



CLINICAL AND SAFETY PERFORMANCE METRICS

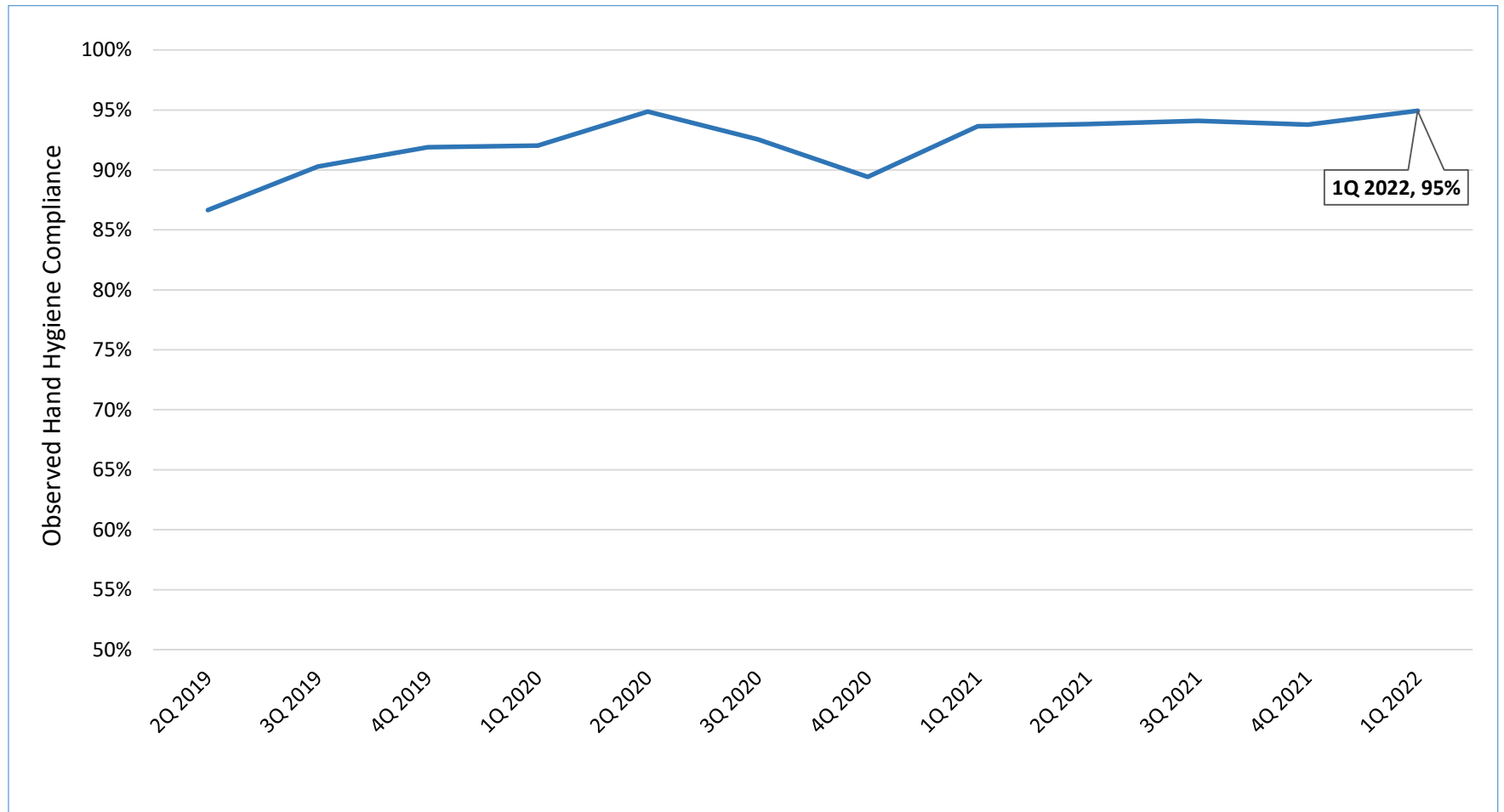
Executive Dashboard

NIH Clinical Center
July 2022

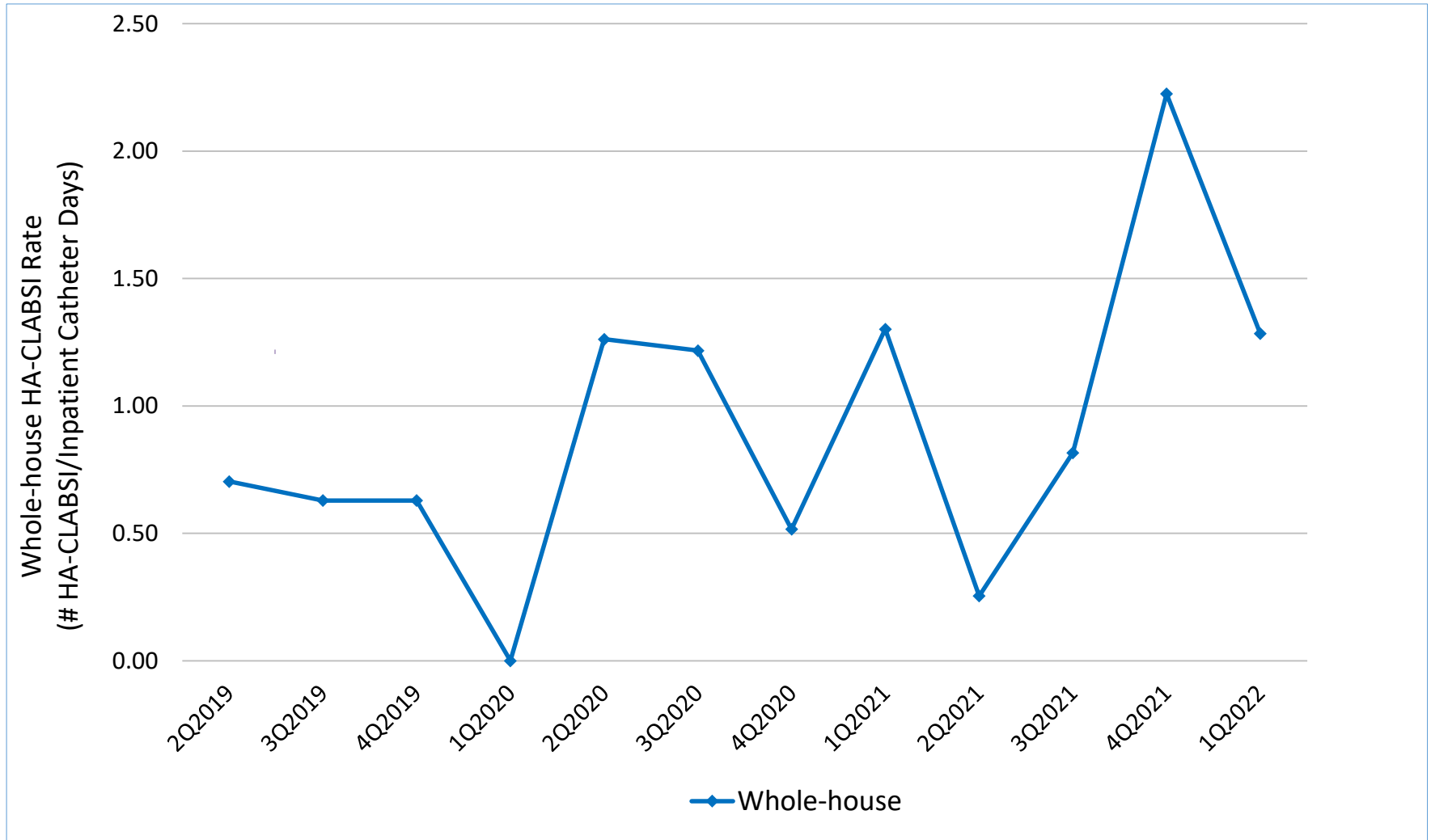
Infection Control Metrics

- Hand Hygiene
- Central-Line Associated Bloodstream Infections
 - Whole-House
 - Intensive Care Unit
- Catheter Associated Urinary Tract Infections
 - Intensive Care Unit
 - Surgical Oncology
- Surgical Site Infections

