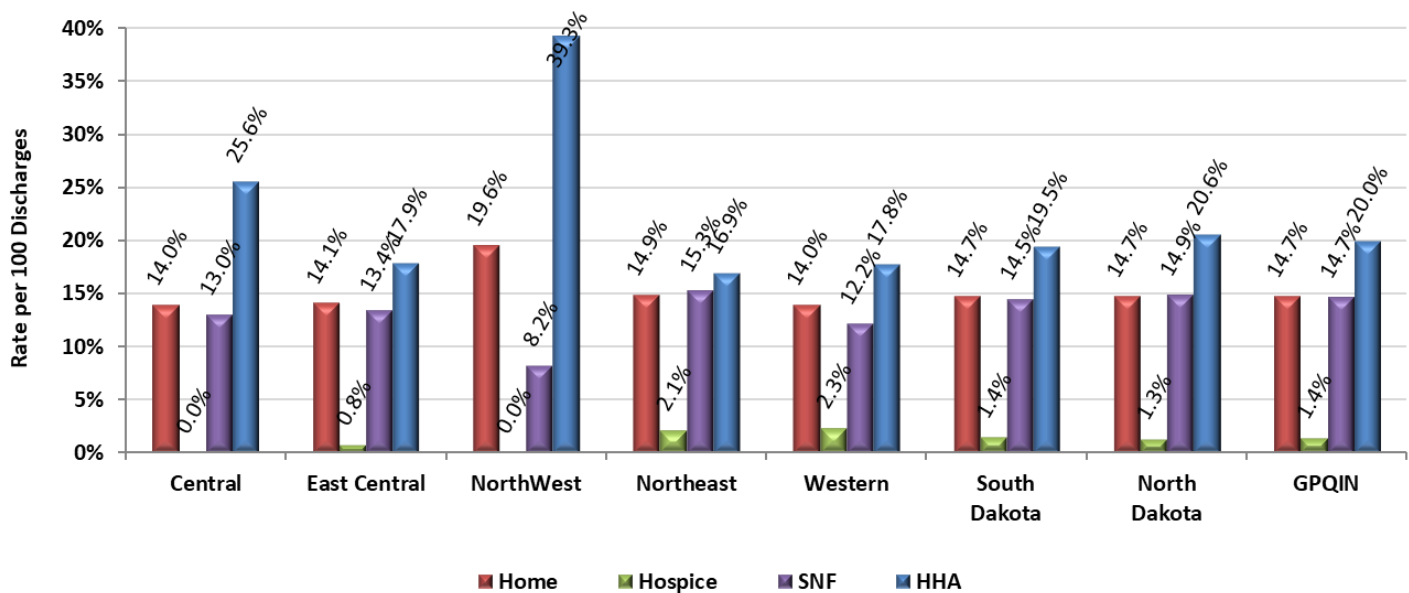
**Hospital Utilization Trends:**



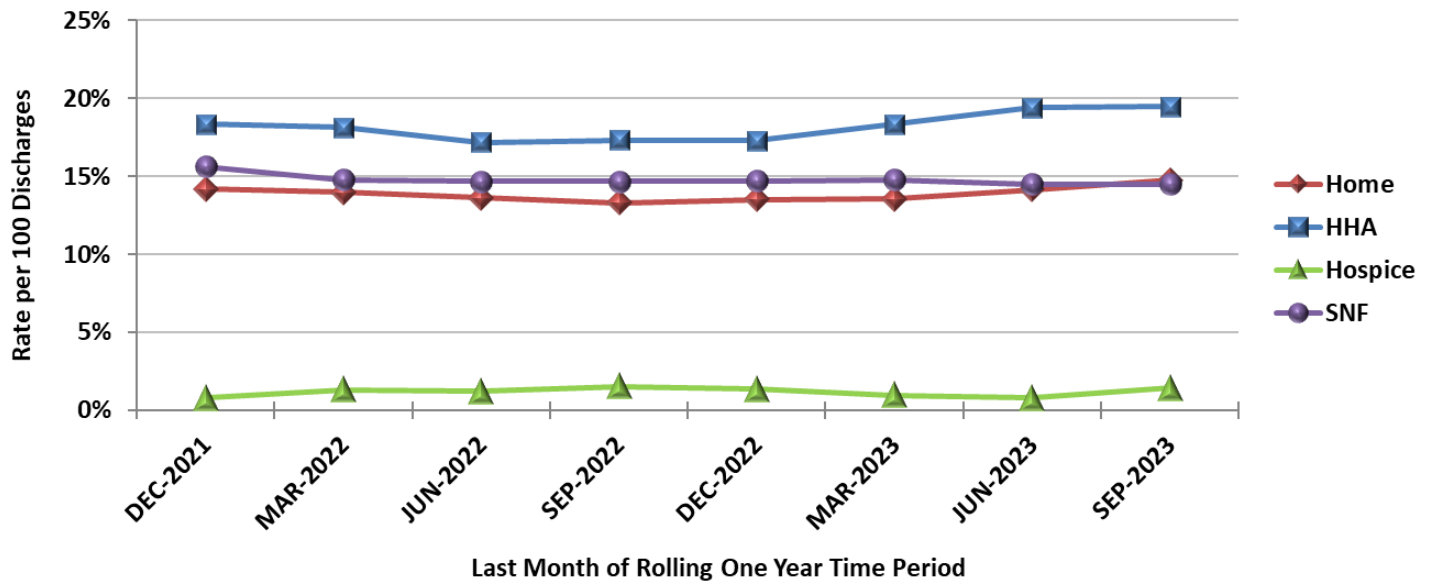
## Discharge Locations: 10/01/2022 - 09/30/2023



## Readmission Rates among Discharge Locations: 10/01/2022 - 09/30/2023



## Readmission Rates by Discharge Location: South Dakota



### Top 5 Admission DRG Bundles: 10/01/2022 - 09/30/2023

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 |
|--------------|--|-----------------------|----------------------|---------------------------------|
| Central      | SEPTICEMIA OR SEVERE SEPSIS                                | 146                   | 1,915                | 7.62%                           |
|              | SIMPLE PNEUMONIA & PLEURISY                                | 102                   | 1,915                | 5.33%                           |
|              | HEART FAILURE & SHOCK                                      | 86                    | 1,915                | 4.49%                           |
|              | MAJOR JOINT REPLACEMENT OR REATTACHMENT OF LOWER EXTREMITY | 68                    | 1,915                | 3.55%                           |
|              | KIDNEY & URINARY TRACT INFECTIONS                          | 56                    | 1,915                | 2.92%                           |
| East Central | SEPTICEMIA OR SEVERE SEPSIS                                | 341                   | 4,799                | 7.11%                           |
|              | SIMPLE PNEUMONIA & PLEURISY                                | 207                   | 4,799                | 4.31%                           |
|              | HEART FAILURE & SHOCK                                      | 196                   | 4,799                | 4.08%                           |
|              | KIDNEY & URINARY TRACT INFECTIONS                          | 134                   | 4,799                | 2.79%                           |
|              | MAJOR JOINT REPLACEMENT OR REATTACHMENT OF LOWER EXTREMITY | 133                   | 4,799                | 2.77%                           |
| NorthWest    | SEPTICEMIA OR SEVERE SEPSIS                                | 29                    | 440                  | 6.59%                           |
|              | SIMPLE PNEUMONIA & PLEURISY                                | 19                    | 440                  | 4.32%                           |
|              | NUTRITIONAL & MISC METABOLIC DISORDERS                     | 16                    | 440                  | 3.64%                           |
|              | HEART FAILURE & SHOCK                                      | 15                    | 440                  | 3.41%                           |
|              | KIDNEY & URINARY TRACT INFECTIONS                          | 15                    | 440                  | 3.41%                           |
| Northeast    | SEPTICEMIA OR SEVERE SEPSIS                                | 221                   | 2,655                | 8.32%                           |
|              | SIMPLE PNEUMONIA & PLEURISY                                | 135                   | 2,655                | 5.09%                           |
|              | ACUTE MYOCARDIAL INFARCTION                                | 103                   | 2,655                | 3.88%                           |
|              | HEART FAILURE & SHOCK                                      | 98                    | 2,655                | 3.69%                           |
|              | MAJOR JOINT REPLACEMENT OR REATTACHMENT OF LOWER EXTREMITY | 93                    | 2,655                | 3.50%                           |
| Western      | SEPTICEMIA OR SEVERE SEPSIS                                | 412                   | 5,299                | 7.78%                           |
|              | MAJOR JOINT REPLACEMENT OR REATTACHMENT OF LOWER EXTREMITY | 249                   | 5,299                | 4.70%                           |
|              | HEART FAILURE & SHOCK                                      | 214                   | 5,299                | 4.04%                           |
|              | SIMPLE PNEUMONIA & PLEURISY                                | 210                   | 5,299                | 3.96%                           |
|              | KIDNEY & URINARY TRACT INFECTIONS                          | 140                   | 5,299                | 2.64%                           |
| South Dakota | SEPTICEMIA OR SEVERE SEPSIS                                | 1,541                 | 21,495               | 7.17%                           |
|              | SIMPLE PNEUMONIA & PLEURISY                                | 895                   | 21,495               | 4.16%                           |
|              | HEART FAILURE & SHOCK                                      | 888                   | 21,495               | 4.13%                           |
|              | MAJOR JOINT REPLACEMENT OR REATTACHMENT OF LOWER EXTREMITY | 678                   | 21,495               | 3.15%                           |
|              | KIDNEY & URINARY TRACT INFECTIONS                          | 596                   | 21,495               | 2.77%                           |
| GPQIN        | SEPTICEMIA OR SEVERE SEPSIS                                | 2,946                 | 38,332               | 7.69%                           |
|              | HEART FAILURE & SHOCK                                      | 1,713                 | 38,332               | 4.47%                           |
|              | SIMPLE PNEUMONIA & PLEURISY                                | 1,620                 | 38,332               | 4.23%                           |
|              | ACUTE MYOCARDIAL INFARCTION                                | 998                   | 38,332               | 2.60%                           |
|              | KIDNEY & URINARY TRACT INFECTIONS                          | 990                   | 38,332               | 2.58%                           |

\* The number of admissions is too small to report.



Top 5 Readmission DRG Bundles: 10/01/2022 - 09/30/2023

| Community    | DRG Bundle Description                             | DRG Bundle 30-Day Readmissions | Community 30-Day Readmissions | Percent of Community 30-Day Readmissions |
|--------------|--|--------------------------------|-------------------------------|--|
| Central      | SEPTICEMIA OR SEVERE SEPSIS                        | *                              | *                             | 7.58%                                    |
|              | HEART FAILURE & SHOCK                              | *                              | *                             | 6.14%                                    |
|              | SIMPLE PNEUMONIA & PLEURISY                        | *                              | *                             | 5.78%                                    |
|              | RENAL FAILURE                                      | *                              | *                             | 3.97%                                    |
|              | DISORDERS OF LIVER EXCEPT MALIG,CIRR,ALC HEPATITIS | *                              | *                             | 3.25%                                    |
|              | KIDNEY & URINARY TRACT INFECTIONS                  | *                              | *                             | 3.25%                                    |
| East Central | HEART FAILURE & SHOCK                              | 50                             | 678                           | 7.38%                                    |
|              | SEPTICEMIA OR SEVERE SEPSIS                        | 50                             | 678                           | 7.38%                                    |
|              | PSYCHOSES  | 33                             | 678                           | 4.87%                                    |
|              | SIMPLE PNEUMONIA & PLEURISY                        | 31                             | 678                           | 4.57%                                    |
|              | RENAL FAILURE                                      | 26                             | 678                           | 3.84%                                    |
| NorthWest    | KIDNEY & URINARY TRACT INFECTIONS                  | *                              | *                             | 6.52%                                    |
|              | NUTRITIONAL & MISC METABOLIC DISORDERS             | *                              | *                             | 6.52%                                    |
|              | RENAL FAILURE                                      | *                              | *                             | 5.44%                                    |
|              | CELLULITIS   | *                              | *                             | 4.35%                                    |
|              | HEART FAILURE & SHOCK                              | *                              | *                             | 4.35%                                    |
|              | OTHER DIGESTIVE SYSTEM DIAGNOSES                   | *                              | *                             | 4.35%                                    |
| Northeast    | SEPTICEMIA OR SEVERE SEPSIS                        | 30                             | 389                           | 7.71%                                    |
|              | HEART FAILURE & SHOCK                              | 20                             | 389                           | 5.14%                                    |
|              | SIMPLE PNEUMONIA & PLEURISY                        | 17                             | 389                           | 4.37%                                    |
|              | ACUTE MYOCARDIAL INFARCTION                        | 14                             | 389                           | 3.60%                                    |
|              | CHRONIC OBSTRUCTIVE PULMONARY DISEASE              | 12                             | 389                           | 3.09%                                    |
|              | G.I. OBSTRUCTION                                   | 12                             | 389                           | 3.09%                                    |
|              | RENAL FAILURE                                      | 12                             | 389                           | 3.09%                                    |
| Western      | SEPTICEMIA OR SEVERE SEPSIS                        | 59                             | 761                           | 7.75%                                    |
|              | HEART FAILURE & SHOCK                              | 45                             | 761                           | 5.91%                                    |
|              | PULMONARY EDEMA & RESPIRATORY FAILURE              | 23                             | 761                           | 3.02%                                    |
|              | DIABETES   | 22                             | 761                           | 2.89%                                    |
|              | SIMPLE PNEUMONIA & PLEURISY                        | 22                             | 761                           | 2.89%                                    |
| South Dakota | SEPTICEMIA OR SEVERE SEPSIS                        | 233                            | 3,251                         | 7.17%                                    |
|              | HEART FAILURE & SHOCK                              | 192                            | 3,251                         | 5.91%                                    |
|              | SIMPLE PNEUMONIA & PLEURISY                        | 116                            | 3,251                         | 3.57%                                    |
|              | PSYCHOSES  | 101                            | 3,251                         | 3.11%                                    |
|              | RENAL FAILURE                                      | 95                             | 3,251                         | 2.92%                                    |
| GPQIN        | SEPTICEMIA OR SEVERE SEPSIS                        | 437                            | 5,868                         | 7.45%                                    |
|              | HEART FAILURE & SHOCK                              | 346                            | 5,868                         | 5.90%                                    |
|              | SIMPLE PNEUMONIA & PLEURISY                        | 212                            | 5,868                         | 3.61%                                    |
|              | RENAL FAILURE                                      | 175                            | 5,868                         | 2.98%                                    |
|              | ACUTE MYOCARDIAL INFARCTION                        | 167                            | 5,868                         | 2.85%                                    |

\* The number of readmissions is too small to report.



