2025 Patient Safety Honor Roll Methodology

The CHC Patient Safety Honor Roll uses two approaches 1) an algorithmic method based on individual hospital performance across 12 patient safety measures and 2) Leapfrog Hospital Safety Grades. For the algorithmic method, measures include Hospital Acquired Infections (HAIs), the Agency for Healthcare Research and Quality (AHRQ) PSI 90 Composite, Sepsis Management and Patient Experience (Appendix C). To qualify for the algorithmic method, hospitals must have scores for at least 6 of the 12 measures (Appendix C). CHC utilized the same methodology to identify Patient Safety Honor Roll hospitals from 2019 to present.

> Tier 1: The hospital meets the algorithm approach with two-thirds of their measures above the 50th percentile of good performance (and none below the 10th percentile) **AND** has Leapfrog Grades of at least an A for the last three reporting periods.
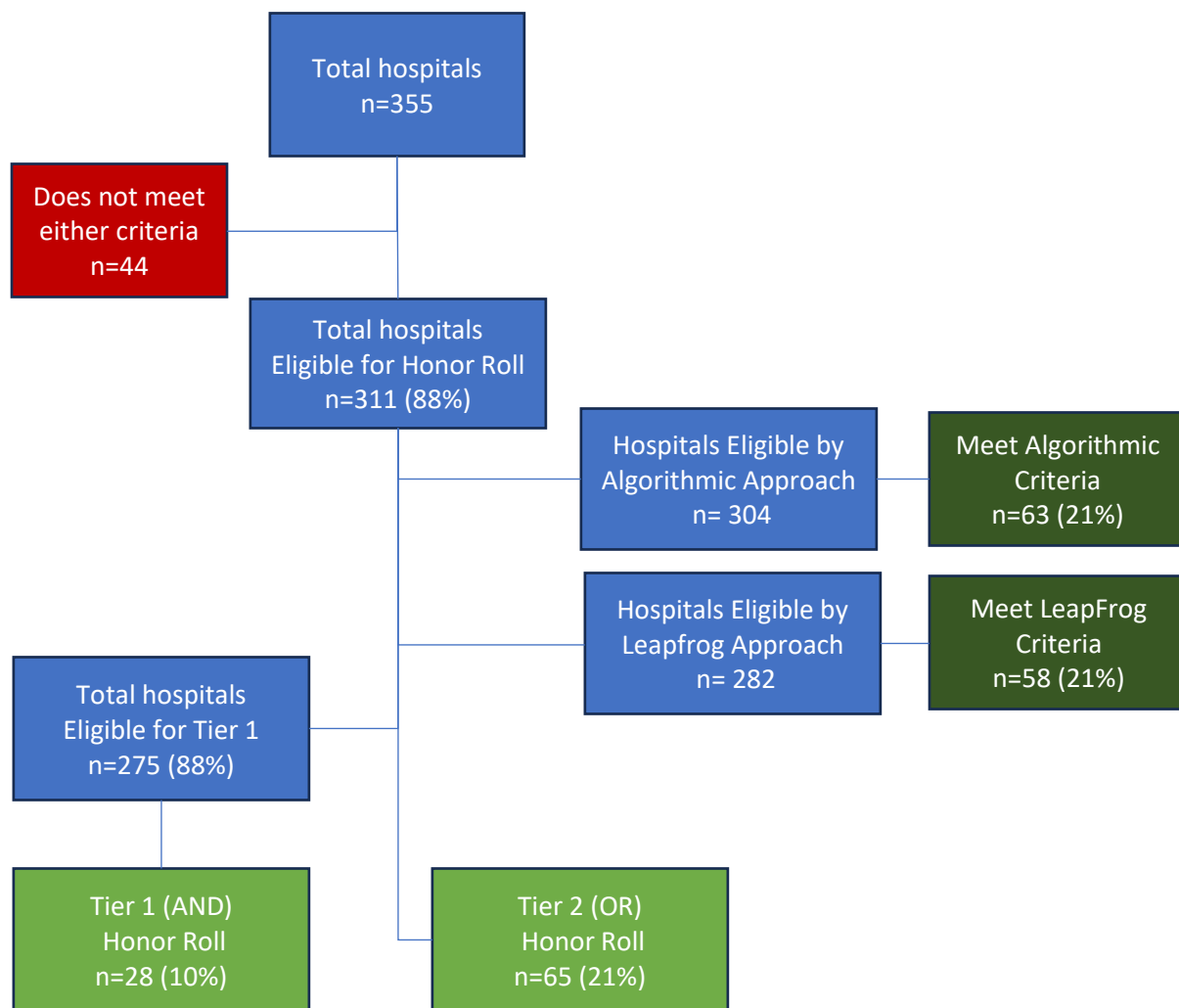
> Tier 2: The hospital meets the algorithm approach with two-thirds of their measures above the 50th percentile of good performance (and none below the 10th percentile) **OR** has Leapfrog Grades of at least an A for the last three reporting periods.