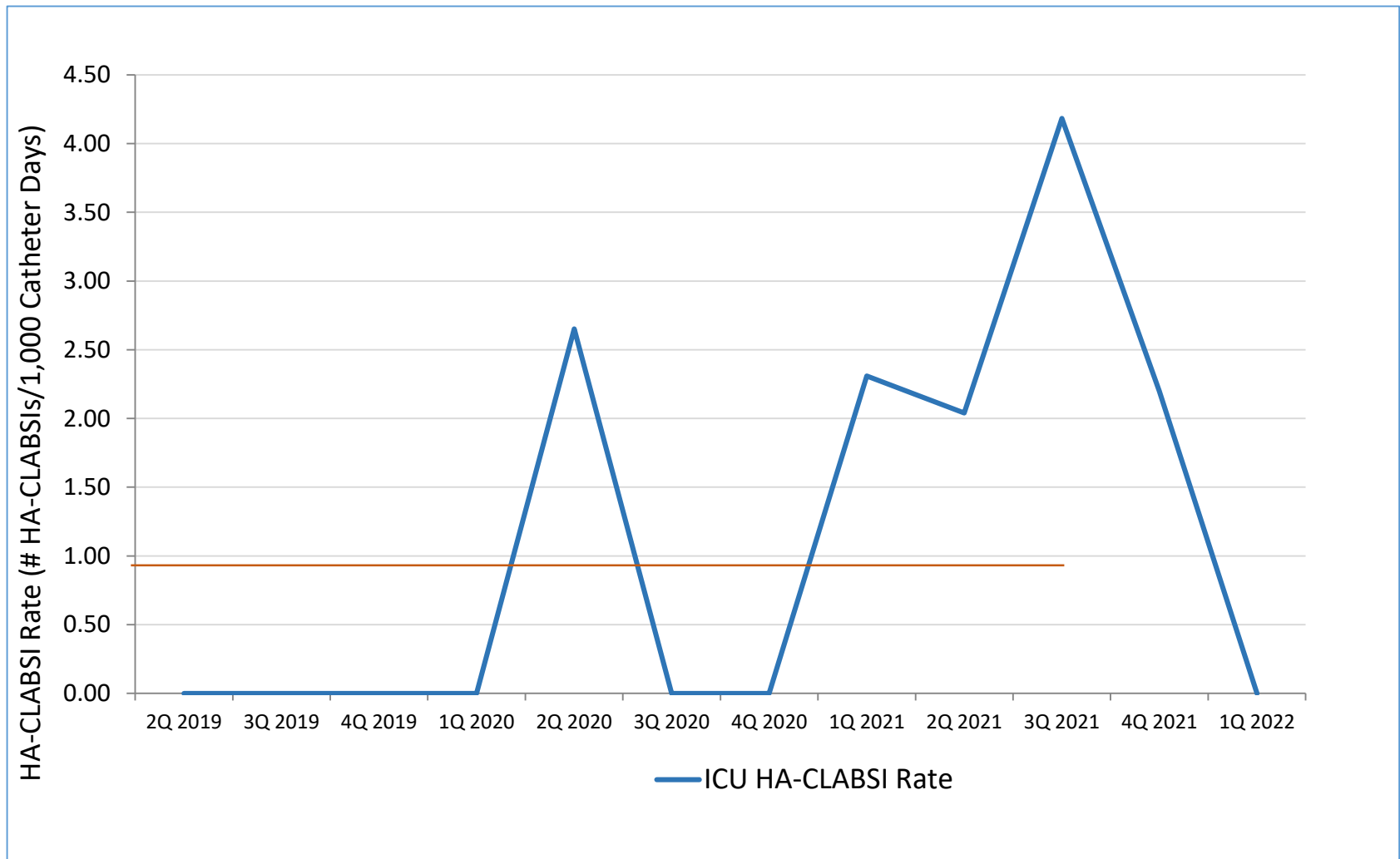
Hand Hygiene Compliance



Whole-House Central-Line Associated Bloodstream Infection (CLABSI) Rate

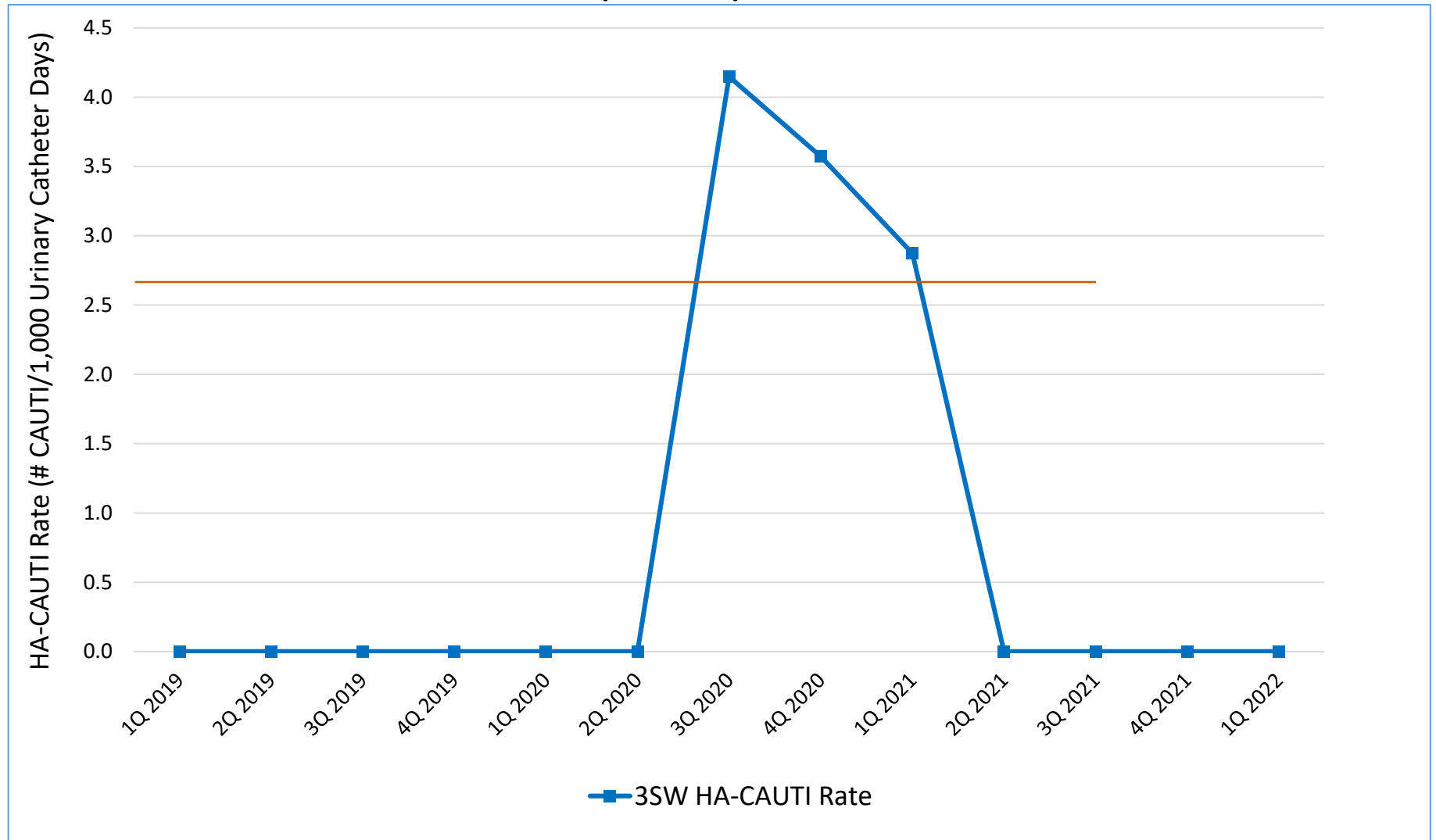


ICU Central-Line Associated Bloodstream Infection (CLABSI) Rate



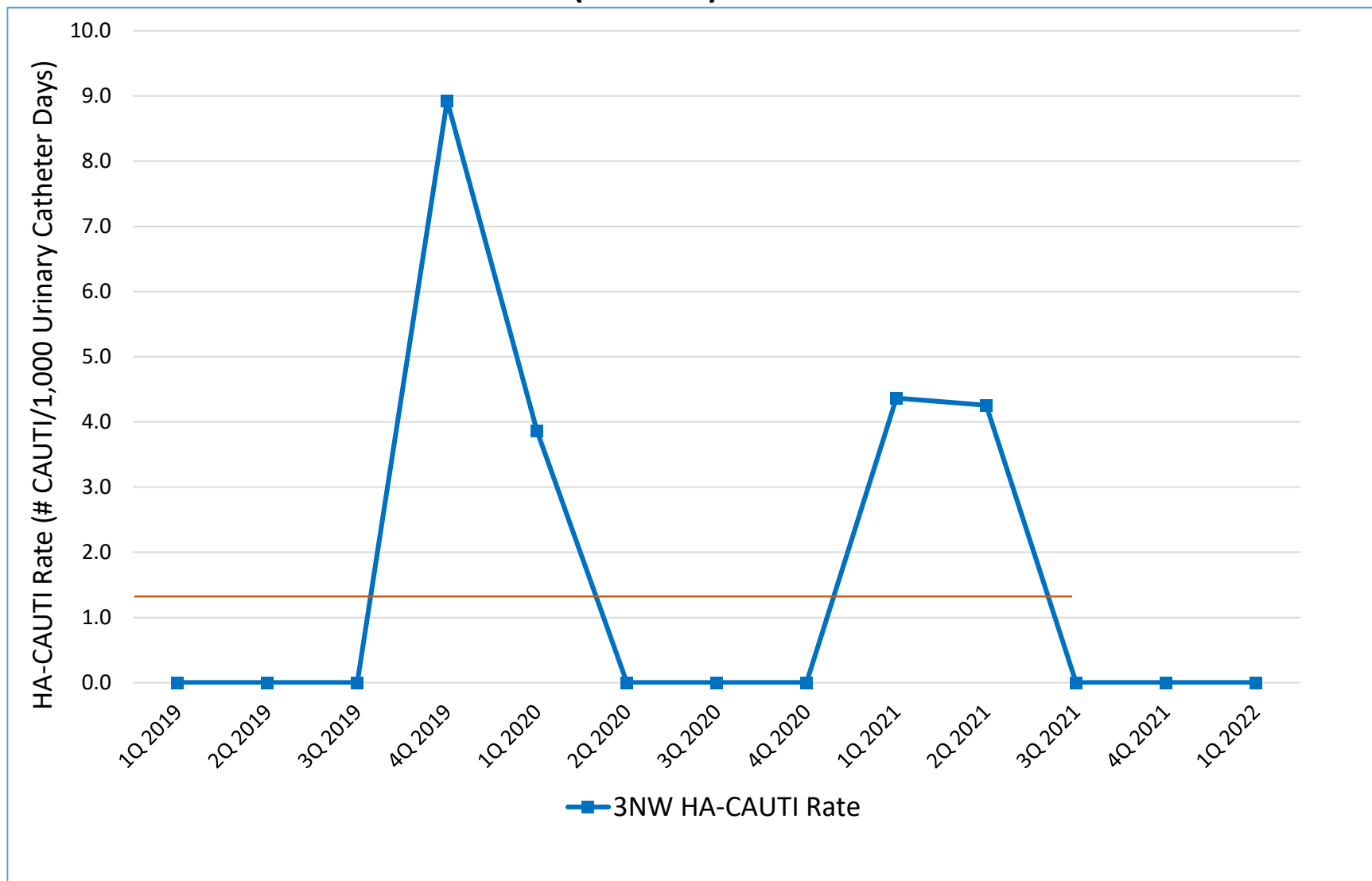
2013 CDC National Healthcare Safety Network (NHSN) Benchmark: Critical Care Units, Medical/Surgical -major teaching mean 1.1 (through 2021 Q3)