**Top 5 Admission DRG Bundles on Claims Discharged to a Skilled Nursing Facility: 10/01/2022 - 09/30/2023**

| Community    | DRG Bundle Description                                     | DRG Bundle Admissions | Community Admissions | Percent of Community Admissions |
|--------------|--|-----------------------|----------------------|---------------------------------|
| Central      | SEPTICEMIA OR SEVERE SEPSIS                                | 37                    | 431                  | 8.59%                           |
|              | SIMPLE PNEUMONIA & PLEURISY                                | 34                    | 431                  | 7.89%                           |
|              | HEART FAILURE & SHOCK                                      | 29                    | 431                  | 6.73%                           |
|              | KIDNEY & URINARY TRACT INFECTIONS                          | 24                    | 431                  | 5.57%                           |
|              | HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT                  | 17                    | 431                  | 3.94%                           |
| East Central | SEPTICEMIA OR SEVERE SEPSIS                                | 79                    | 1,066                | 7.41%                           |
|              | HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT                  | 60                    | 1,066                | 5.63%                           |
|              | SIMPLE PNEUMONIA & PLEURISY                                | 60                    | 1,066                | 5.63%                           |
|              | KIDNEY & URINARY TRACT INFECTIONS                          | 53                    | 1,066                | 4.97%                           |
|              | INTRACRANIAL HEMORRHAGE OR CEREBRAL INFARCTION             | 41                    | 1,066                | 3.85%                           |
| NorthWest    | HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT                  | *                     | *                    | 12.07%                          |
|              | SEPTICEMIA OR SEVERE SEPSIS                                | *                     | *                    | 6.90%                           |
|              | INTRACRANIAL HEMORRHAGE OR CEREBRAL INFARCTION             | *                     | *                    | 5.17%                           |
|              | KIDNEY & URINARY TRACT INFECTIONS                          | *                     | *                    | 5.17%                           |
|              | SIGNS & SYMPTOMS   | *                     | *                    | 5.17%                           |
| Northeast    | SEPTICEMIA OR SEVERE SEPSIS                                | 62                    | 632                  | 9.81%                           |
|              | SIMPLE PNEUMONIA & PLEURISY                                | 37                    | 632                  | 5.85%                           |
|              | HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT                  | 36                    | 632                  | 5.70%                           |
|              | KIDNEY & URINARY TRACT INFECTIONS                          | 23                    | 632                  | 3.64%                           |
|              | ACUTE MYOCARDIAL INFARCTION                                | 22                    | 632                  | 3.48%                           |
|              | NUTRITIONAL & MISC METABOLIC DISORDERS                     | 22                    | 632                  | 3.48%                           |
| Western      | SEPTICEMIA OR SEVERE SEPSIS                                | 79                    | 863                  | 9.15%                           |
|              | KIDNEY & URINARY TRACT INFECTIONS                          | 49                    | 863                  | 5.68%                           |
|              | MAJOR JOINT REPLACEMENT OR REATTACHMENT OF LOWER EXTREMITY | 43                    | 863                  | 4.98%                           |
|              | HEART FAILURE & SHOCK                                      | 42                    | 863                  | 4.87%                           |
|              | SIMPLE PNEUMONIA & PLEURISY                                | 38                    | 863                  | 4.40%                           |
| South Dakota | SEPTICEMIA OR SEVERE SEPSIS                                | 361                   | 4,262                | 8.47%                           |
|              | HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT                  | 245                   | 4,262                | 5.75%                           |
|              | SIMPLE PNEUMONIA & PLEURISY                                | 219                   | 4,262                | 5.14%                           |
|              | KIDNEY & URINARY TRACT INFECTIONS                          | 212                   | 4,262                | 4.97%                           |
|              | HEART FAILURE & SHOCK                                      | 172                   | 4,262                | 4.04%                           |
| GPQIN        | SEPTICEMIA OR SEVERE SEPSIS                                | 700                   | 7,642                | 9.16%                           |
|              | HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT                  | 404                   | 7,642                | 5.29%                           |
|              | SIMPLE PNEUMONIA & PLEURISY                                | 388                   | 7,642                | 5.08%                           |
|              | HEART FAILURE & SHOCK                                      | 354                   | 7,642                | 4.63%                           |
|              | KIDNEY & URINARY TRACT INFECTIONS                          | 340                   | 7,642                | 4.45%                           |

\* 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:**

10/01/2022 - 09/30/2023

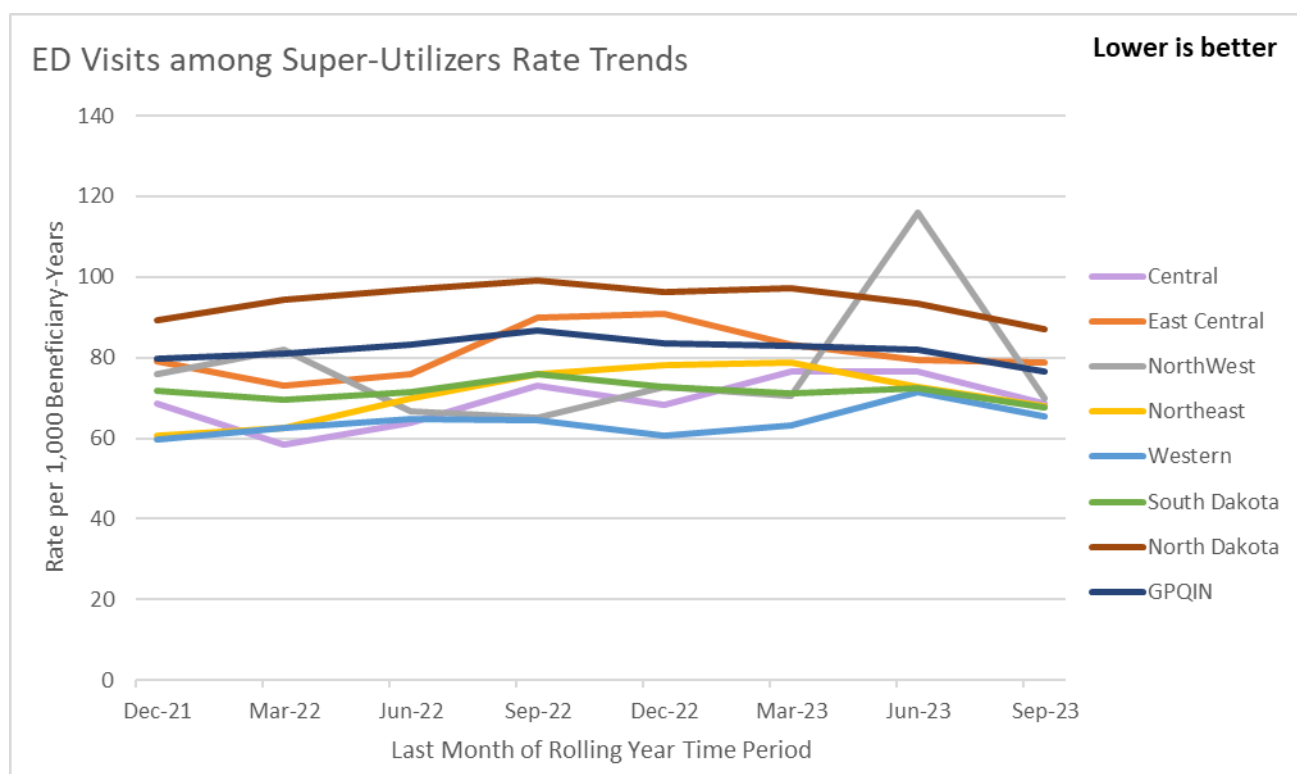
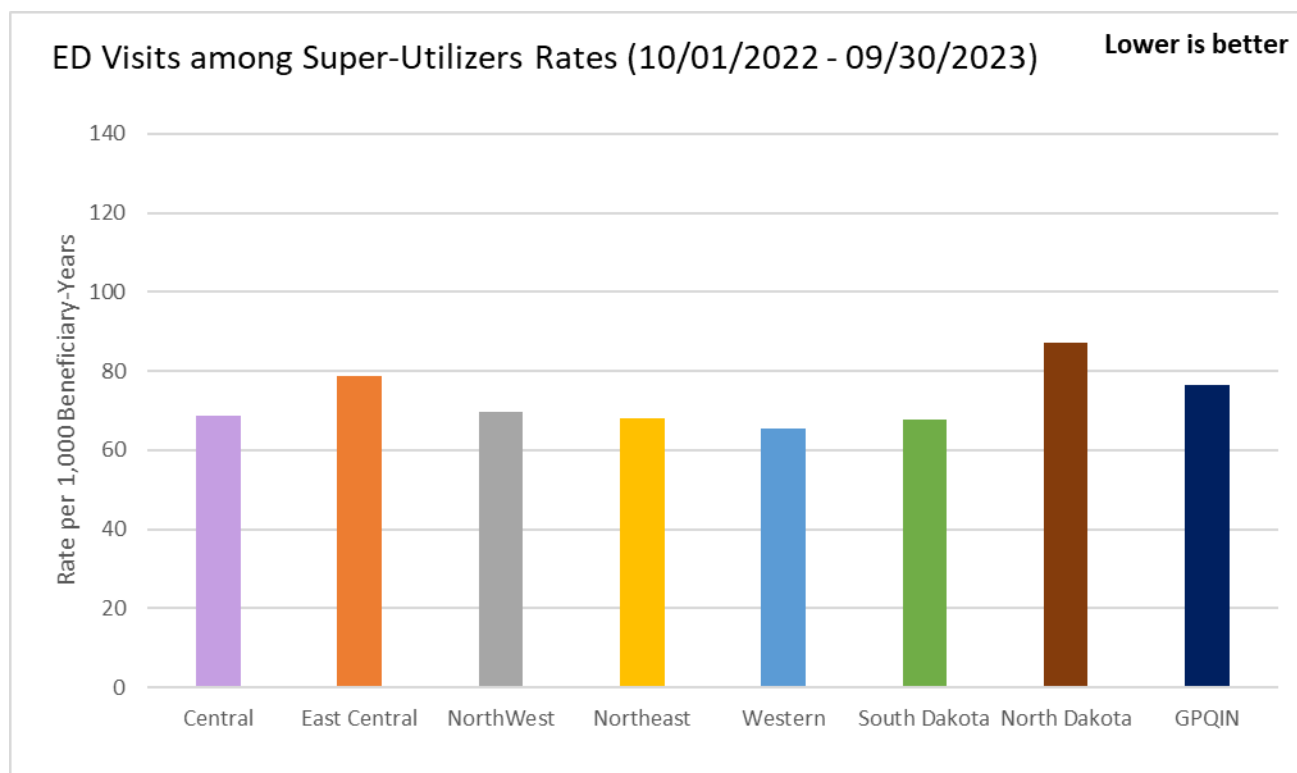
\*\*\*See first paragraph on page 2 for definition of Index Discharge

