

## 2023 Patient Safety Honor Roll Methodology

The Cal Hospital Compare (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 (*see Table 1*). To be included in the algorithmic method, hospitals must have scores for at least 8 of the 12 measures.

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 10<sup>th</sup> 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. “Above the 50<sup>th</sup> percentile” means that the hospital’s rate was below the 50<sup>th</sup> percentile of all hospitals’ rates.

In total, 347 acute care hospitals were considered for Honor Roll status. 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 82 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.

Table 1: CHC Patient Safety Honor Roll Measurement Details

Domain	Source	Measurement Period
Healthcare Associated Infections <ul style="list-style-type: none"> <li>• CLABSI</li> <li>• CAUTI</li> <li>• SSI Colon Surgery</li> <li>• MRSA</li> <li>• CDI</li> </ul>	CMS Hospital Compare (based on unnormalized data)	4/1/2021 - 3/31/2022
AHRQ PSI 90	CMS Hospital Compare	7/1/2019 – 6/30/2021
Sepsis Management	CMS Hospital Compare	4/1/2021 - 3/31/2022
Patient Experience HCAHPS Score <ul style="list-style-type: none"> <li>• Nurses always communicated well</li> <li>• Doctors always communicated well</li> <li>• Always received help as soon as wanted</li> <li>• Staff always explained about medicines</li> <li>• Patients understood their care when they left the hospital</li> </ul>	CMS Hospital Compare	4/1/2021- 3/31/2022
Hospital Letter Grade	Leapfrog Hospital Safety Grades	Average GPA from the last 3 reporting periods (Fall 2021, Spring 2022, Fall 2022)