ICU Catheter-Associated Urinary Tract Infections (CAUTI) Rate



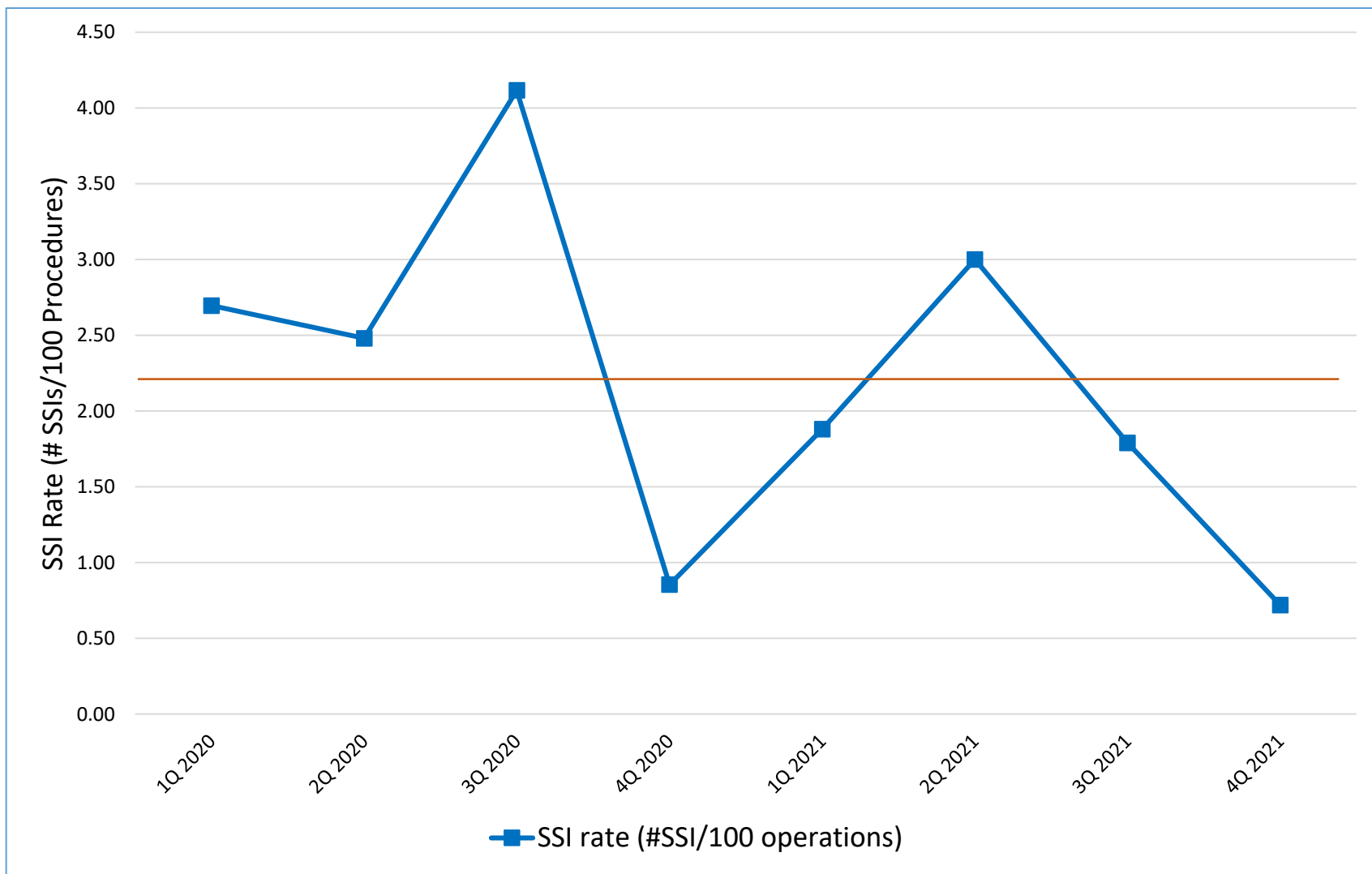
2013 CDC National Healthcare Safety Network (NHSN) Benchmark: Critical Care Units, Medical/Surgical -major teaching mean 2.7 (through 2021 Q3)

Surgical Oncology Catheter-Associated Urinary Tract Infections (CAUTI) Rate



2013 CDC National Healthcare Safety Network (NHSN) Benchmark:
Inpatient Wards, Medical/Surgical mean 1.3 (through 2021 Q3)