| Community    | DRG Bundle Description                                  | DRG Bundle<br>30-Day<br>Readmissions | Community<br>30-Day<br>Readmissions | Percent of<br>Community<br>30-Day<br>Readmissions |
|--------------|---|--------------------------------------|-------------------------------------|---|
| Central      | HEART FAILURE & SHOCK                                   | *                                    | *                                   | 15.79%  |
|              | KIDNEY & URINARY TRACT INFECTIONS                       | *                                    | *                                   | 8.77%   |
|              | SEPTICEMIA OR SEVERE SEPSIS                             | *                                    | *                                   | 7.02%   |
|              | INFECTIOUS & PARASITIC DISEASES W O.R. PROCEDURE        | *                                    | *                                   | 5.26%   |
|              | G.I. HEMORRHAGE   | *                                    | *                                   | 3.51%   |
|              | HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT               | *                                    | *                                   | 3.51%   |
|              | MEDICAL BACK PROBLEMS                                   | *                                    | *                                   | 3.51%   |
|              | OTHER KIDNEY & URINARY TRACT PROCEDURES                 | *                                    | *                                   | 3.51%   |
|              | SIGNS & SYMPTOMS  | *                                    | *                                   | 3.51%   |
|              | SIMPLE PNEUMONIA & PLEURISY                             | *                                    | *                                   | 3.51%   |
| East Central | SEPTICEMIA OR SEVERE SEPSIS                             | *                                    | *                                   | 12.41%  |
|              | SIMPLE PNEUMONIA & PLEURISY                             | *                                    | *                                   | 7.59%   |
|              | HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT               | *                                    | *                                   | 6.90%   |
|              | RENAL FAILURE   | *                                    | *                                   | 5.52%   |
|              | HEART FAILURE & SHOCK                                   | *                                    | *                                   | 4.83%   |
| NorthWest    | INFECTIOUS & PARASITIC DISEASES W O.R. PROCEDURE        | *                                    | *                                   | 4.83%   |
|              | CRANIAL & PERIPHERAL NERVE DISORDERS                    | *                                    | *                                   | **  |
|              | INFECTIOUS & PARASITIC DISEASES W O.R. PROCEDURE        | *                                    | *                                   | **  |
|              | KIDNEY & URINARY TRACT INFECTIONS                       | *                                    | *                                   | **  |
|              | OTHER MUSCULOSKELETAL SYS & CONNECTIVE TISSUE DIAGNOSES | *                                    | *                                   | **  |
| Northeast    | SIGNS & SYMPTOMS  | *                                    | *                                   | **  |
|              | SEPTICEMIA OR SEVERE SEPSIS                             | *                                    | *                                   | 9.09%   |
|              | HEART FAILURE & SHOCK                                   | *                                    | *                                   | 6.06%   |
|              | HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT               | *                                    | *                                   | 6.06%   |
|              | HIP REPLACEMENT, PDX HIP FRACTURE                       | *                                    | *                                   | 5.05%   |
| Western      | NUTRITIONAL & MISC METABOLIC DISORDERS                  | *                                    | *                                   | 5.05%   |
|              | SEPTICEMIA OR SEVERE SEPSIS                             | *                                    | *                                   | 12.04%  |
|              | KIDNEY & URINARY TRACT INFECTIONS                       | *                                    | *                                   | 8.33%   |
|              | HEART FAILURE & SHOCK                                   | *                                    | *                                   | 4.63%   |
|              | ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS          | *                                    | *                                   | 3.70%   |
|              | HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT               | *                                    | *                                   | 3.70%   |
|              | HIP REPLACEMENT, PDX HIP FRACTURE                       | *                                    | *                                   | 3.70%   |
| South Dakota | OTHER KIDNEY & URINARY TRACT DIAGNOSES                  | *                                    | *                                   | 3.70%   |
|              | SEPTICEMIA OR SEVERE SEPSIS                             | 65                                   | 630                                 | 10.32%  |
|              | HEART FAILURE & SHOCK                                   | 40                                   | 630                                 | 6.35%   |
|              | HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT               | 35                                   | 630                                 | 5.56%   |
|              | KIDNEY & URINARY TRACT INFECTIONS                       | 33                                   | 630                                 | 5.24%   |
| GPQIN        | SIMPLE PNEUMONIA & PLEURISY                             | 27                                   | 630                                 | 4.29%   |
|              | SEPTICEMIA OR SEVERE SEPSIS                             | 126                                  | 1,143                               | 11.02%  |
|              | HEART FAILURE & SHOCK                                   | 70                                   | 1,143                               | 6.12%   |
|              | HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT               | 50                                   | 1,143                               | 4.37%   |
|              | KIDNEY & URINARY TRACT INFECTIONS                       | 50                                   | 1,143                               | 4.37%   |
|              | SIMPLE PNEUMONIA & PLEURISY                             | 46                                   | 1,143                               | 4.02%   |

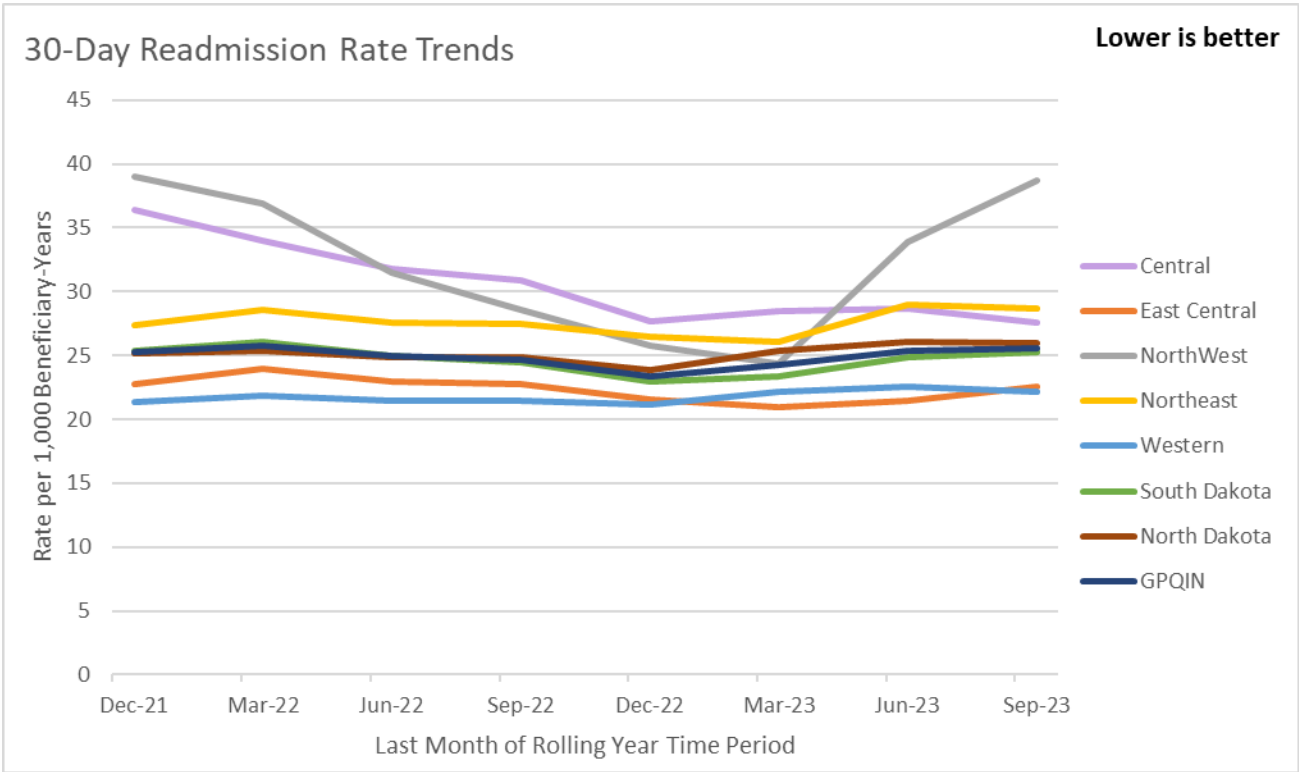
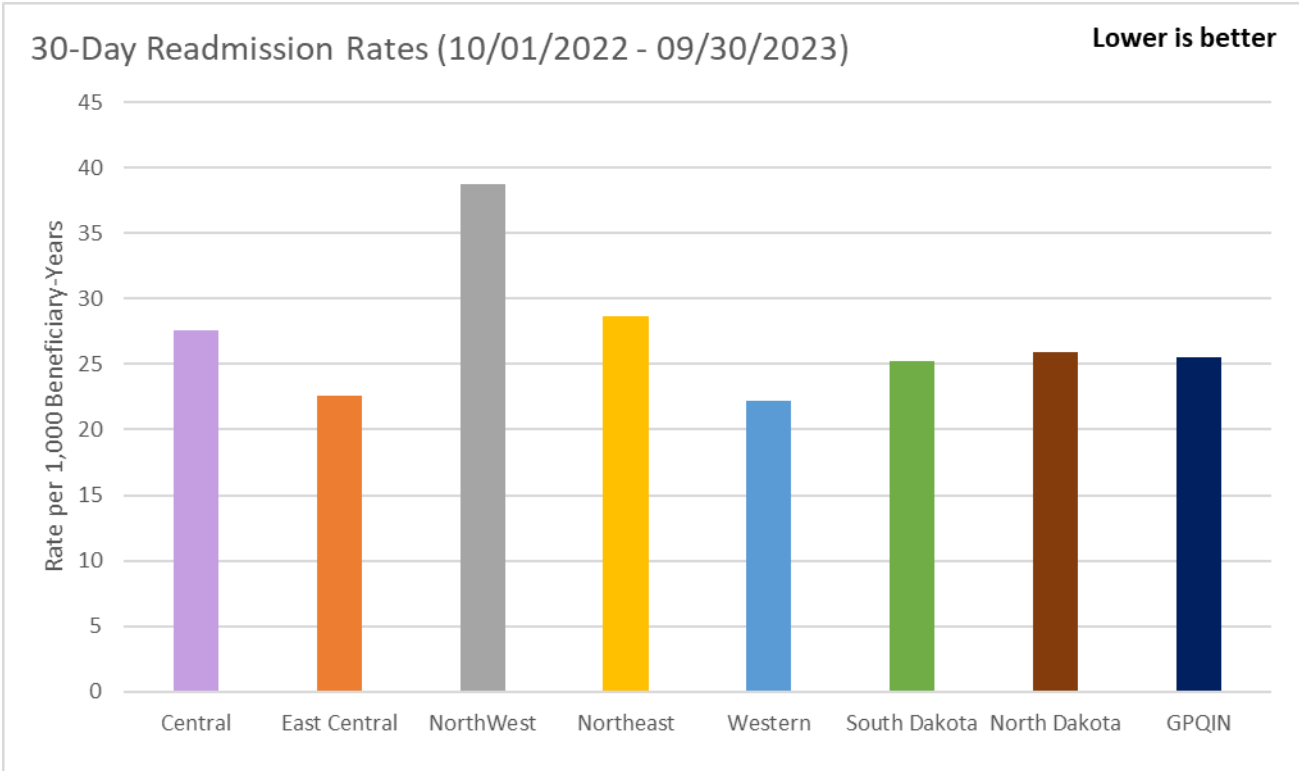
\* The number of readmissions is too small to report.

