



SPRING 2021 LEAPFROG HOSPITAL SAFETY GRADE

REPORTING PERIODS AND DATA SOURCES

Measure Name	Leapfrog Measure Name	Primary Data Source	Data Collection Period	Secondary Data Source	Data Collection Period
Category 1: Infections					
MRSA Infection	MRSA	2019 Leapfrog Hospital Survey or 2020 Leapfrog Hospital Survey	07/01/2018 – 06/30/2019 or 01/01/2019 – 12/31/2019	CMS	01/01/2019 – 12/31/2019
C. diff Infection	C. Diff.	2019 Leapfrog Hospital Survey or 2020 Leapfrog Hospital Survey	07/01/2018 – 06/30/2019 or 01/01/2019 – 12/31/2019	CMS	01/01/2019 – 12/31/2019
Infection in the blood	CLABSI	2019 Leapfrog Hospital Survey or 2020 Leapfrog Hospital Survey	07/01/2018 – 06/30/2019 or 01/01/2019 – 12/31/2019	CMS	01/01/2019 – 12/31/2019
Infection in the urinary tract	CAUTI	2019 Leapfrog Hospital Survey or 2020 Leapfrog Hospital Survey	07/01/2018 – 06/30/2019 or 01/01/2019 – 12/31/2019	CMS	01/01/2019 – 12/31/2019
Surgical site infection after colon surgery	SSI: Colon	2019 Leapfrog Hospital Survey or 2020 Leapfrog Hospital Survey	07/01/2018 – 06/30/2019 or 01/01/2019 – 12/31/2019	CMS	01/01/2019 – 12/31/2019

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Category 2: Problems with Surgery					
Dangerous object left in patient's body	Foreign Object Retained	CMS	07/01/2017 – 06/30/2019	N/A	N/A
Surgical wound splits open	PSI 14: Postoperative Wound Dehiscence Rate	CMS	07/01/2017 – 06/30/2019	N/A	N/A
Death from serious treatable complications	PSI 4: Death Rate among Surgical Inpatients with Serious Treatable Conditions	CMS	07/01/2017 – 06/30/2019	N/A	N/A
Collapsed lung	PSI 6: Iatrogenic Pneumothorax Rate	CMS	07/01/2017 – 06/30/2019	N/A	N/A
Serious breathing problem	PSI 11: Postoperative Respiratory Failure Rate	CMS	07/01/2017 – 06/30/2019	N/A	N/A
Dangerous blood clot	PSI 12: Perioperative PE/DVT Rate	CMS	07/01/2017 – 06/30/2019	N/A	N/A
Accidental cuts and tears	PSI 15: Unrecognized Abdominopelvic Accidental Puncture/Laceration Rate	CMS	07/01/2017 – 06/30/2019	N/A	N/A
Category 3: Practices to Prevent Errors					
Doctors order medications through a computer	Computerized Physician Order Entry (CPOE)	2019 Leapfrog Hospital Survey or 2020 Leapfrog Hospital Survey	2019 or 2020	Imputation Model ⁱ	N/A
Safe medication administration	Bar Code Medication Administration (BCMA)	2019 Leapfrog Hospital Survey or 2020 Leapfrog Hospital Survey	2019 or 2020	Imputation Model ⁱ	N/A
Handwashing	Safe Practice 19: Hand Hygiene Or Hand Hygiene	2019 Leapfrog Hospital Survey or	2019 or 2020	N/A	N/A

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		2020 Leapfrog Hospital Survey			
Communication about medicines	H-COMP-5: Communication about Medicines	CMS	01/01/2019 – 12/31/2019	N/A	N/A
Communication about discharge	H-COMP-6: Discharge Information	CMS	01/01/2019 – 12/31/2019	N/A	N/A
Staff work together to prevent errors	Safe Practice 2: Culture Measurement, Feedback & Intervention	2019 Leapfrog Hospital Survey or 2020 Leapfrog Hospital Survey	2019 or 2020	N/A	N/A
Category 4: Safety Problems					
Dangerous bed sores	PSI 3: Pressure Ulcer Rate	CMS	07/01/2017 – 06/30/2019	N/A	N/A
Patient falls	Falls and Trauma	CMS	07/01/2017 – 06/30/2019	N/A	N/A
Air or gas bubble in the blood	Air Embolism	CMS	07/01/2017 – 06/30/2019	N/A	N/A
Category 5: Doctors, Nurses & Hospital Staff					
Effective leadership to prevent errors	Safe Practice 1: Leadership Structures and Systems	2019 Leapfrog Hospital Survey or 2020 Leapfrog Hospital Survey	2019 or 2020	N/A	N/A
Enough qualified nurses	Safe Practice 9: Nursing Workforce	2019 Leapfrog Hospital Survey or 2020 Leapfrog Hospital Survey	2019 or 2020	N/A	N/A
Specially trained doctors care for ICU patients	ICU Physician Staffing (IPS)	2019 Leapfrog Hospital Survey	2019 or	Imputation Model ¹	N/A



Measure Name	Leapfrog Measure Name	Primary Data Source	Data Collection Period	Secondary Data Source	Data Collection Period
		or 2020 Leapfrog Hospital Survey	2020		
Communication with doctors	H-COMP-2: Doctor Communication	CMS	01/01/2019 – 12/31/2019	N/A	N/A
Communication with nurses	H-COMP-1: Nurse Communication	CMS	01/01/2019 – 12/31/2019	N/A	N/A
Responsiveness of hospital staff	H-COMP-3: Staff Responsiveness	CMS	01/01/2019 – 12/31/2019	N/A	N/A

¹ The Leapfrog Group was recently notified that the American Hospital Association (AHA) will not renew our data license in December. Therefore, beginning with the Spring 2021 Safety Grade, AHA Survey and IT Supplement data can no longer be used as a secondary data source to calculate scores for the following three measures: ICU Physician Staffing, Computerized Physician Order Entry (CPOE), and Bar Code Medication Administration (BCMA). This change will only affect hospitals that do not submit a Leapfrog Hospital Survey.

Leapfrog’s National Expert Panel and a team at Mathematica are reviewing and testing several alternative methods for scoring the three measures for hospitals that do not submit the Leapfrog Hospital Survey. We will announce the methodology later this year, and it will be used to calculate Spring 2021 Safety Grades for hospitals that have not submitted a Leapfrog Hospital Survey by December 31, 2020, the Late Submission Deadline. Hospitals that would like their current performance on the ICU Physician Staffing, CPOE, and BCMA measures included in the Spring 2021 Hospital Safety Grade, should submit a Leapfrog Hospital Survey by December 31. As a reminder, due to COVID-19, Leapfrog made several one-time-only changes to the Survey that significantly reduced submission requirements this year.

Please contact the [Help Desk](#) if you have questions about submitting a Leapfrog Hospital Survey. Please contact the AHA if you have questions about your AHA Annual Survey and/or IT Supplement data.