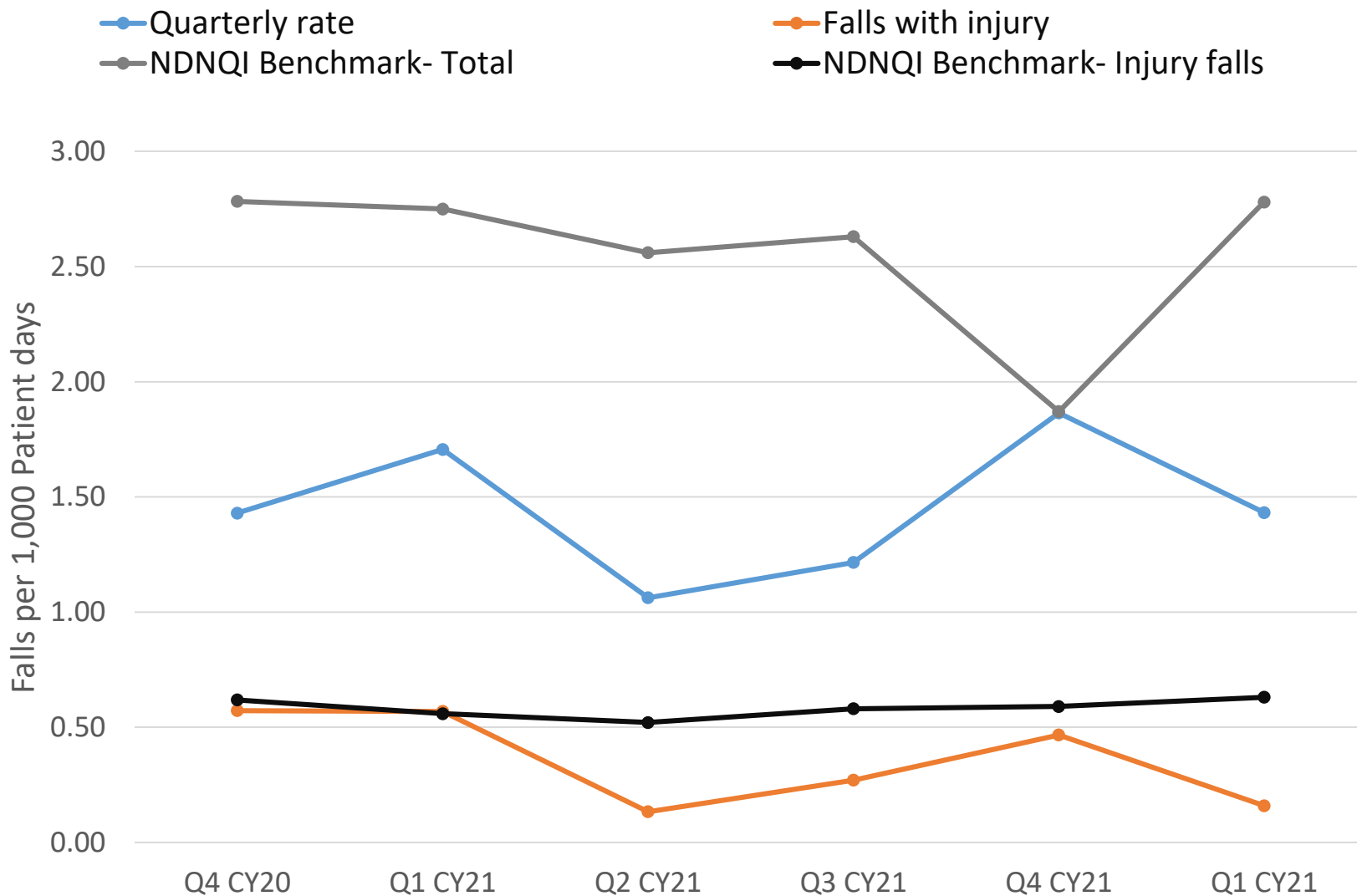
Surgical Site Infections



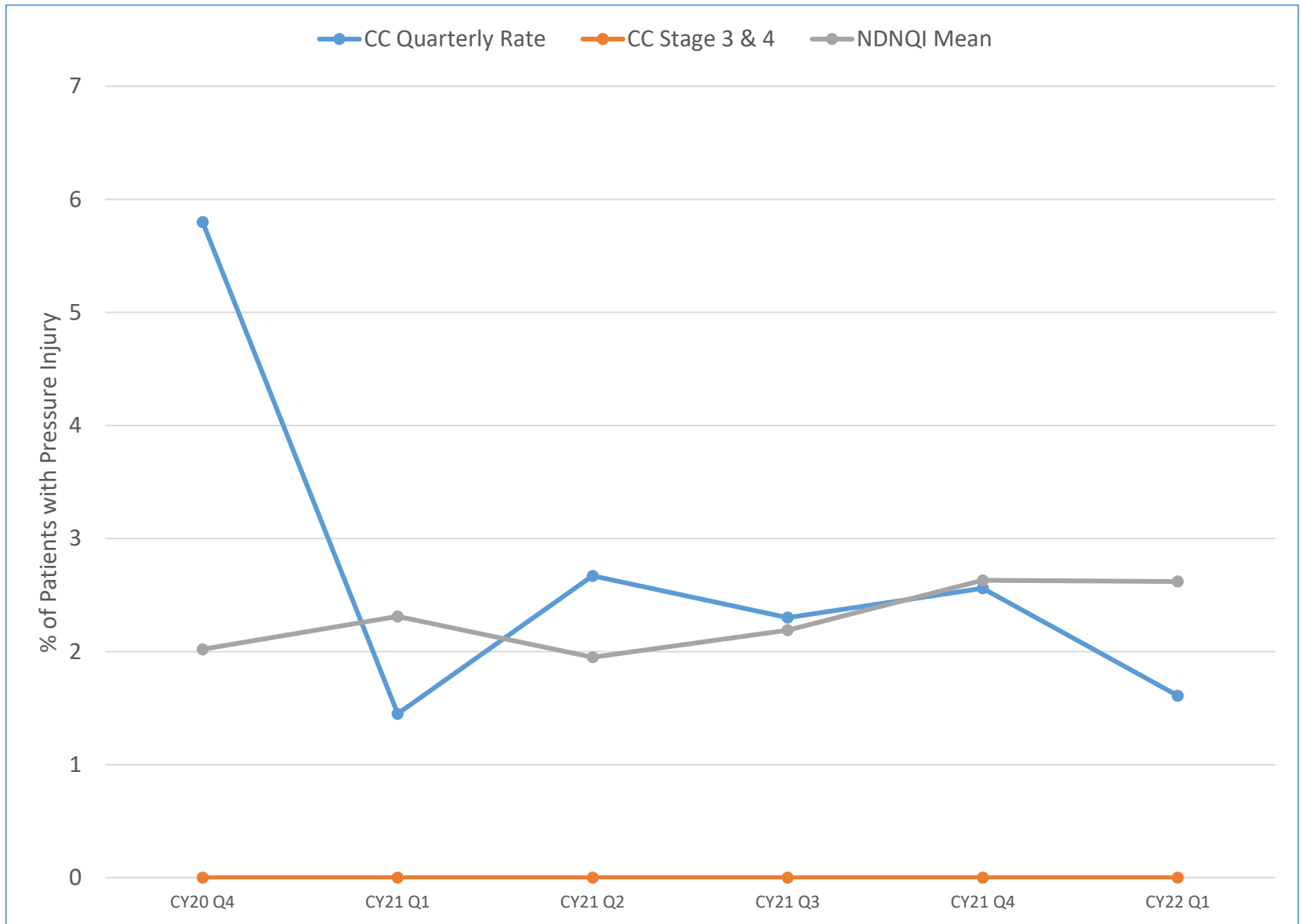
Nursing Quality Metrics

- Falls
- Pressure Injury
- Medication Administration Barcoding

Inpatient Falls Rate

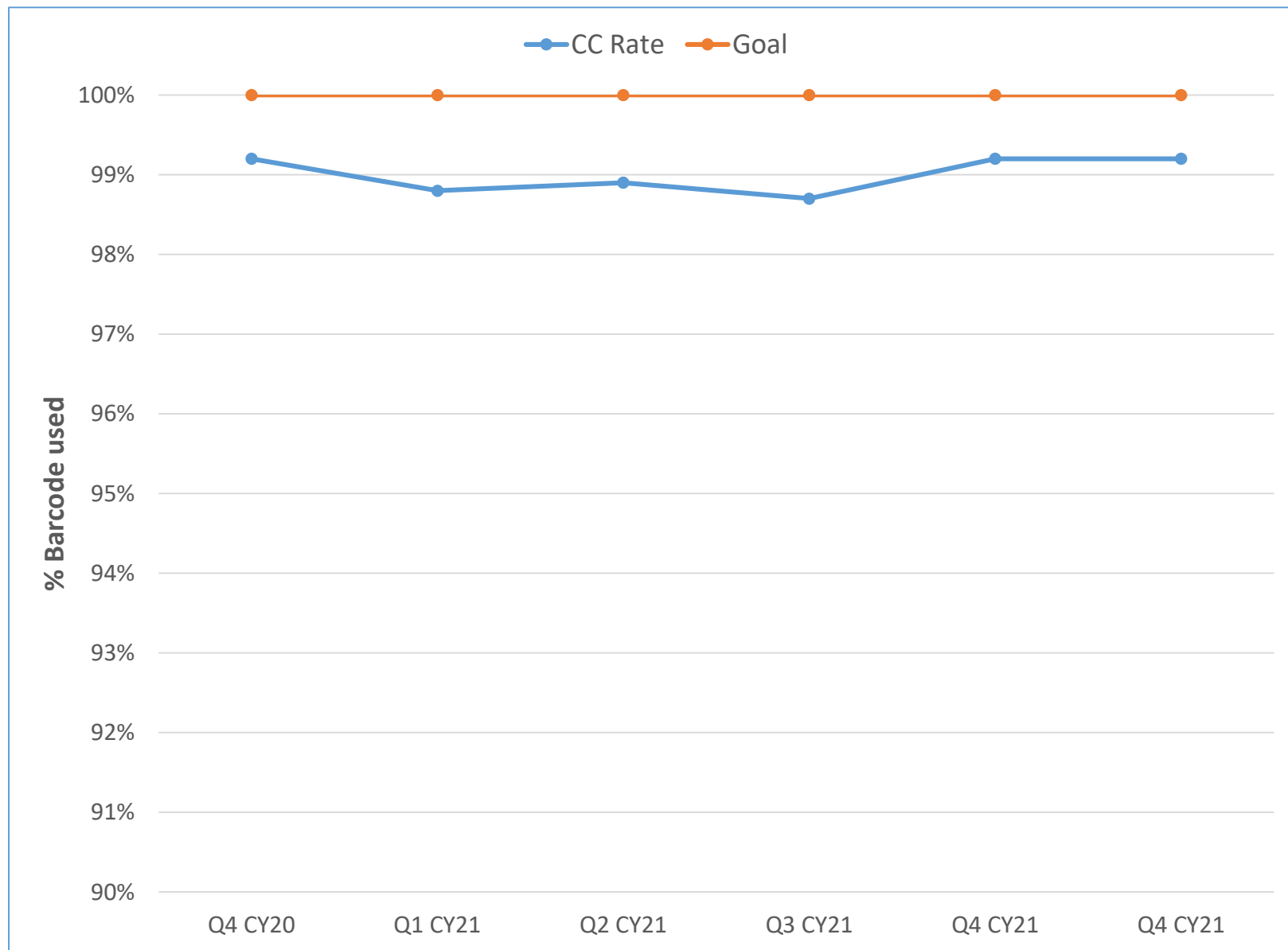


Pressure Injury Prevalence



NDNQI Benchmark for Total Pressure Injury Rate only

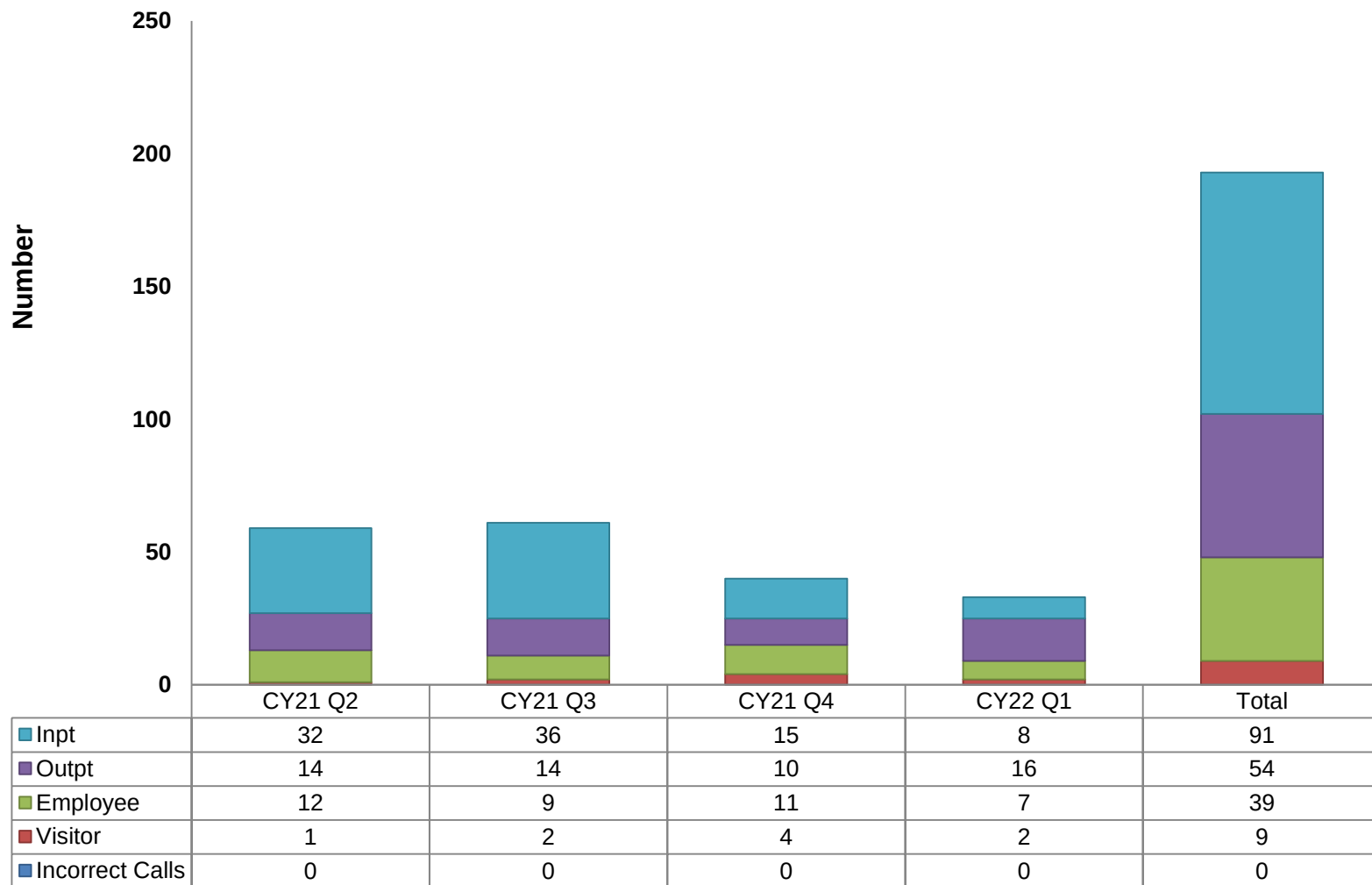
Medication Administration Barcode Use



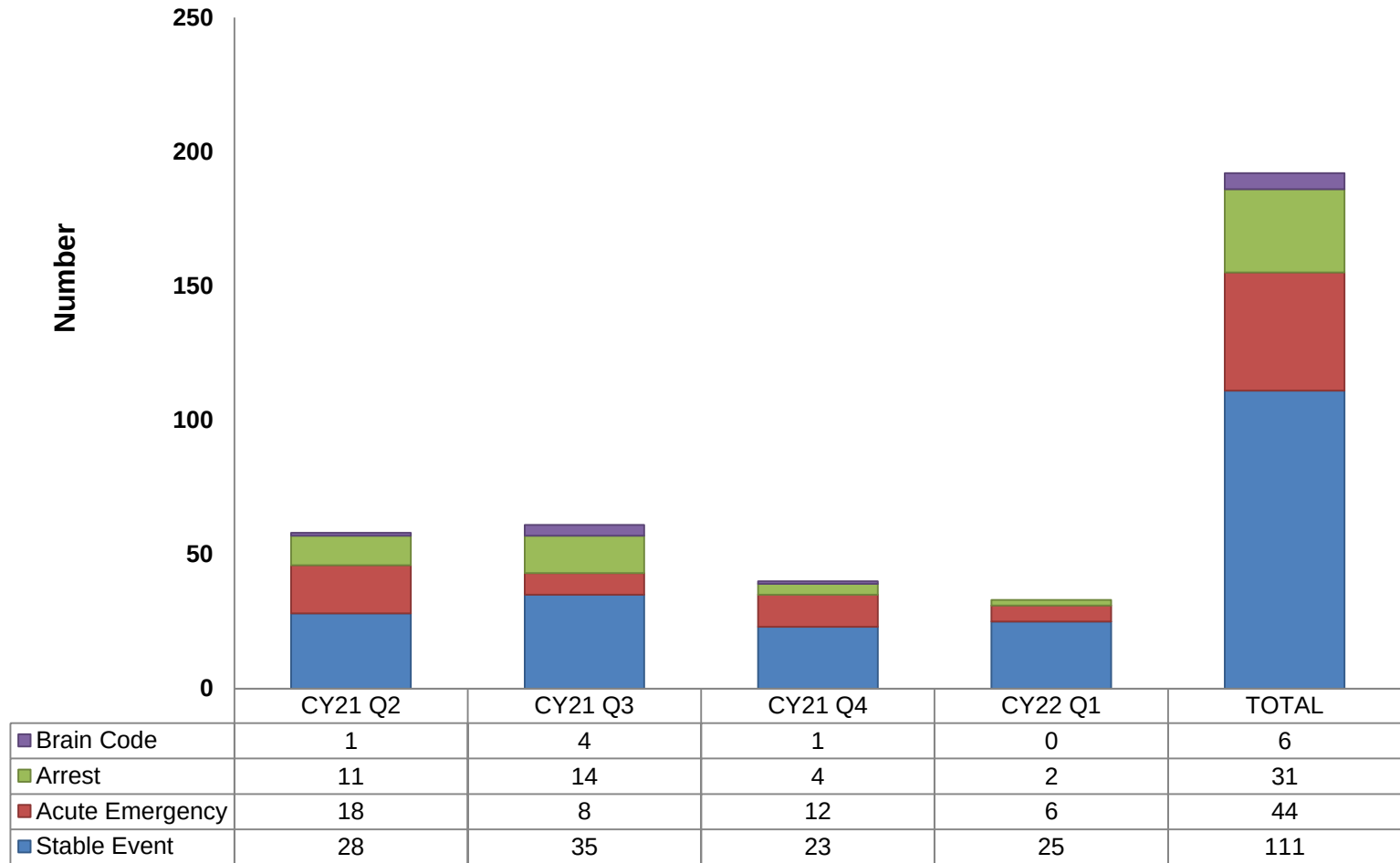
Emergency Response

- Code Blue and Rapid Response
 - Types of Patients
 - Type of Event
 - Patient Disposition