\*\* 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

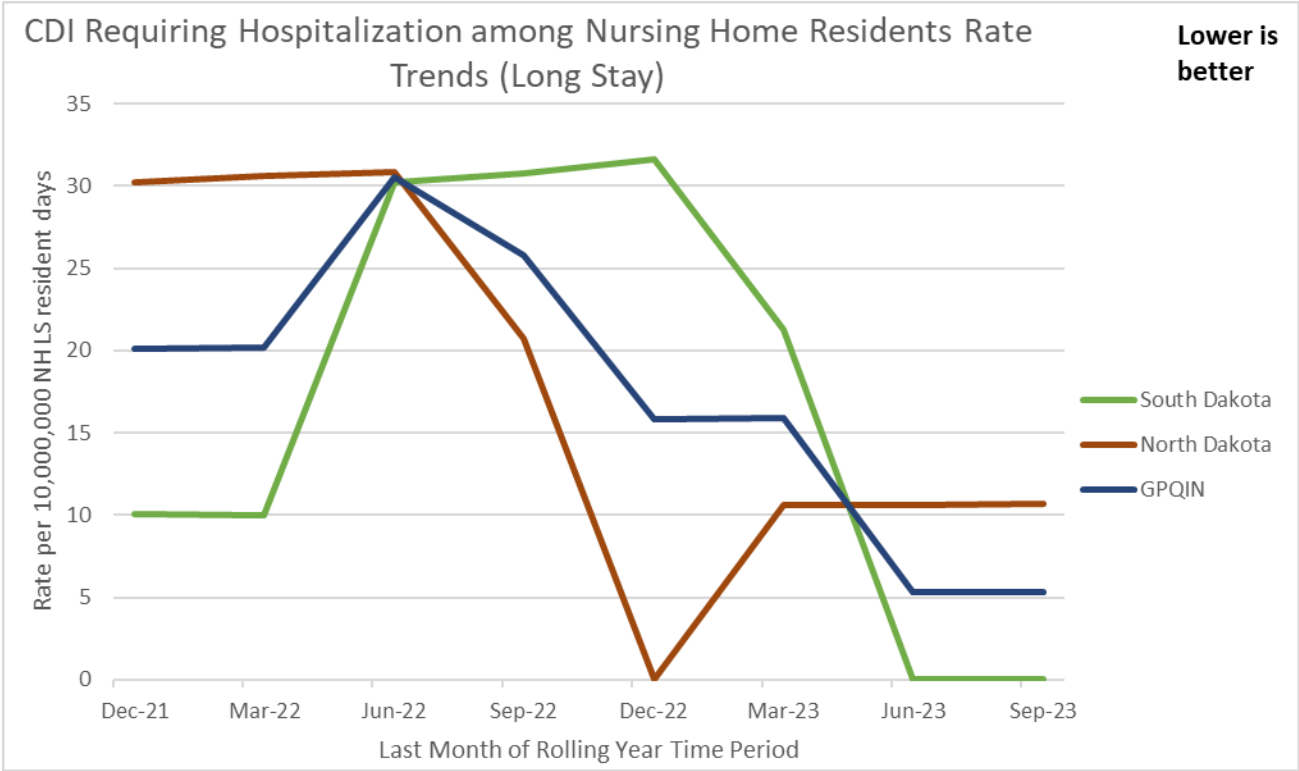
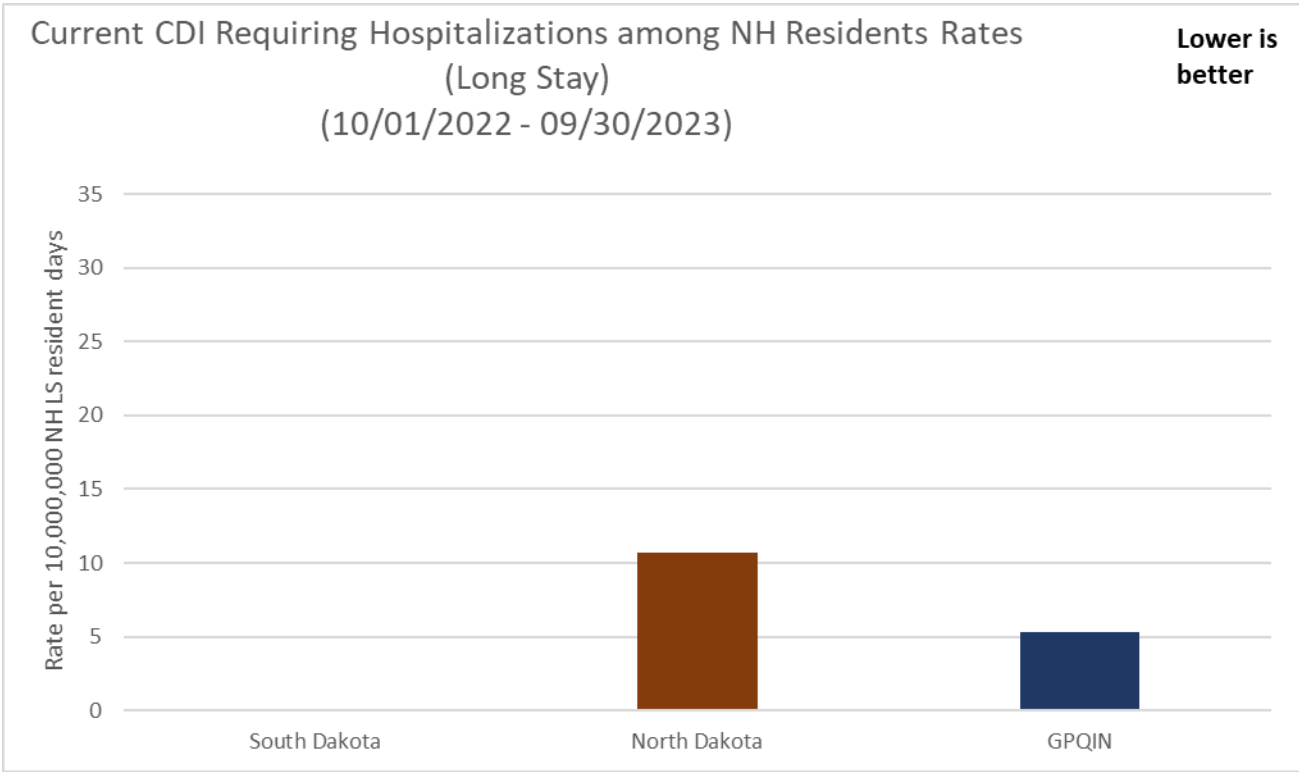
### Data Overview and Definitions

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.

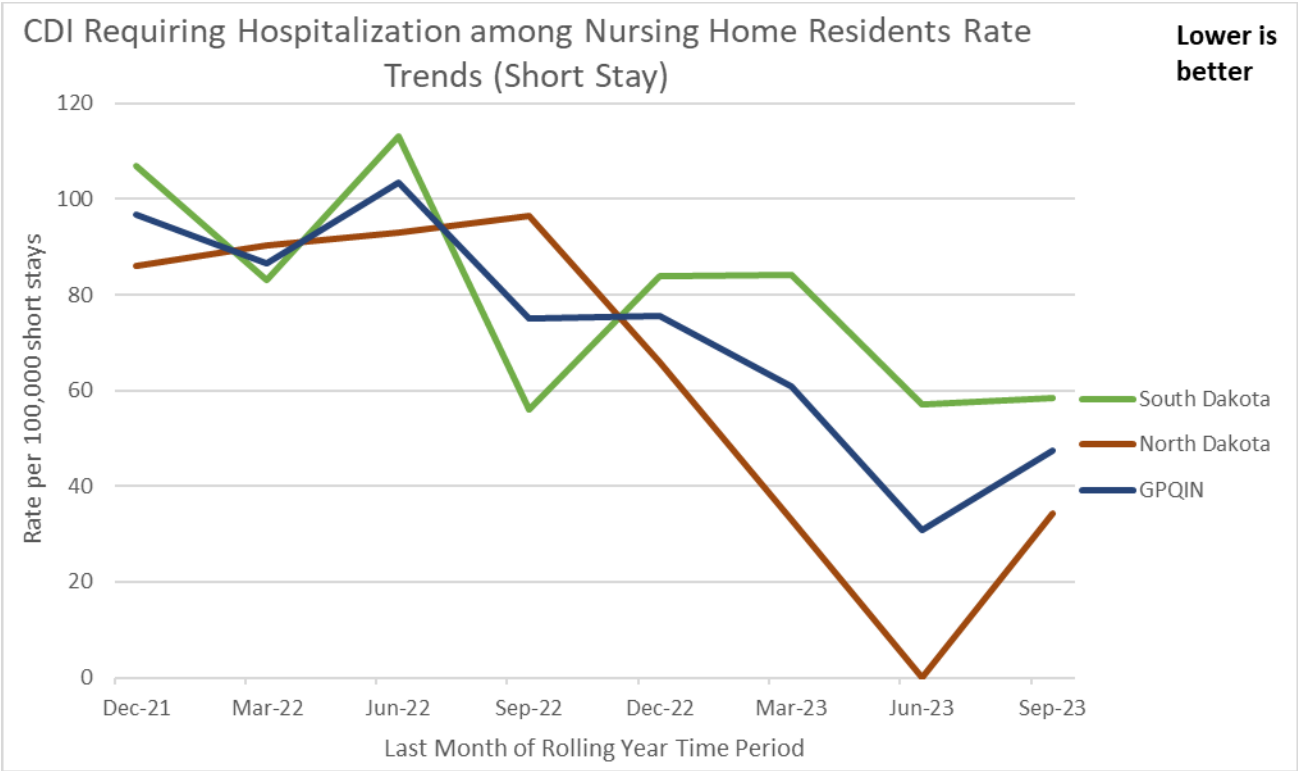
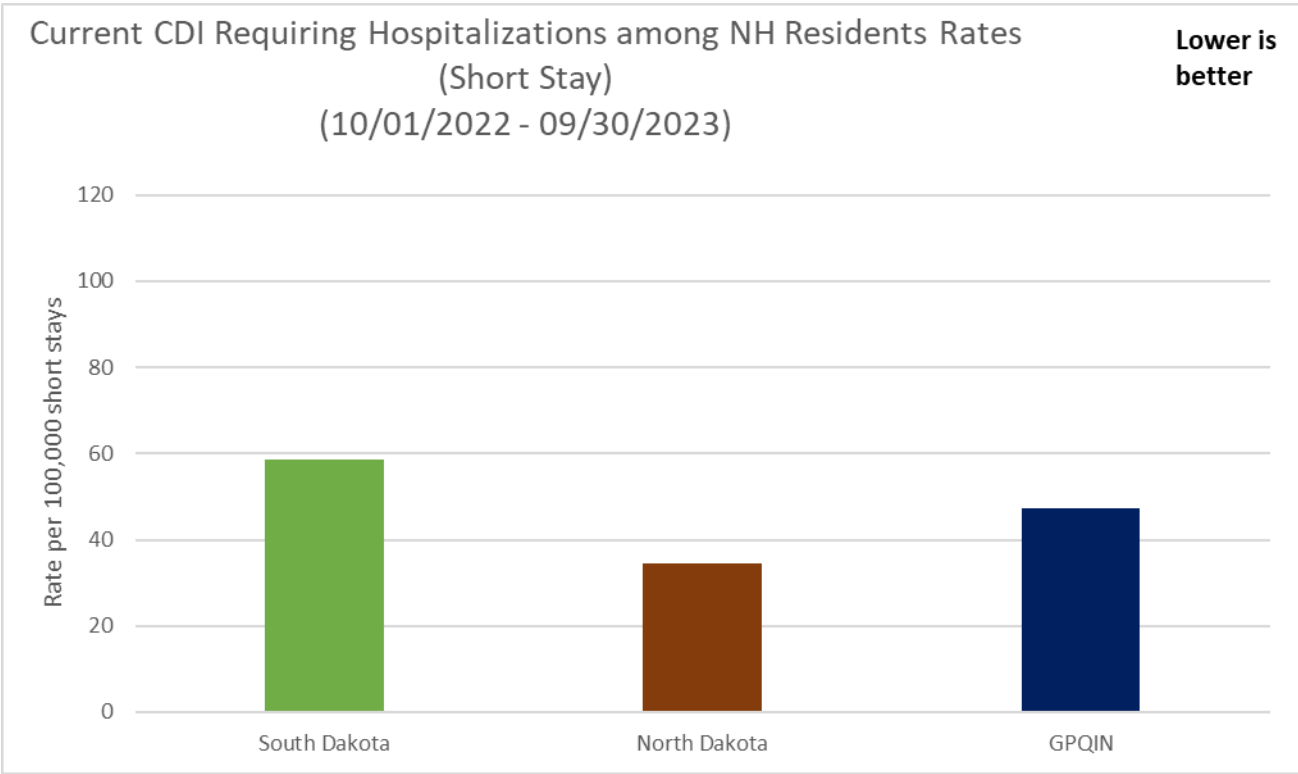
Measures included are:

- **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.