Please note that lower rates indicate better performance for HAIs and AHRQ PSI 90 measures. Therefore, for those measures, "above the 50th percentile of good performance" means that the hospital's rate was lower than the rate of half of hospitals. The algorithmic approach and the Leapfrog Safety Grade use overlapping measures each with unique measures and different weighting schemes. As such, they provide a different "lens" to evaluate patient safety performance.

Of the 355 hospitals reporting data, 311 met the eligibility criteria for either the algorithmic or leapfrog method and were considered for Honor Roll Status (Appendix A). The Honor Roll does not include military or psychiatric hospitals, rehabilitation facilities, long-term acute care hospitals and specialty only hospitals. Some small, rural, or Critical Access Hospitals do not have publicly available data or enough data to score them accurately.

The use of both an algorithmic method and the Leapfrog scores provides two complementary signals of high patient safety performance derived from publicly reported information.

Using this approach, 93 hospitals were identified as high patient safety performers. The resulting list was approved by the CHC Technical Advisory Committee and Board of Directors to ensure accuracy, and that high performance is indicative of an overall trend.

Cal Hospital Compare

```
                    ┌──────────────────────┐
                    │   Total hospitals     │
                    │      n=355            │
                    └──────────┬───────────┘
                               │
┌──────────────────┐          │
│ Does not meet    │──────────┤
│ either criteria  │          │
│     n=44         │          │
└──────────────────┘          │
                    ┌──────────┴───────────┐
                    │   Total hospitals     │
                    │ Eligible for Honor Roll│
                    │   n=311 (88%)         │
                    └──────────┬───────────┘
                               │
```

Total hospitals
n=355

Does not meet
either criteria
n=44

Total hospitals
Eligible for Honor Roll
n=311 (88%)

Hospitals Eligible by
Algorithmic Approach
n= 304

Meet Algorithmic
Criteria
n=63 (21%)

Hospitals Eligible by
Leapfrog Approach
n= 282

Meet LeapFrog
Criteria
n=58 (21%)

Total hospitals
Eligible for Tier 1
n=275 (88%)

Tier 1 (AND)
Honor Roll
n=28 (10%)

Tier 2 (OR)
Honor Roll
n=65 (21%)

Domain	Source	Measurement Period
Healthcare Associated Infections • CLABSI • CAUTI • SSI Colon Surgery • MRSA • CDI	CMS Hospital Compare (based on unnormalized HAI data)	1/1/2023 - 12/31/2023
AHRQ PSI 90	CMS Hospital Compare	7/1/2021 – 6/30/2023
Sepsis Management	CMS Hospital Compare	1/1/2023 - 12/31/2023
Patient Experience HCAHPS Score • Nurses always communicated well • Doctors always communicated well • Always received help as soon as wanted • Staff always explained about medicines • Patients understood their care when they left the hospital	CMS Hospital Compare	1/1/2023 - 12/31/2023
Hospital Letter Grade	Leapfrog Hospital Safety Grades	Average GPA from the last three reporting periods (Fall 2023, Spring 2024, Fall 2024)