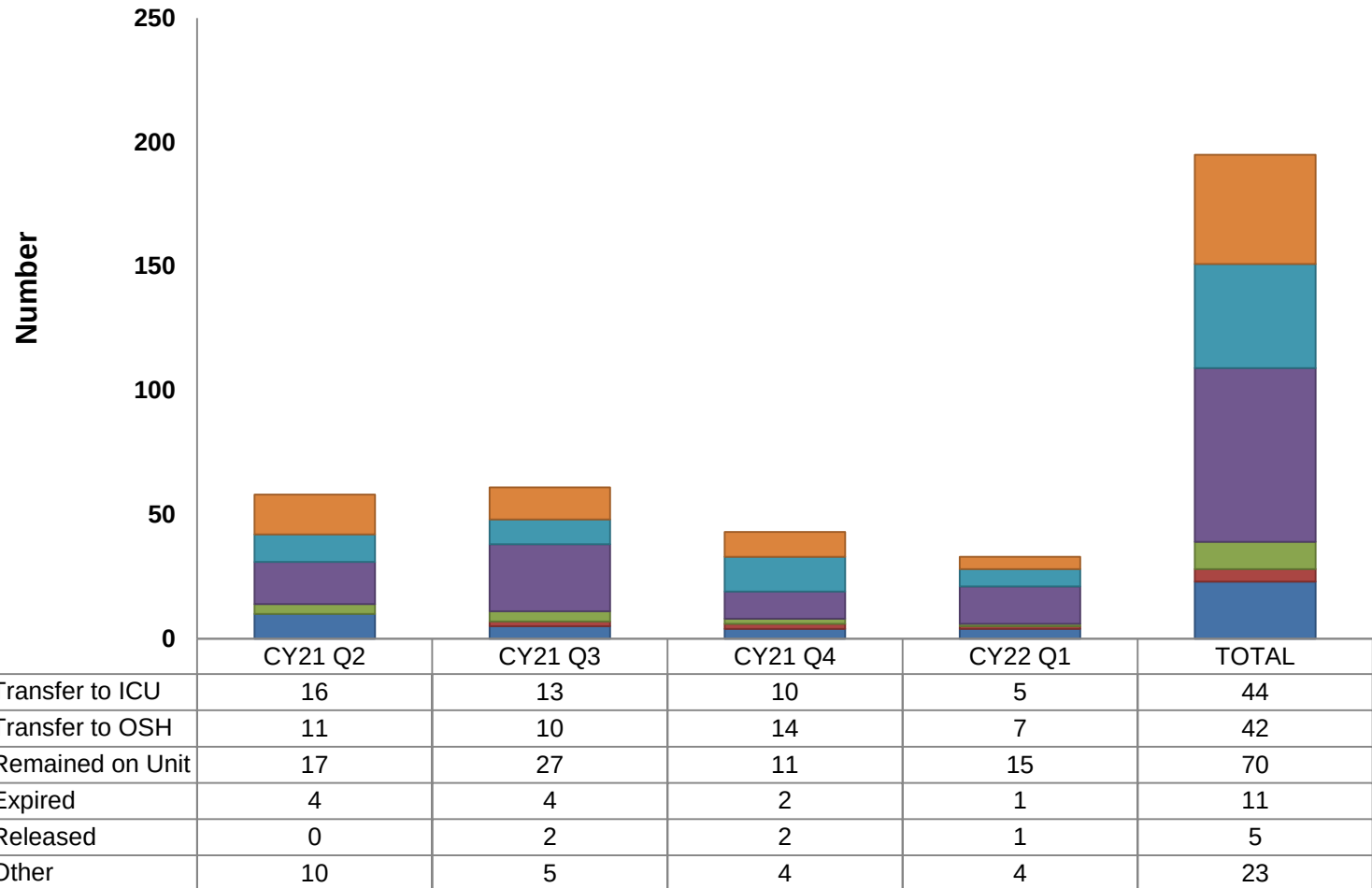
Code Blue Response: Types of “Patients”



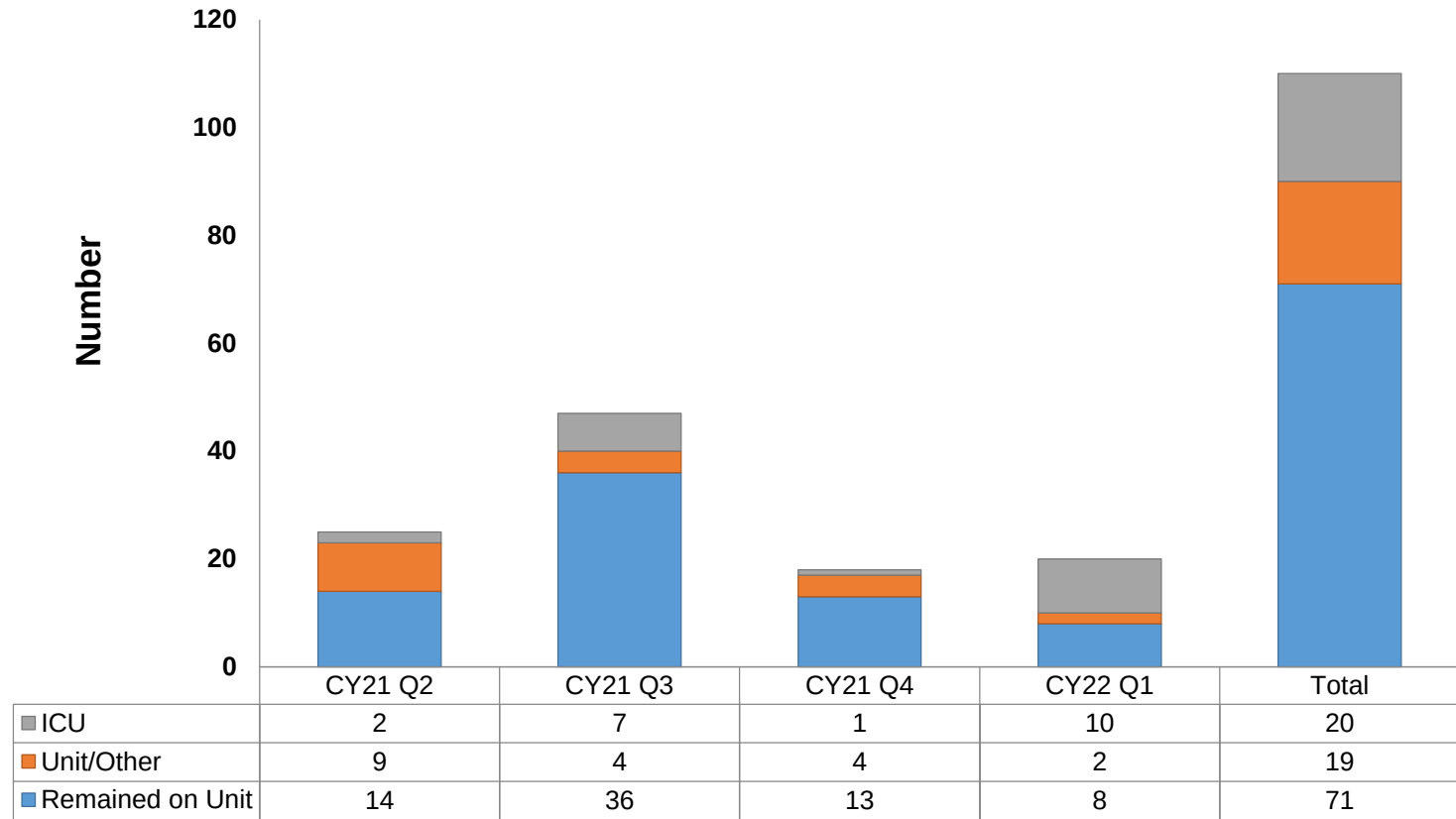
Code Blue Response: Type of Event



Code Blue Response: Patient Disposition



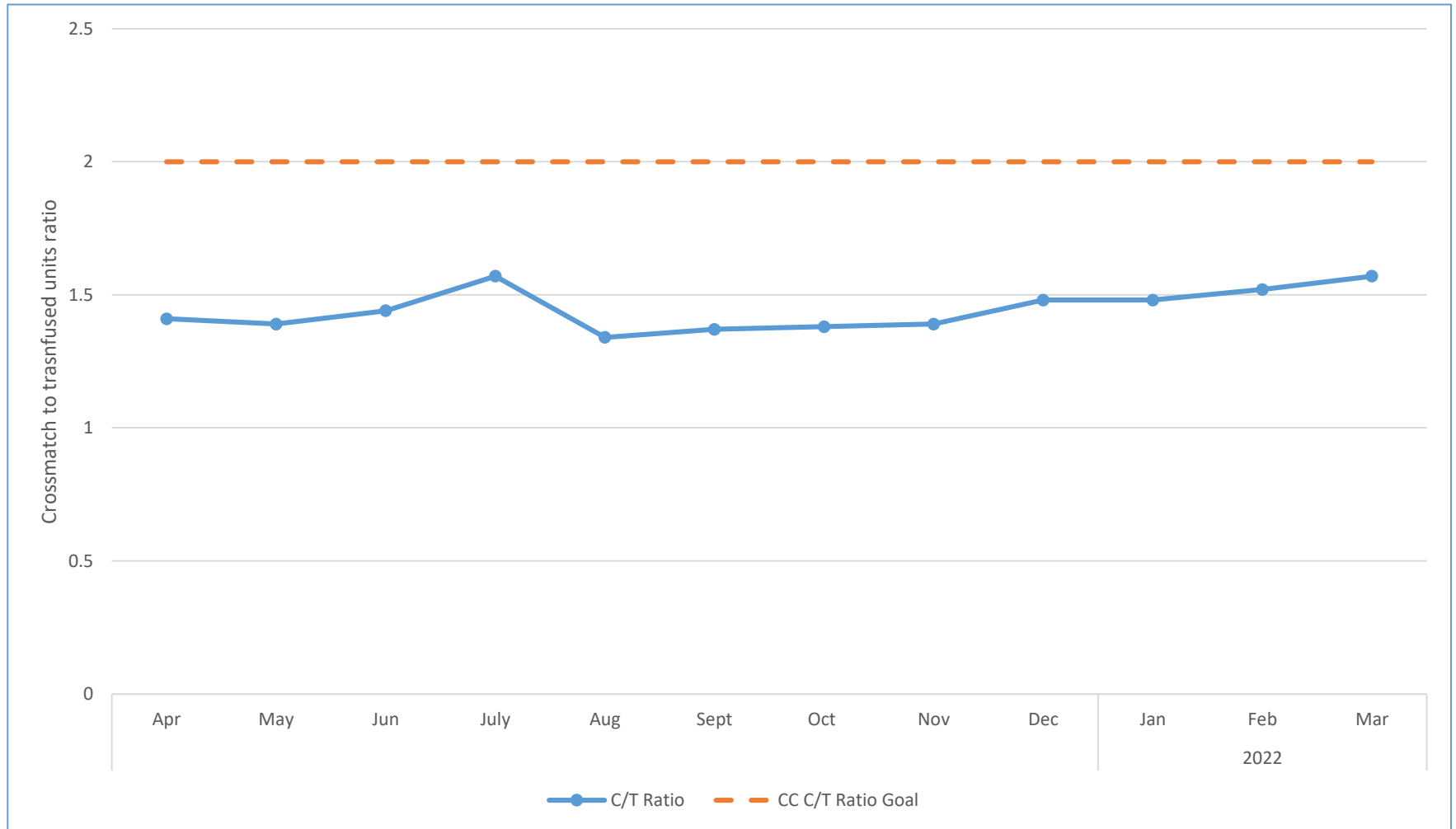
Rapid Response Team: Patient Disposition