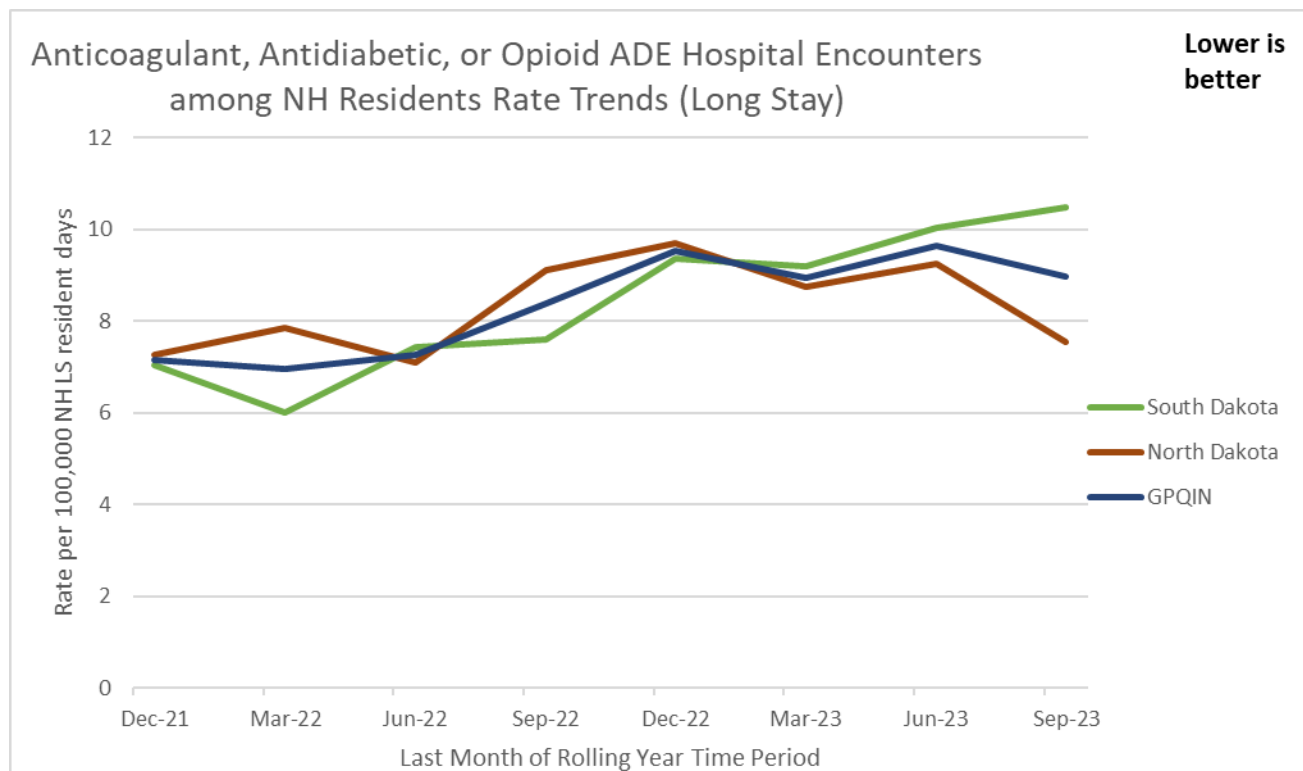
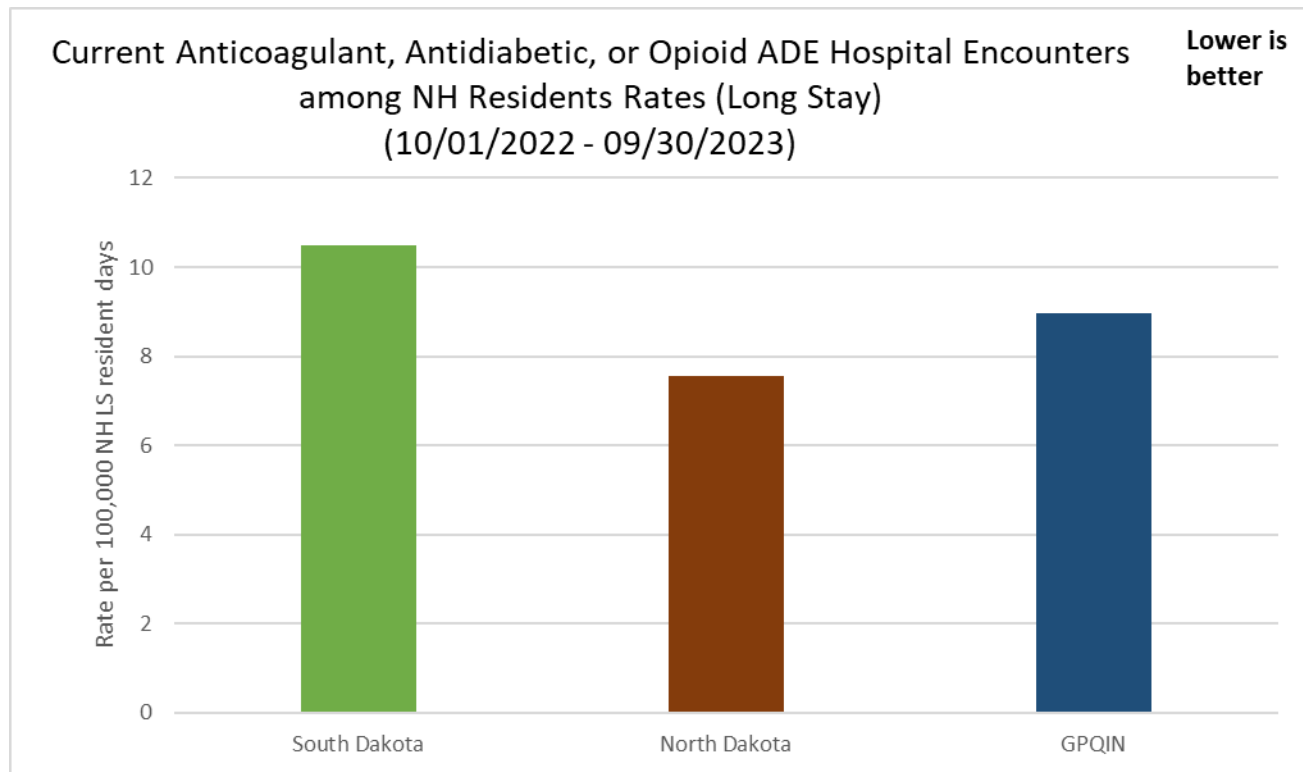


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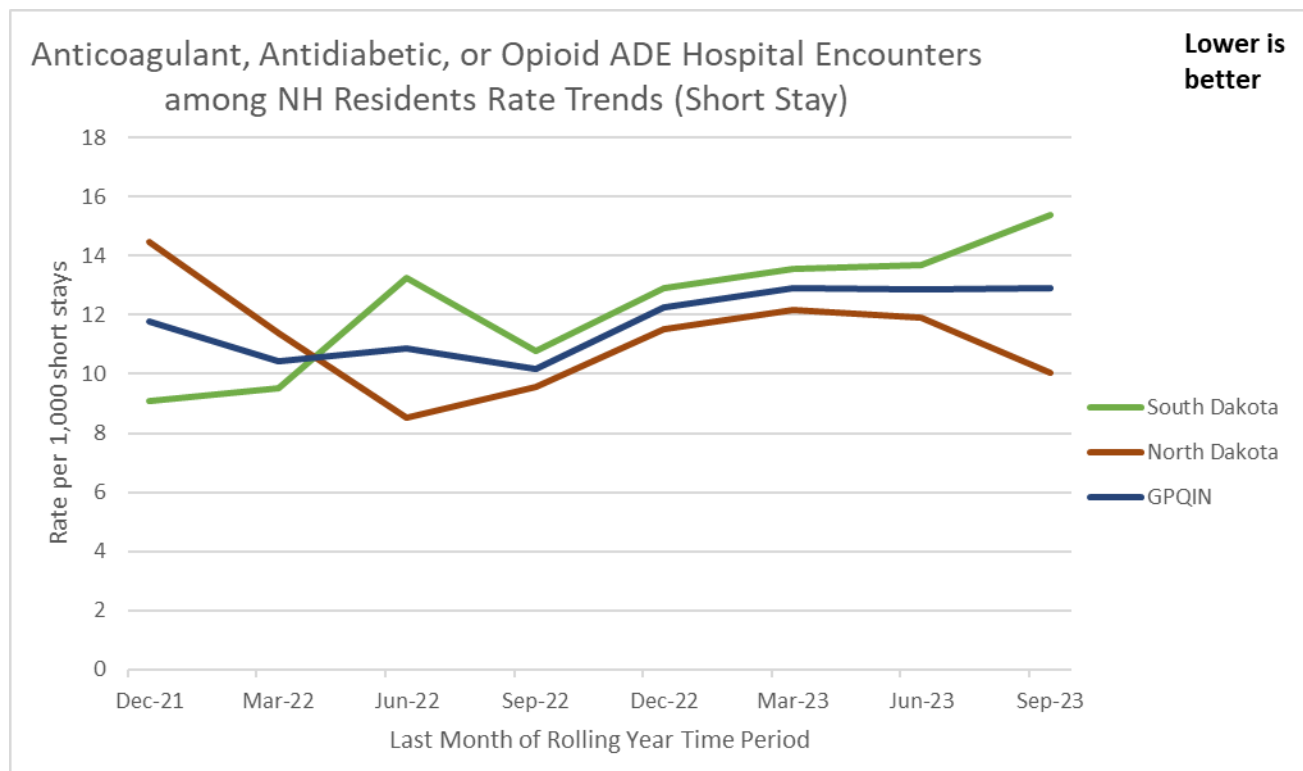
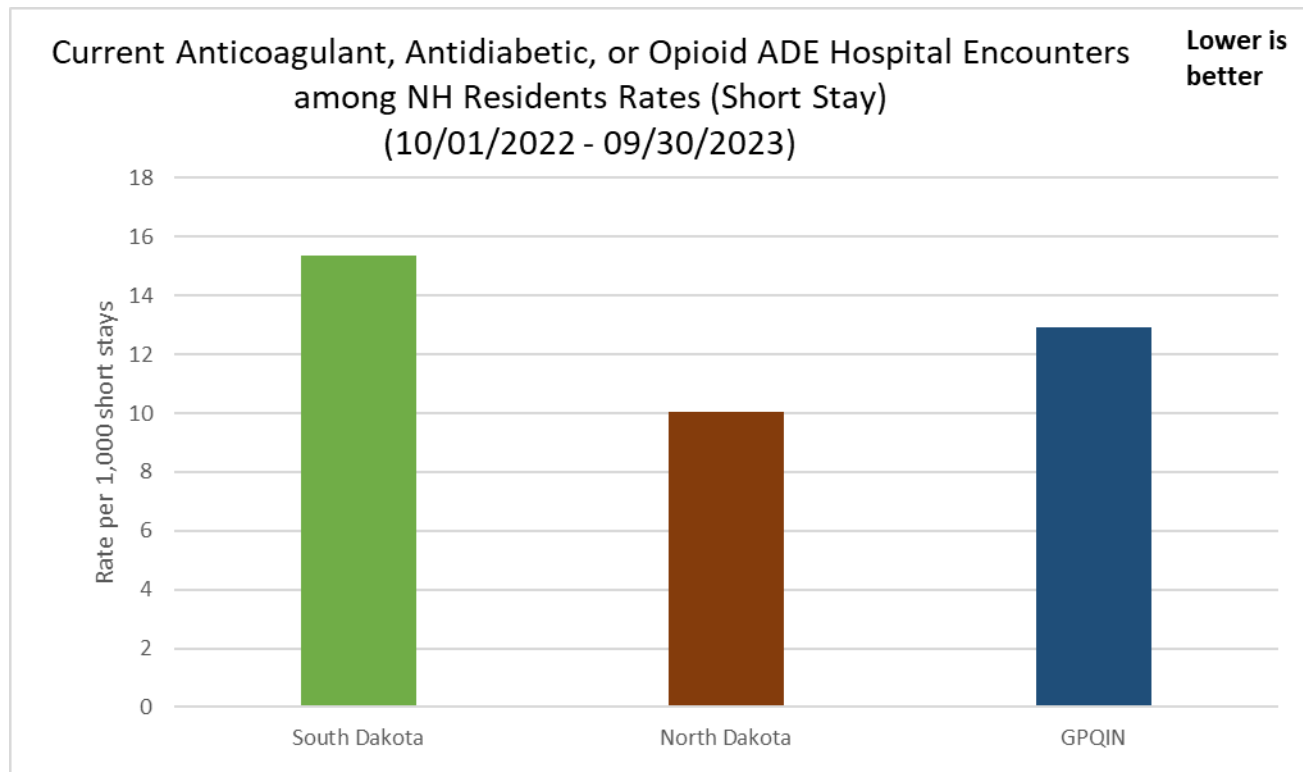




