

## Serious Safety Event Rate (SSER) requires a new chart type as this measure is based on a rolling 12-month rate

The SSER is calculated as a rolling 12-month rate and is represented by the blue line in the SSER chart.

The SSER for a given month will only display if there are 12 consecutive months of data (i.e. current month plus 11 months prior) and missing data will result in gaps in the rolling 12-month rate (ex. Sep 2023). Only in cases where a hospital experiences twelve months without any serious safety events will they achieve an SSER = 0.

This chart type does not allow for Network or Hospital specific centerlines or control limits.



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## Additional Considerations:

- The purpose of this chart is to capture the 12-month trend over time instead of any single month's rate which may fluctuate significantly due to the intermittent frequency of SSE. As a result, a hospital can determine baseline safety performance and track effectiveness of efforts to improve. While the intent of using 12 months is to smooth out the SSER, this smoothing may make identifying the timing around increases/decreases more difficult. Interpretation of a trend in the rolling 12-month SSER should be evaluated in conjunction with the count of events over time. In addition, smoothing can prolong detection of changes.