Blood and Blood Product Use

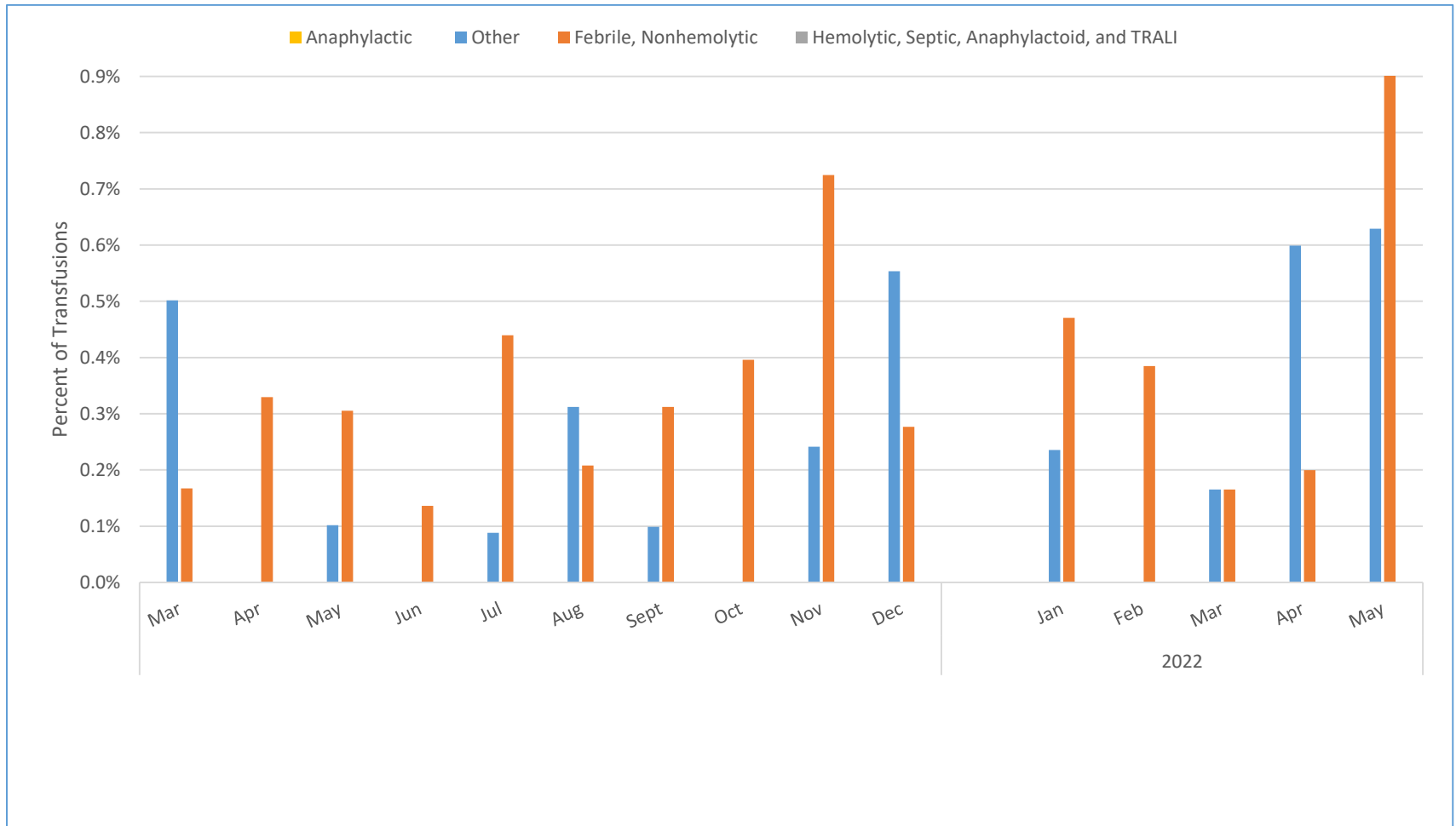
- Crossmatch to Transfusion (C:T) Ratio
- Transfusion Reaction by Class
- Unacceptable Blood Bank Specimens

Crossmatch to Transfusion (C/T) Ratio

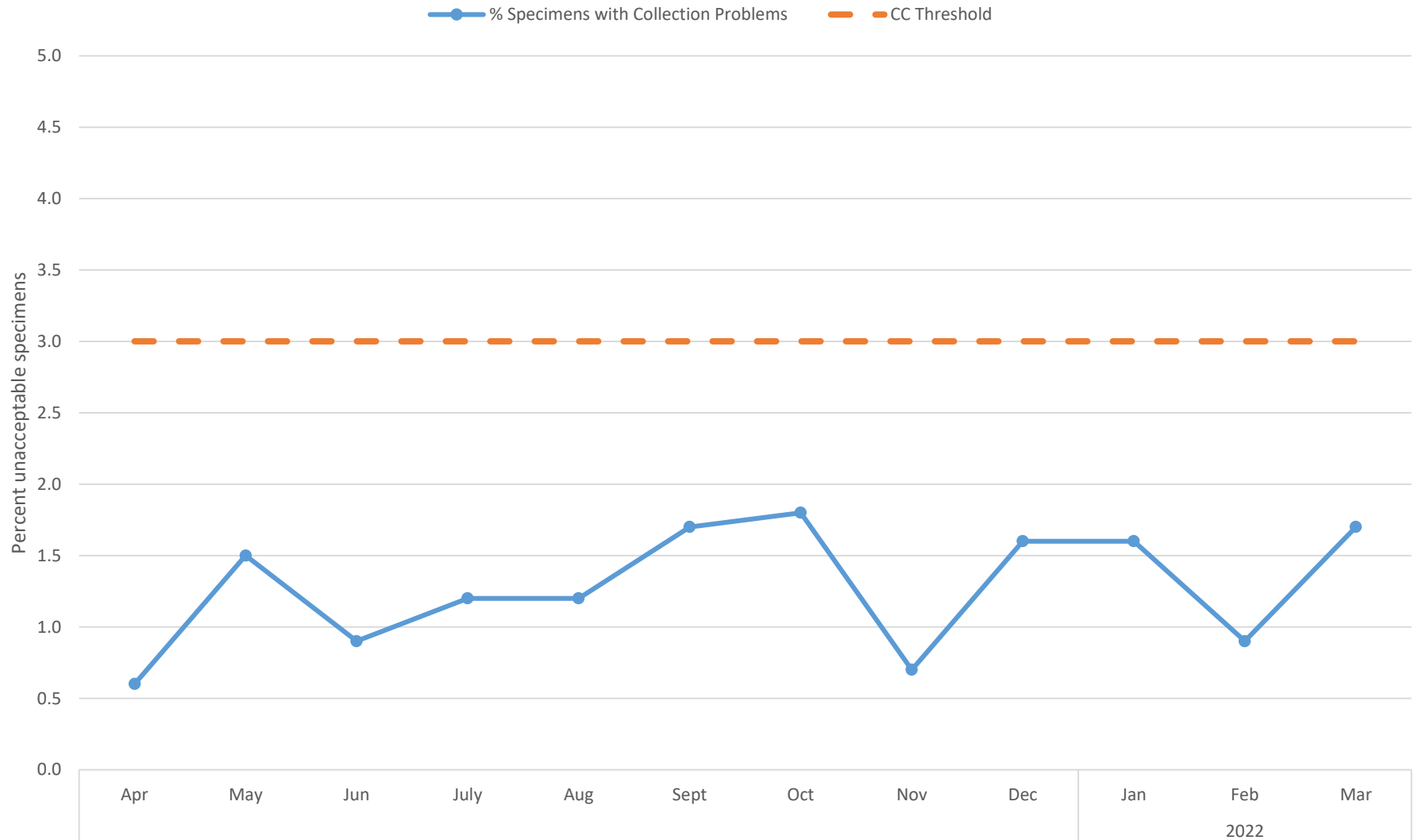


The NIH CC goal is to have a C:T ratio of 2.0 or less. Monitoring this metric ensures that blood is not held unused in reserve when it could be available for another patient