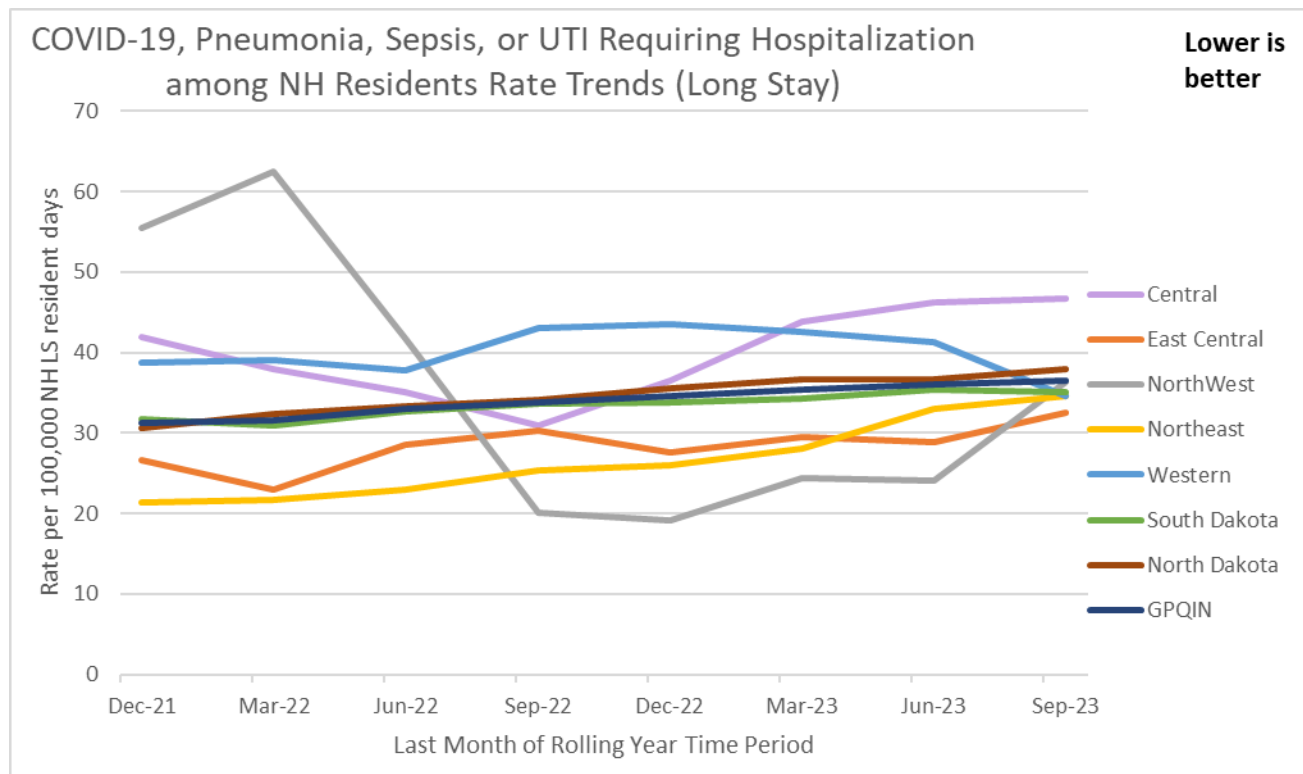
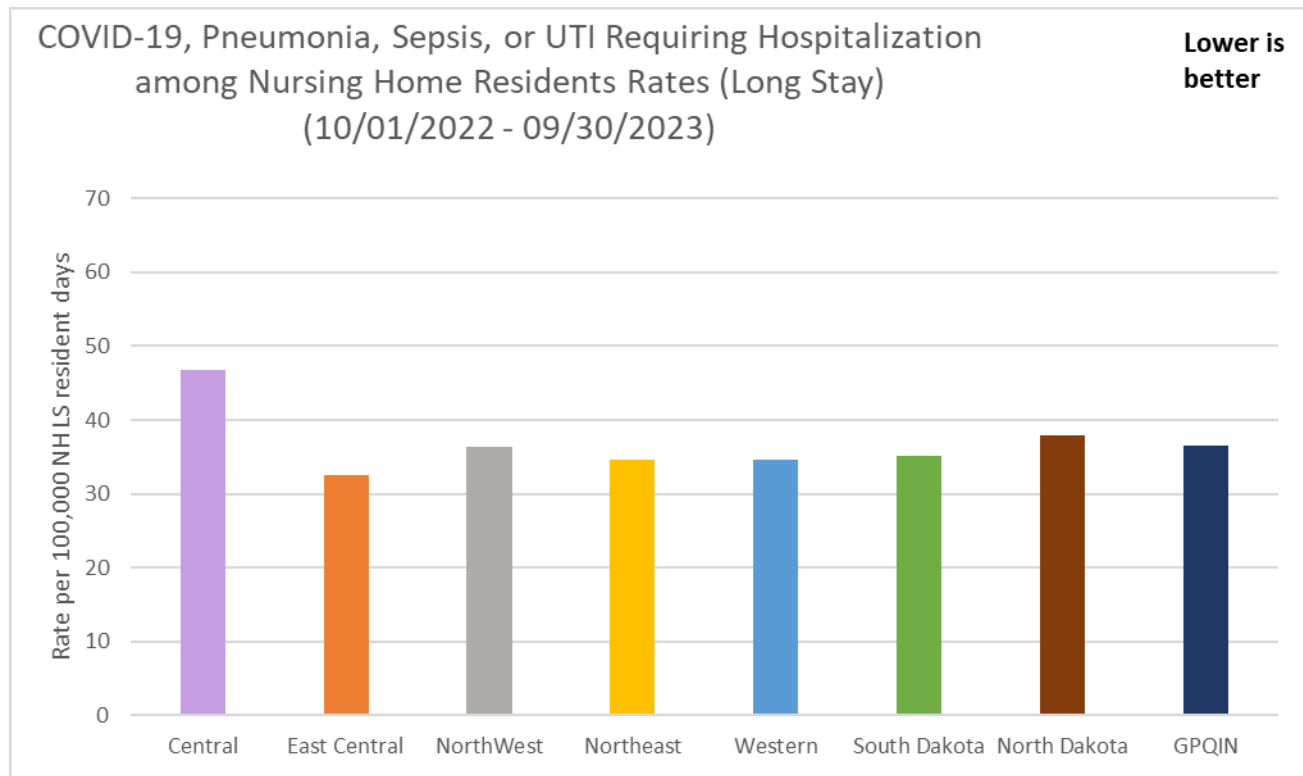
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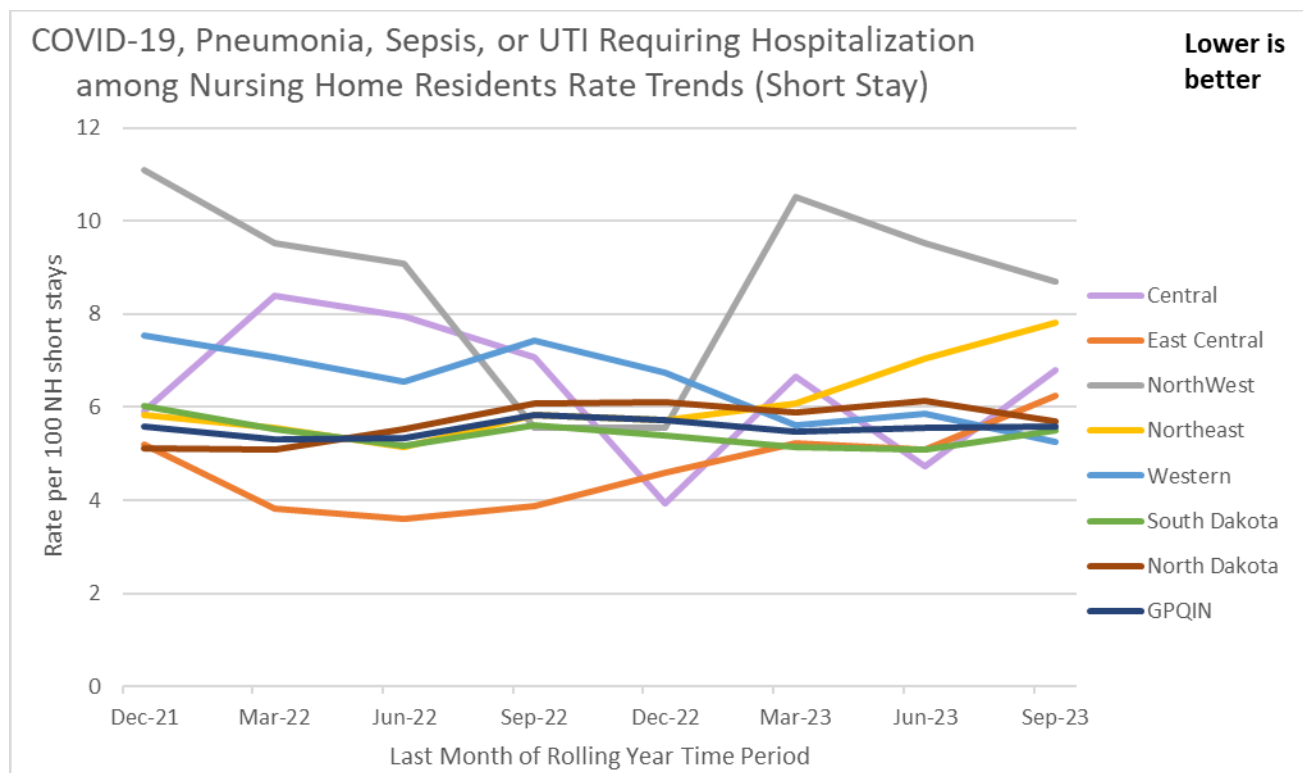
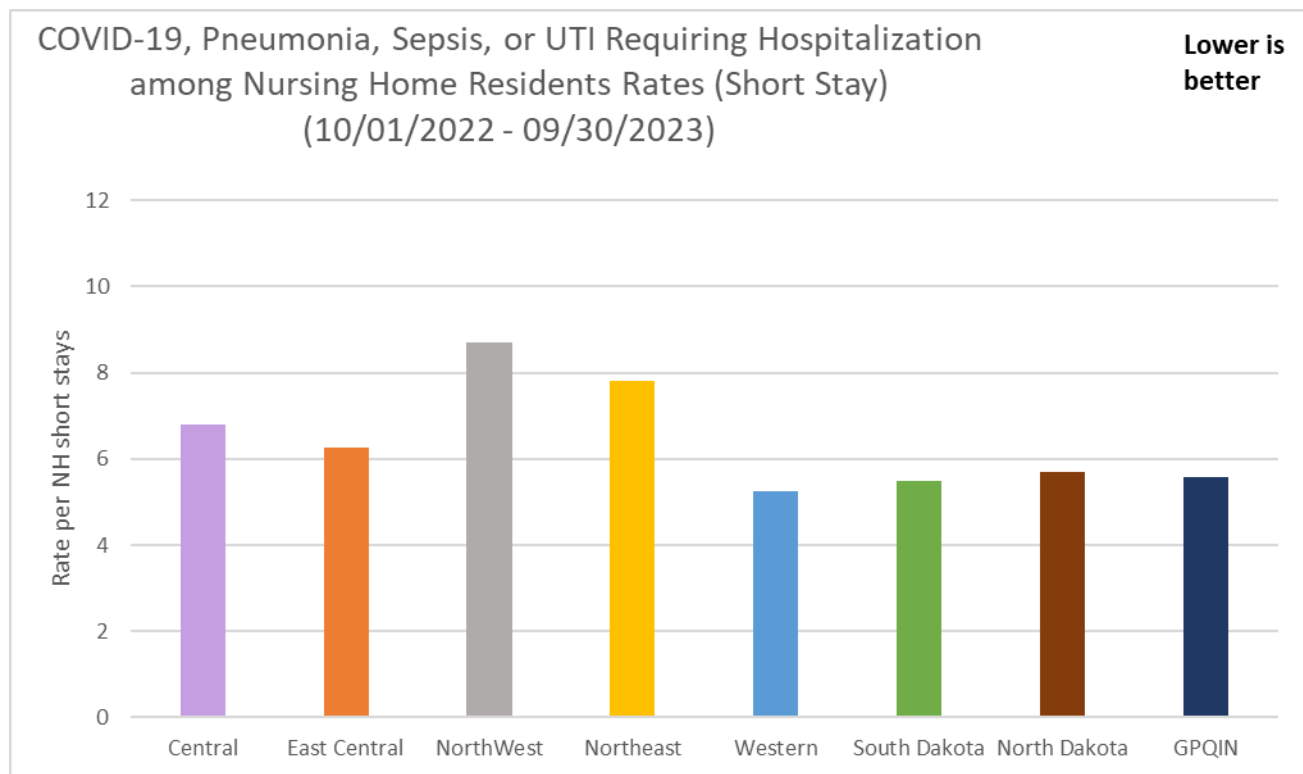
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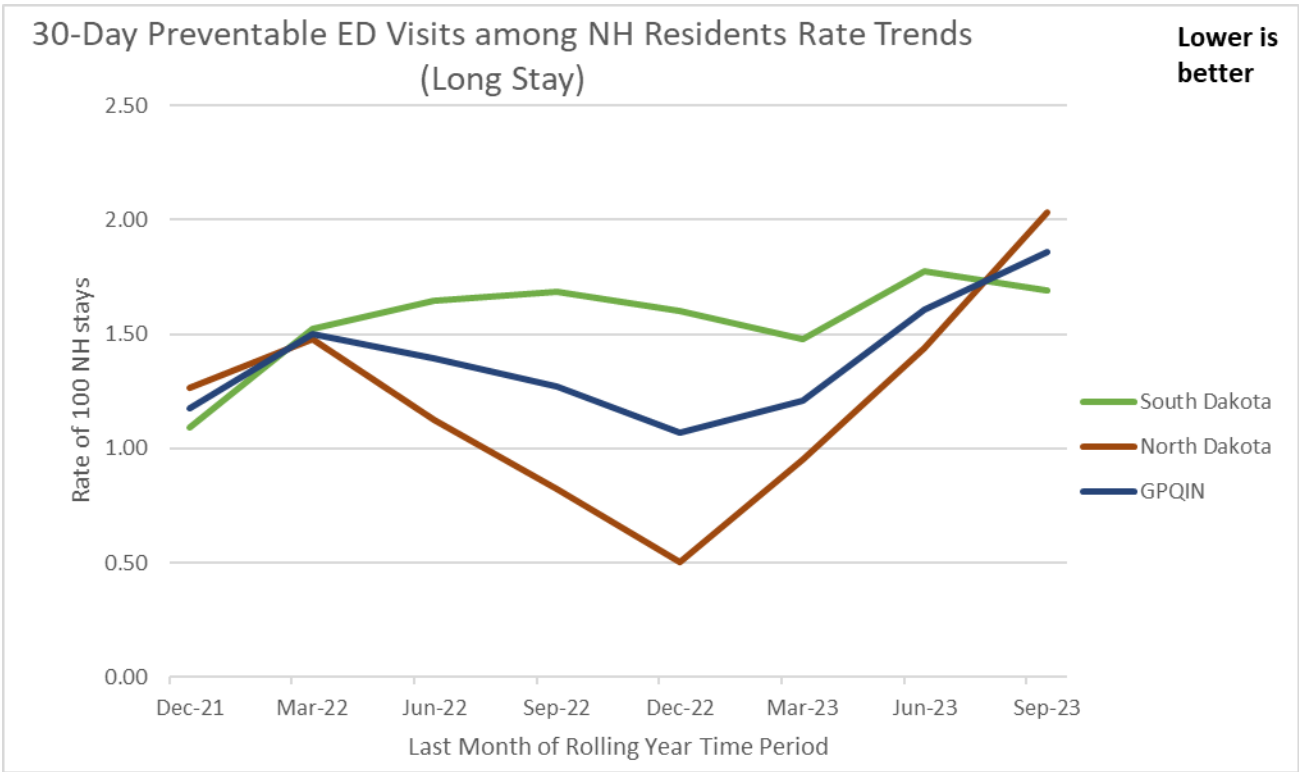
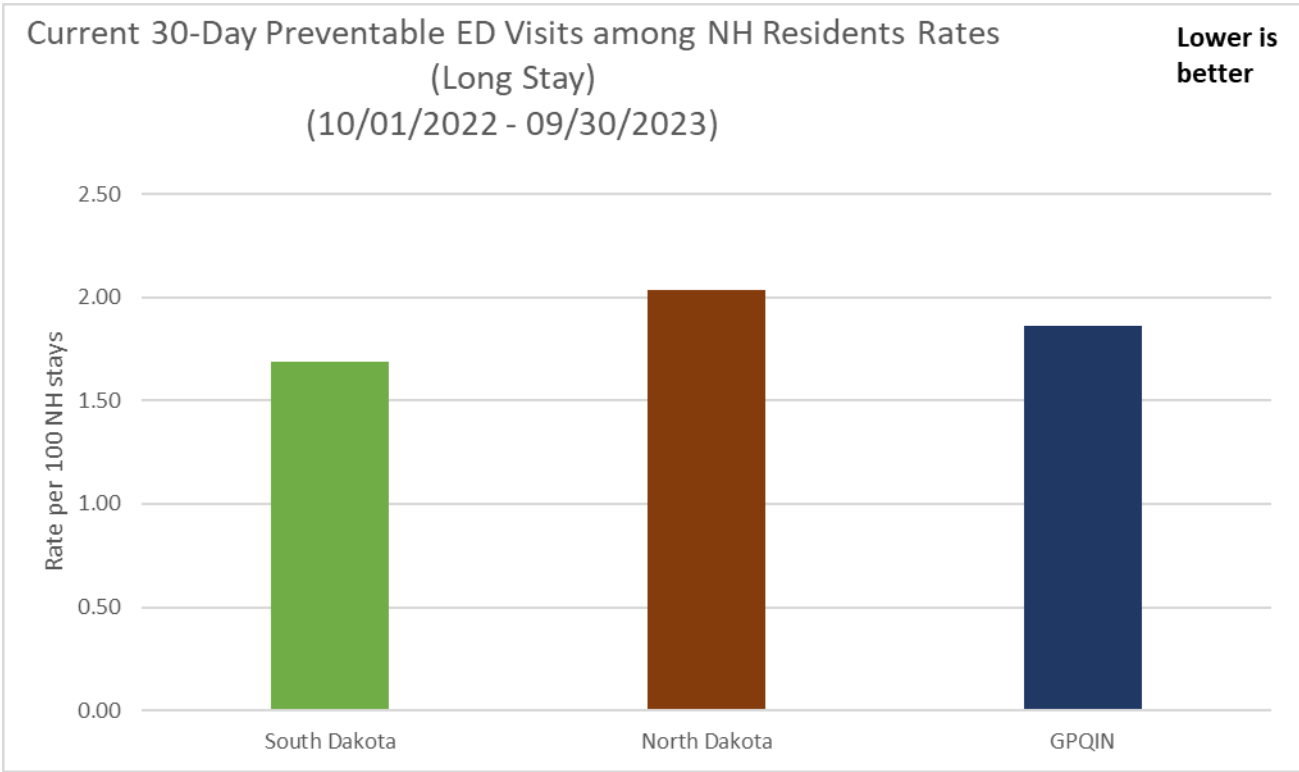
**COVID-19, Pneumonia, Sepsis, or UTI Requiring Hospitalization (Long Stay):** Rate of inpatient admission due to COVID-19, pneumonia, sepsis, or UTI per 100,000 nursing home long-stay resident days among Medicare Fee-for-Service beneficiaries.



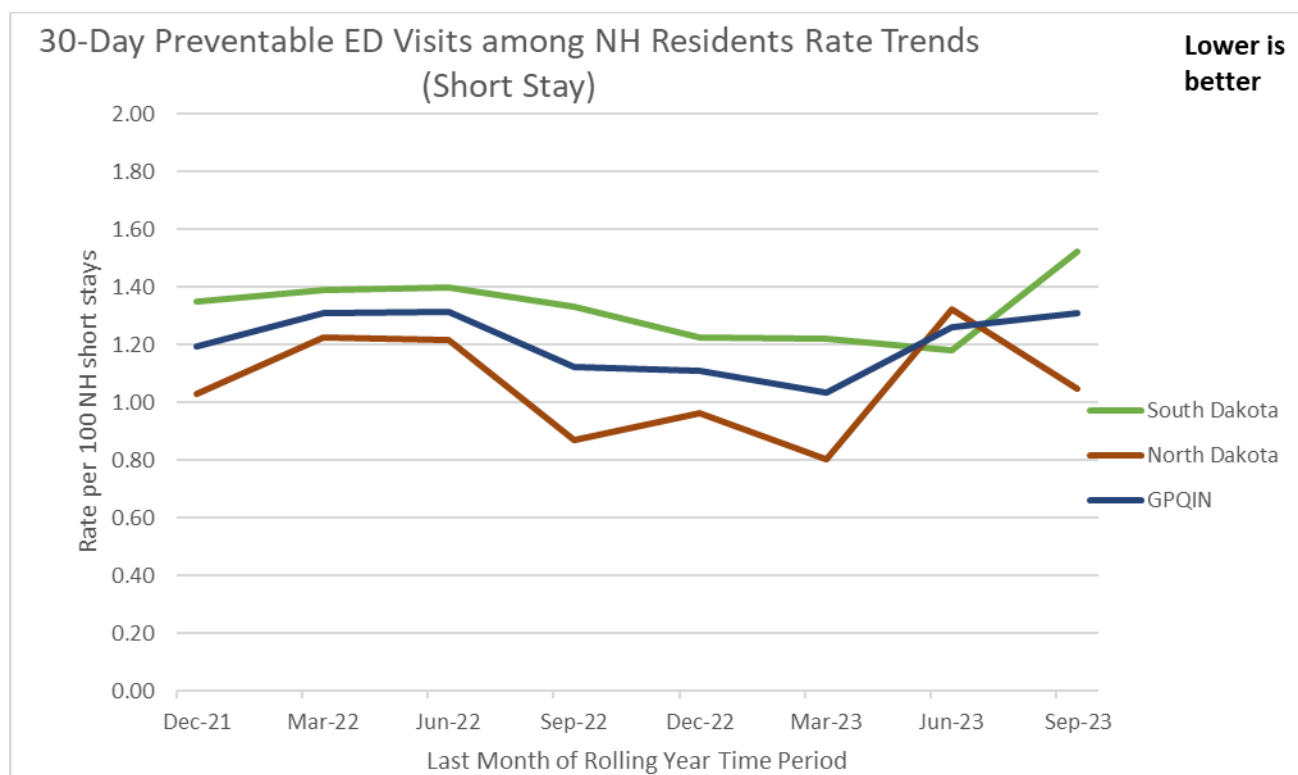
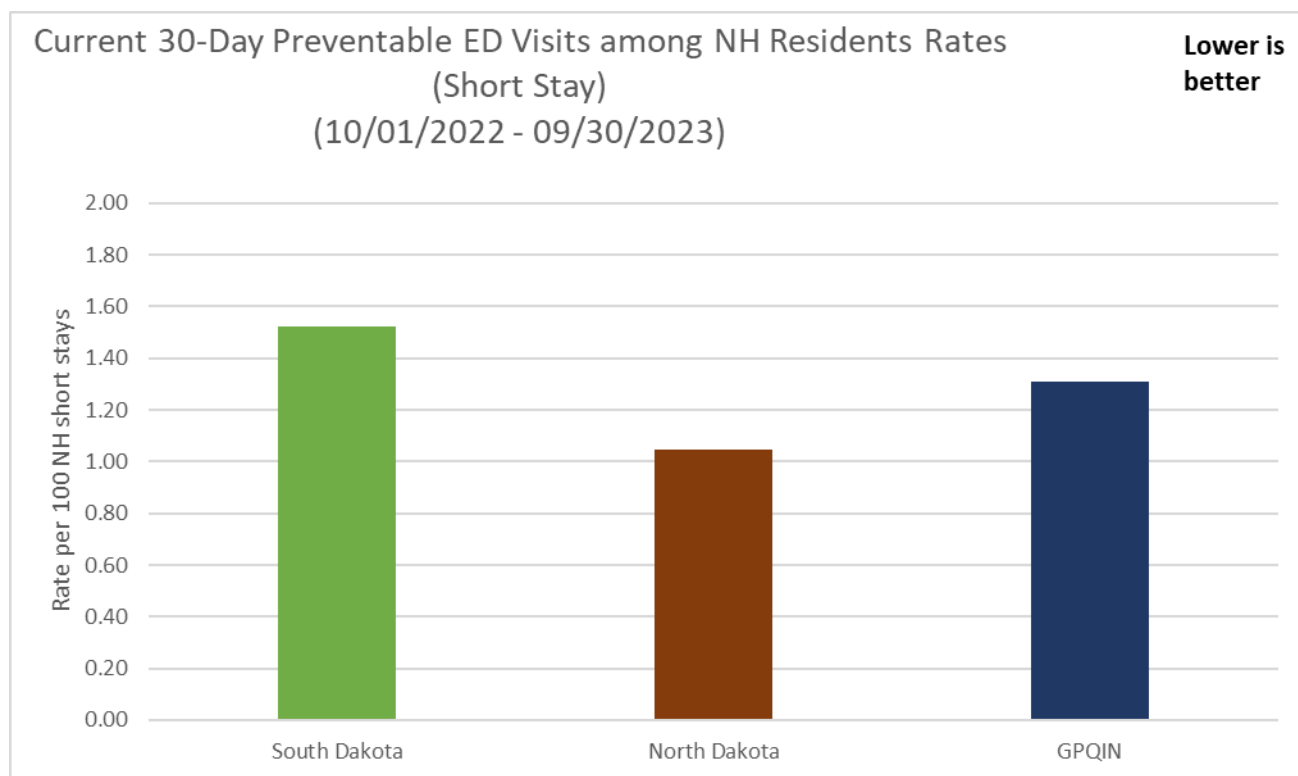
**COVID-19, Pneumonia, Sepsis, or UTI Requiring Hospitalization (Short Stay):** Percentage of nursing home short stays by Medicare Fee-for-Service beneficiaries having an inpatient admission due to COVID-19, pneumonia, sepsis, or UTI.