Transfusion Reactions by Class



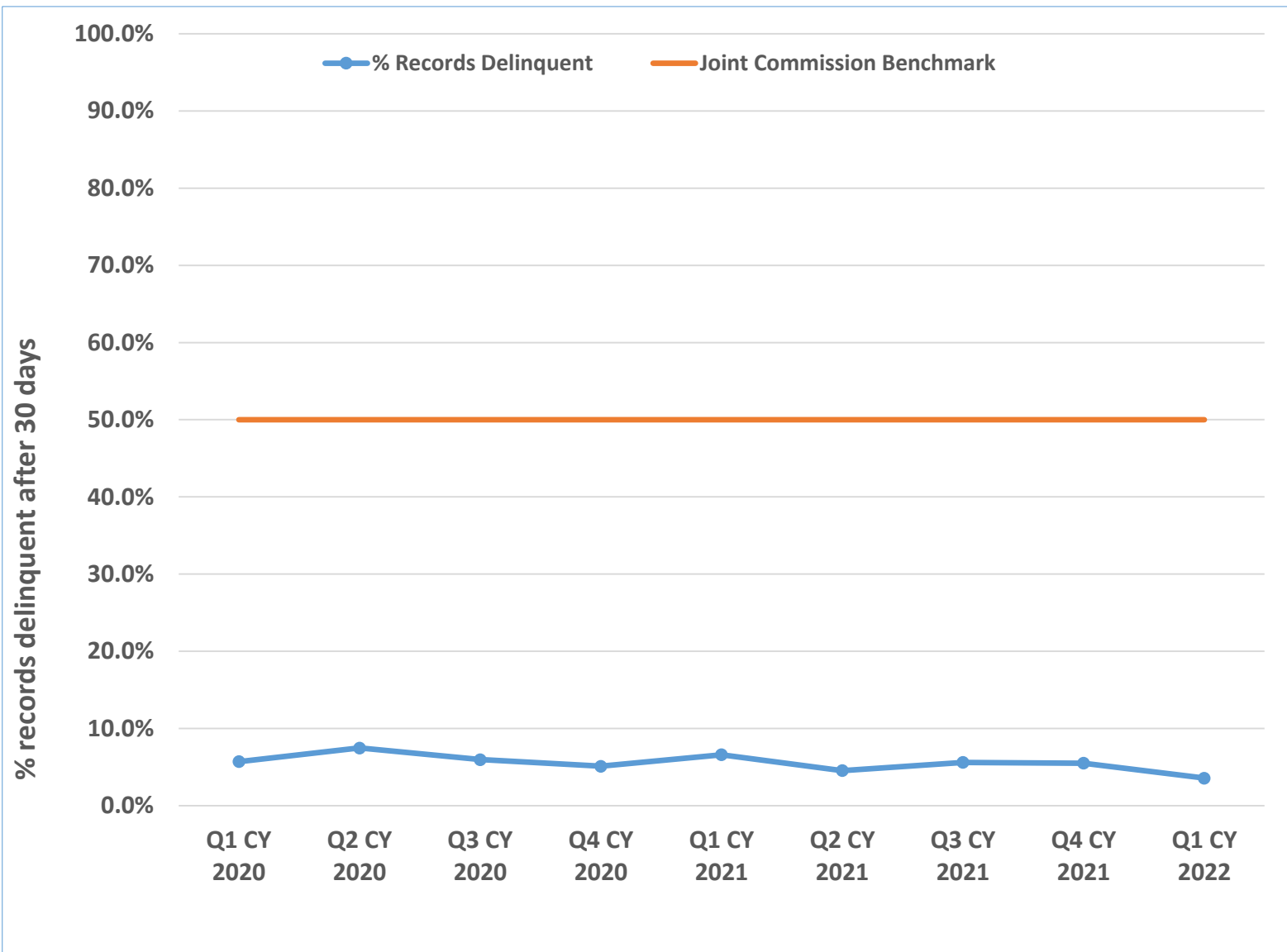
Unacceptable Blood Bank Specimens



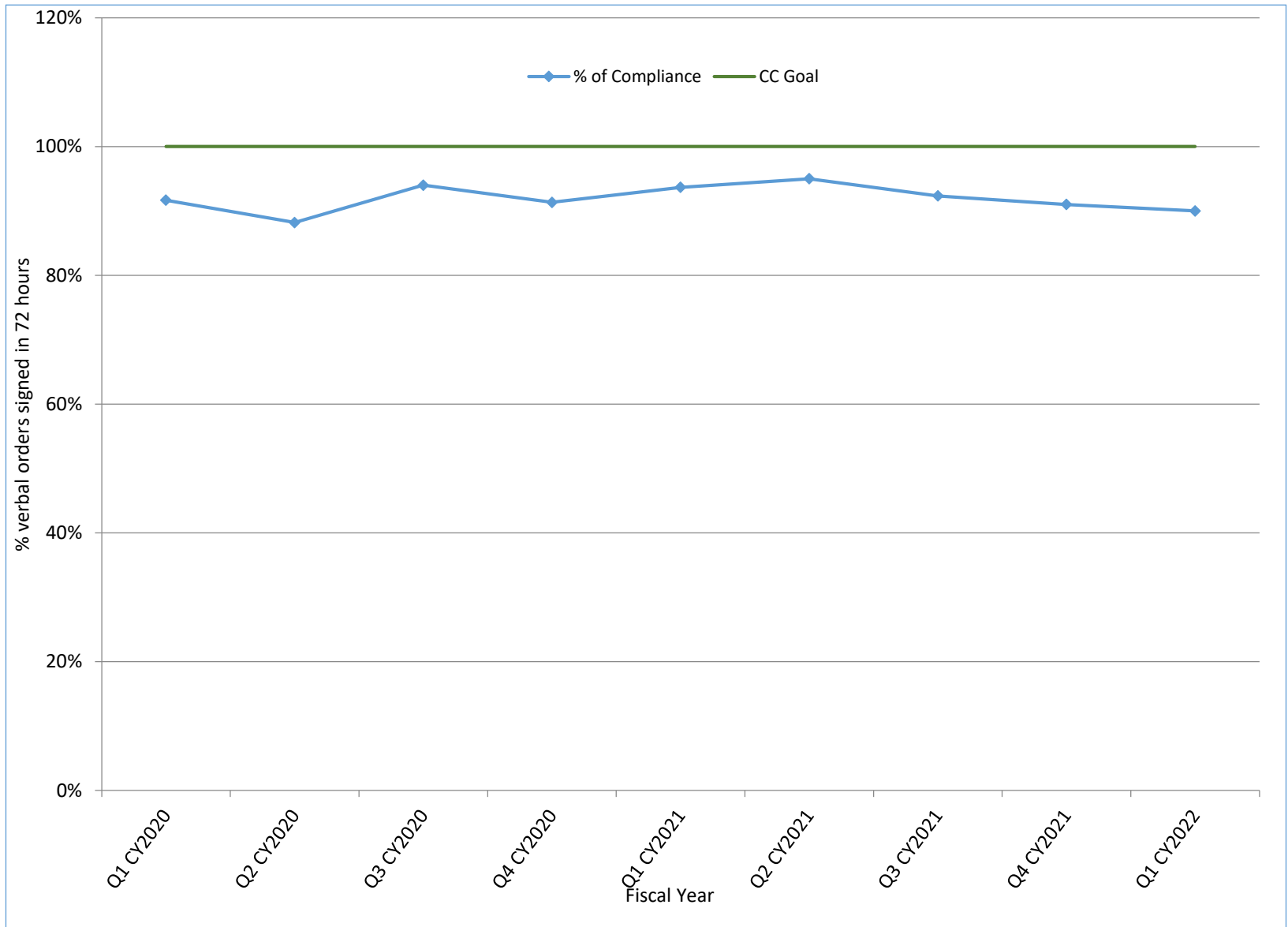
Clinical Documentation

- Medical Record Completeness
 - Delinquent Records
 - “Agent for” Countersignature Adherence
 - Unacceptable Abbreviation Use
- Accuracy of Coding

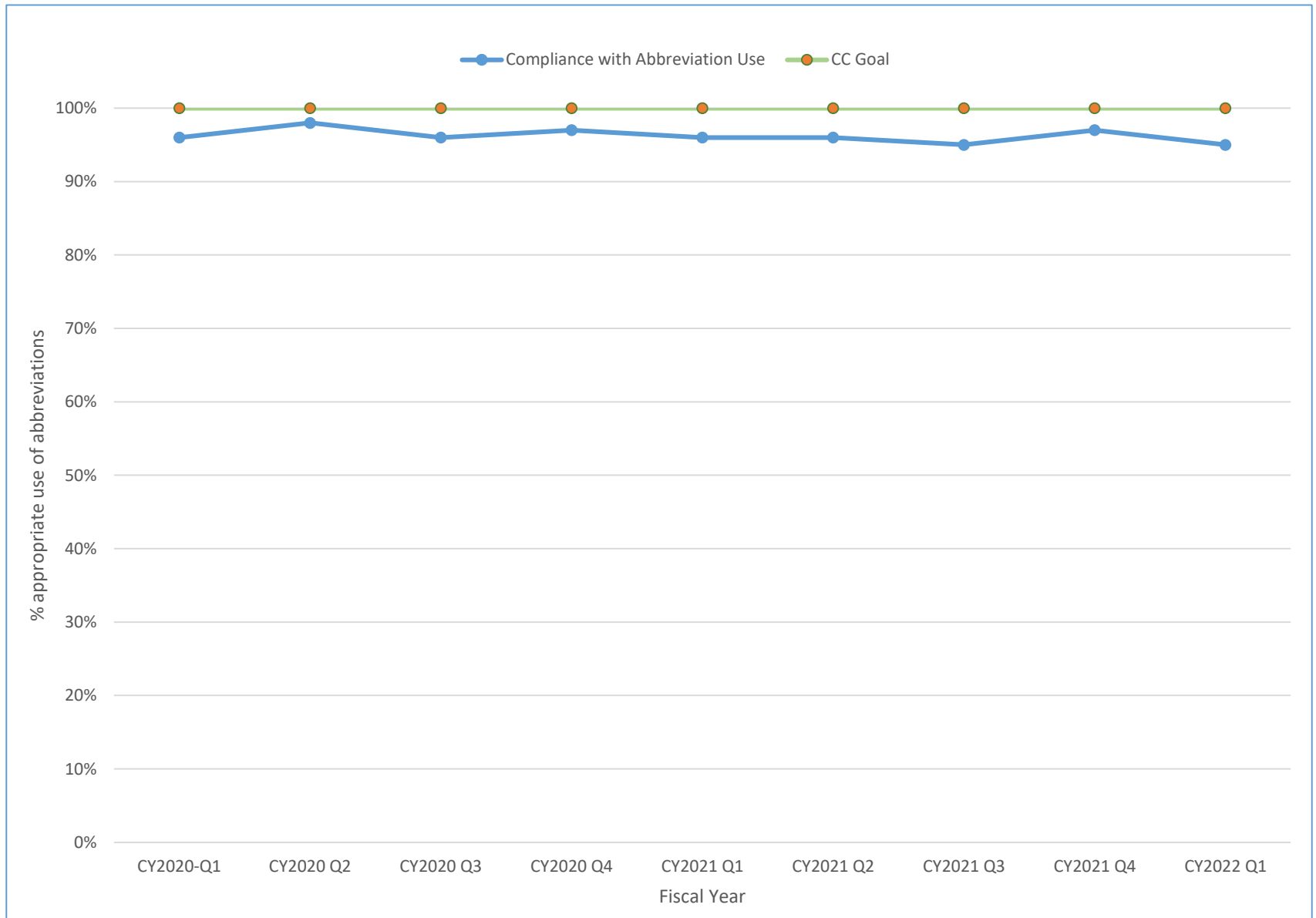
Delinquent Records (>30 days post discharge)



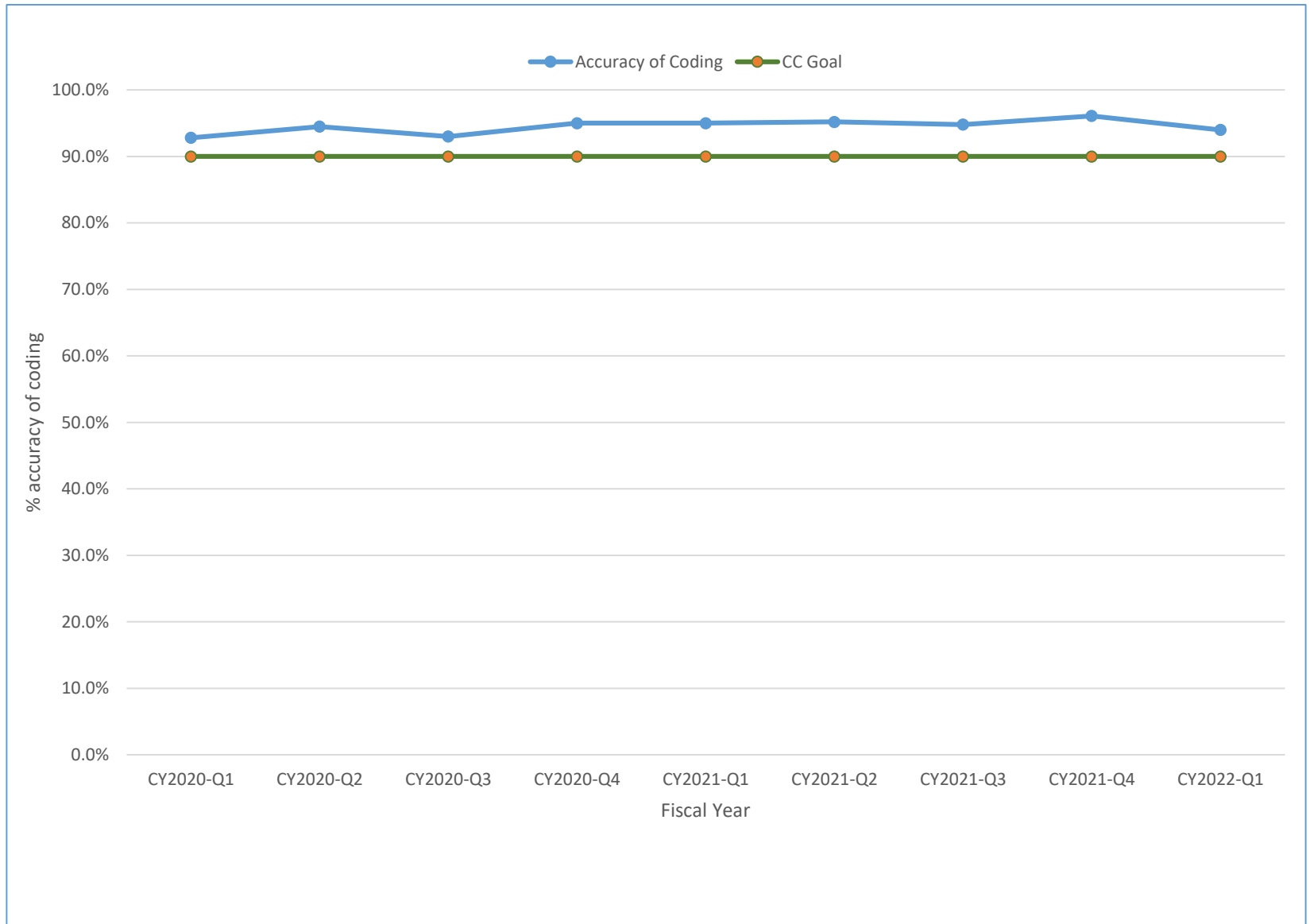
"Agent for" Orders Countersignature Compliance



"Do Not Use" Abbreviation Adherence



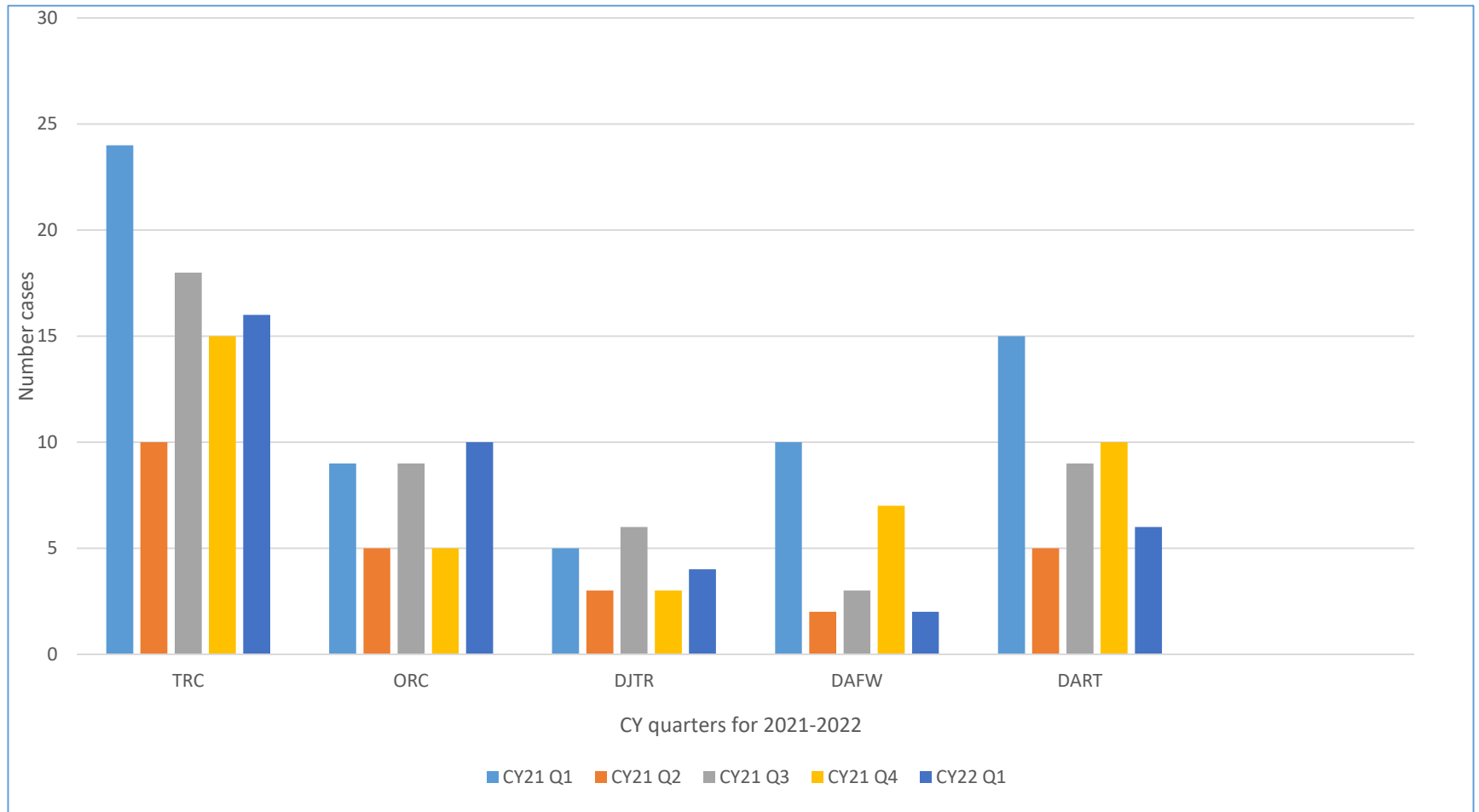
Accuracy of Record Coding



Employee Safety

- Occupational Injury and Illness compared with U.S. Hospitals

Recordable Occupational Injuries and Illnesses Among CC Employees



TRC= Total Recordable cases

DJTR= Days of job transfer or restriction

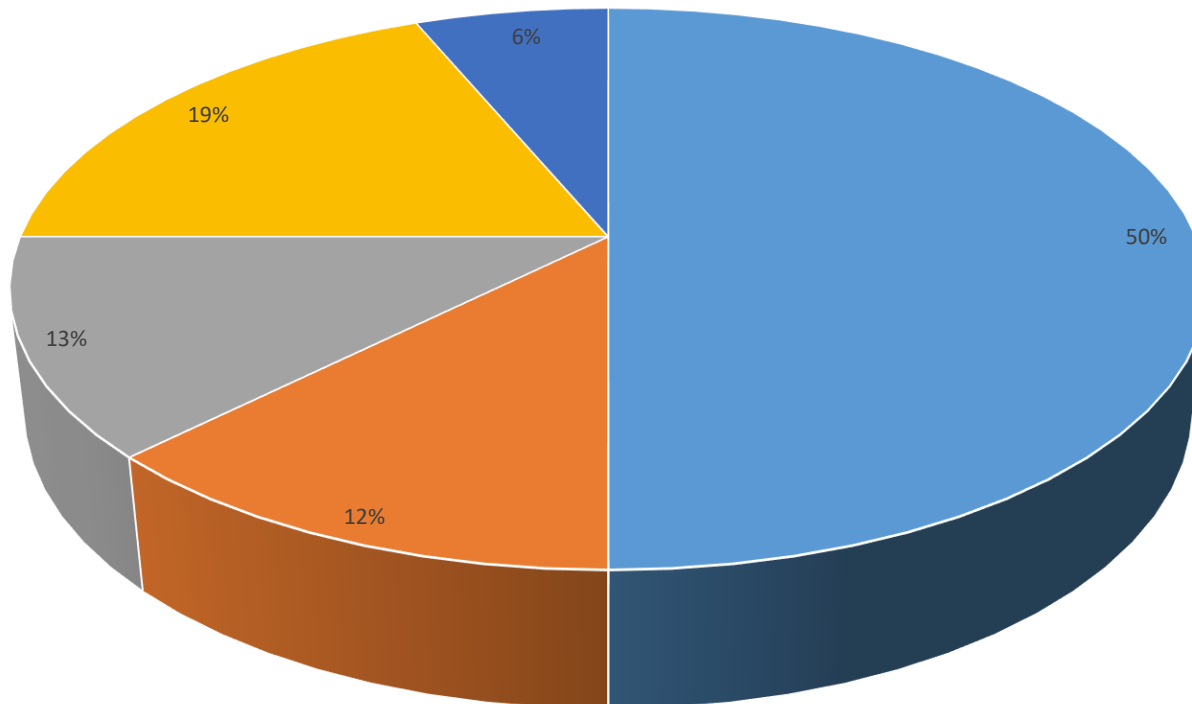
ORC = Other recordable cases

DAFW= Days away from work

DART= Days away, restricted, or transferred (DJTR+DAFW)

Types of Occupational Injuries, Jan-Mar

n=16



■ Mus/Skel ■ Wounds ■ Ergonomic ■ Splash ■ Other