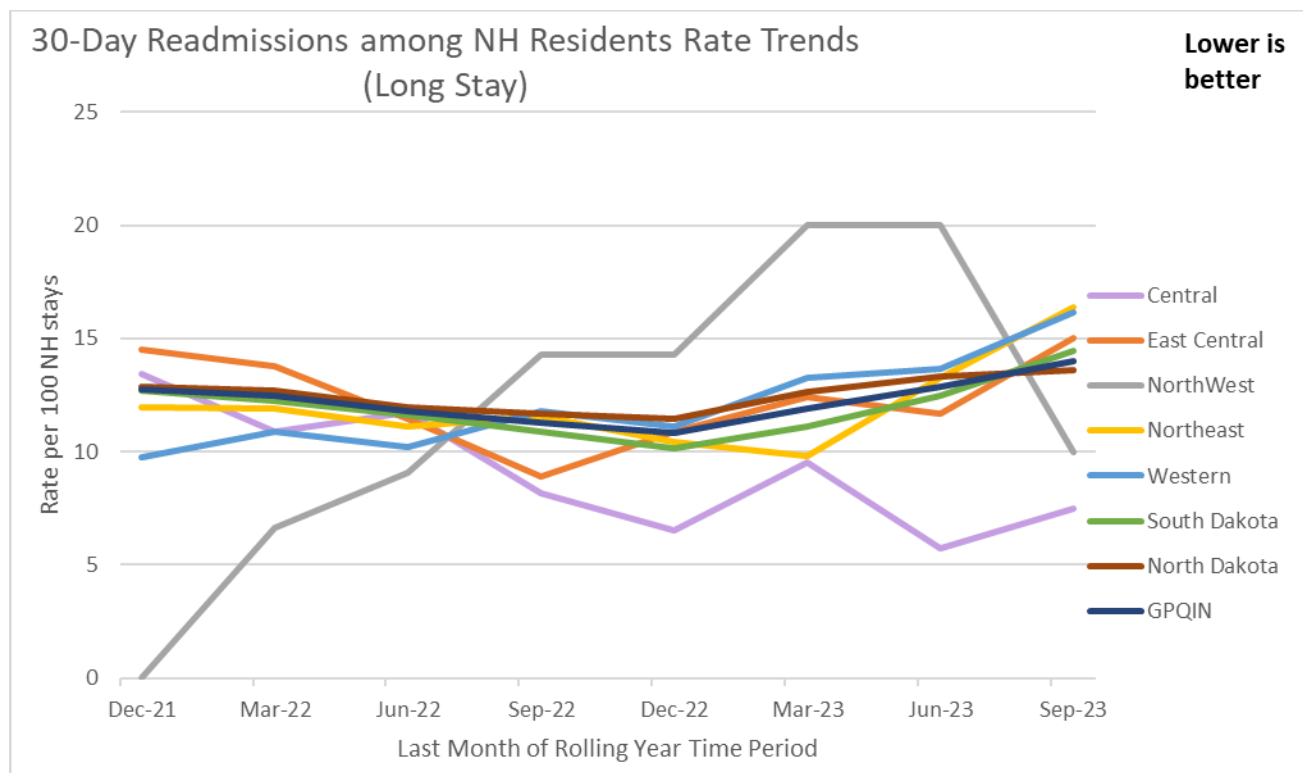
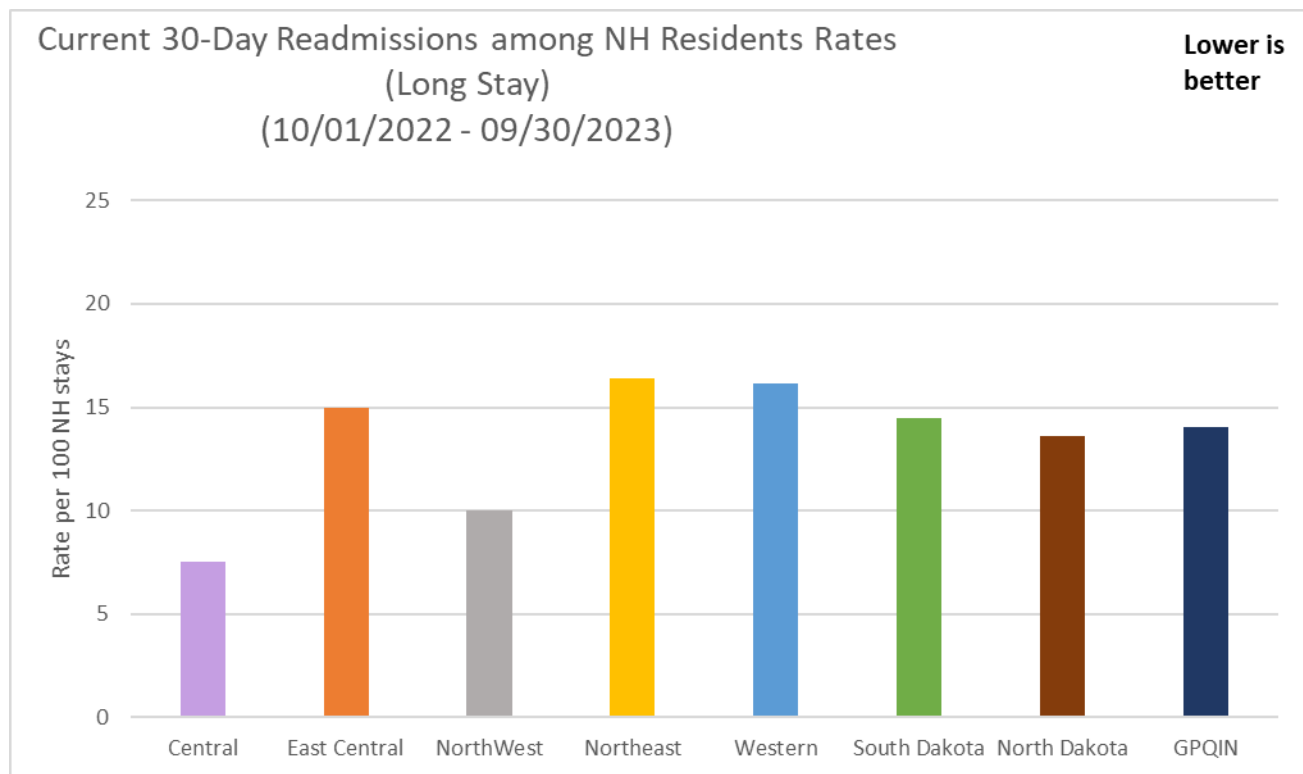
**30-Day Preventable ED Visits (Long Stay):** Percentage of nursing home stays by long-stay residents who are Medicare Fee-for-Service beneficiaries having a potentially preventable emergency department visits within 30 days after an inpatient discharge.



**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.

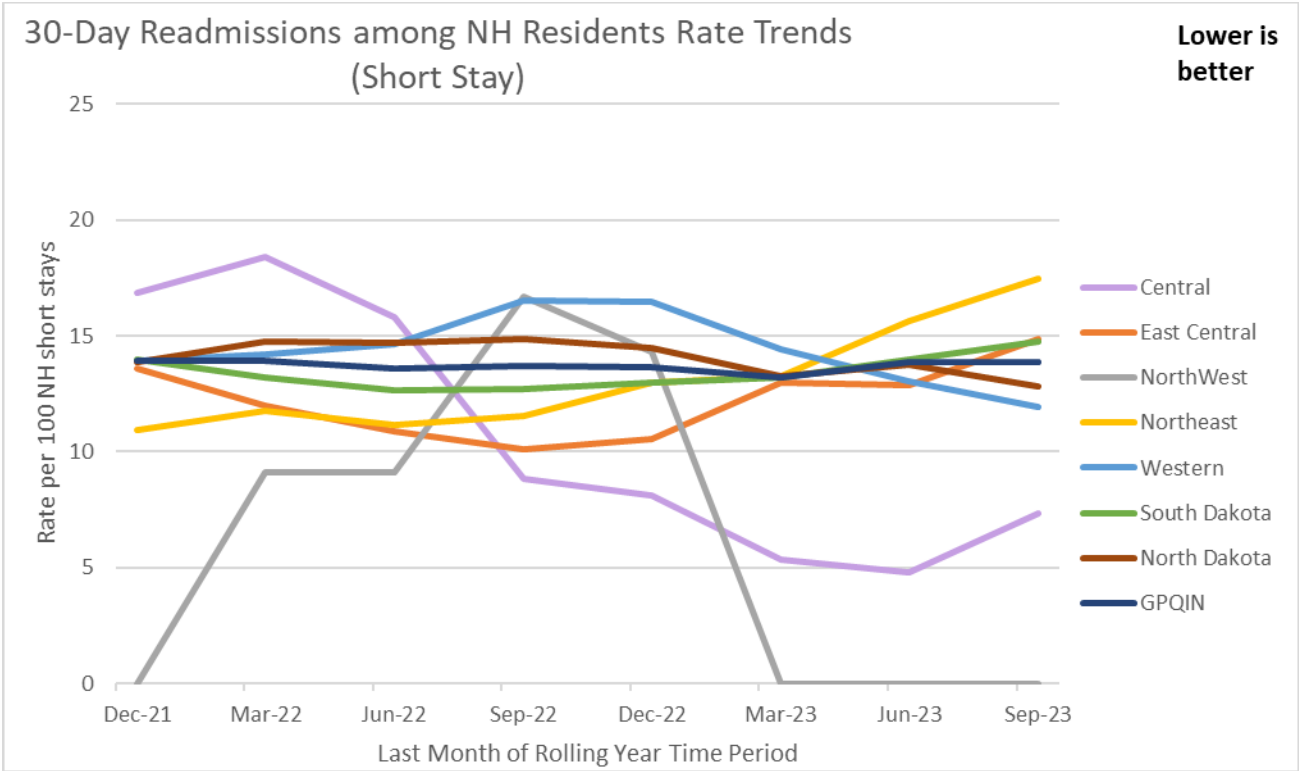
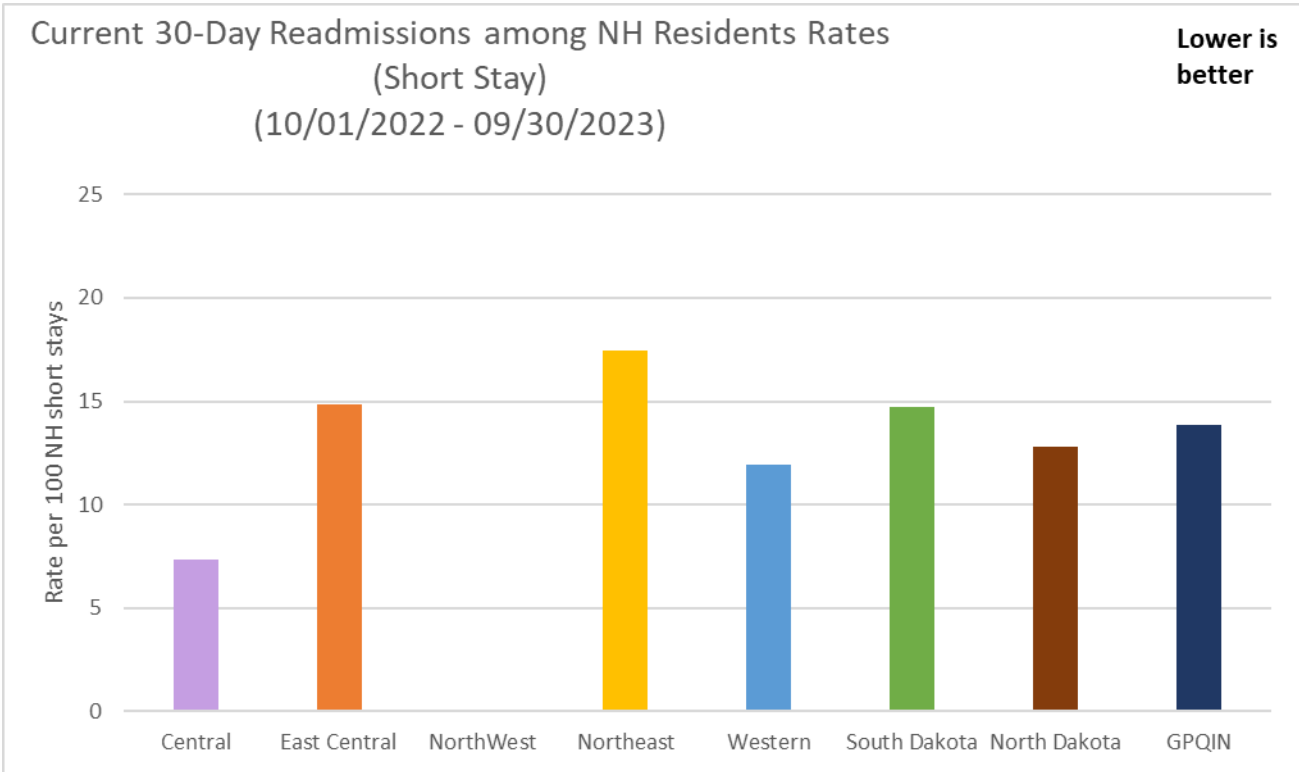


**30-Day Readmissions (Long Stay):** Percentage of nursing home stays by long-stay residents who are Medicare Fee-for-Service beneficiaries having an all-cause inpatient readmission within 30 days after an inpatient discharge.





**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 (<https://greatplainsqin.org/about-us/who-we-are/>) for a listing of team members and contact information.