



Maryland Hospital Performance Update

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CHIEF, HOSPITAL QUALITY INITIATIVES



Background

- ▶ National hospital rating systems measure various aspects of healthcare quality
 - ▶ Examples: Overall quality, Patient safety, Common conditions, Specialty care
- ▶ There is no gold standard for rating hospitals
 - ▶ Each system has a slightly different goal
 - ▶ Wide variation in methodologies
- ▶ Well known systems include:
 - ▶ **Leapfrog Hospital Safety Grades, CMS Overall Star Ratings, US News and World Reports Best Hospitals, Healthgrades America's Best Hospitals, Commonwealth Fund (not limited to hospitals), etc**
- ▶ Rating formats vary
 - ▶ Examples: Stars, letter grades, lists, rankings



Leapfrog Hospital Safety Grades

- ▶ Primary focus is Patient Safety
 - ▶ 30+ performance measures used to calculate a single letter grade **A-F**
 - ▶ Measures include: Errors, accidents, injuries, infections, etc.
- ▶ Data Sources
 - ▶ CMS Care Compare, Leapfrog Hospital Survey
- ▶ Hospitals are graded twice a year (Spring and Fall)



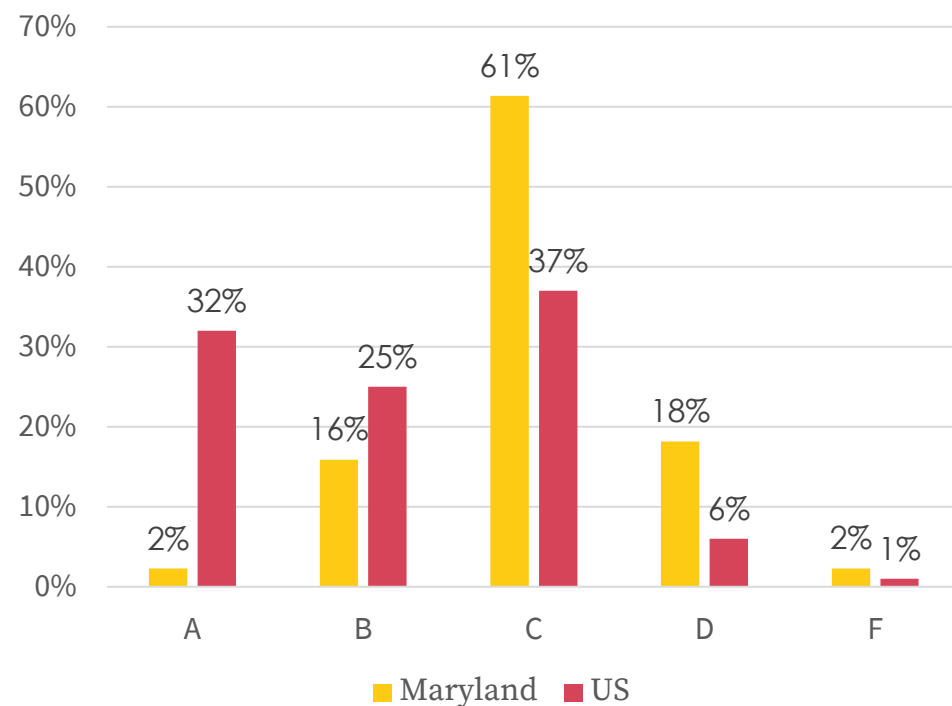
Leapfrog Hospital Safety Grades - History

- ▶ Leapfrog began grading hospitals in 2012
- ▶ Maryland hospitals did not receive grades
 - ▶ Non-participant in CMS Inpatient Prospective Payment System
 - ▶ Not enough reliable, publicly available data to calculate grades for Maryland
- ▶ MHCC worked with Leapfrog to calculate Patient Safety Indicators (PSI) and Hospital Acquired Conditions (HAC)
 - ▶ Maryland hospitals received initial grades in Fall 2017

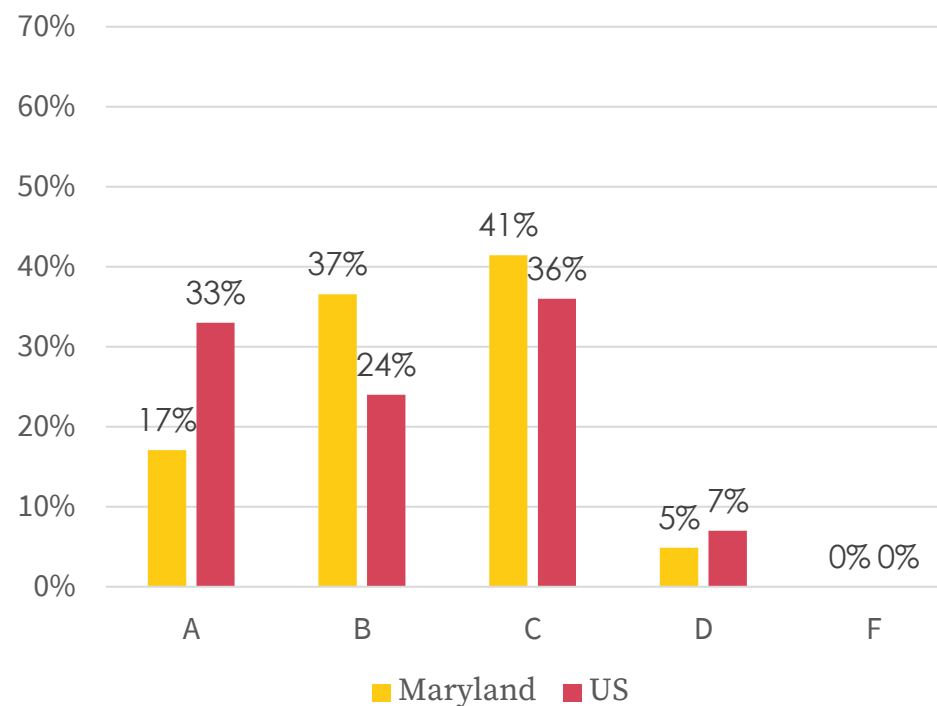


Maryland Performance

Fall 2017



Spring 2022





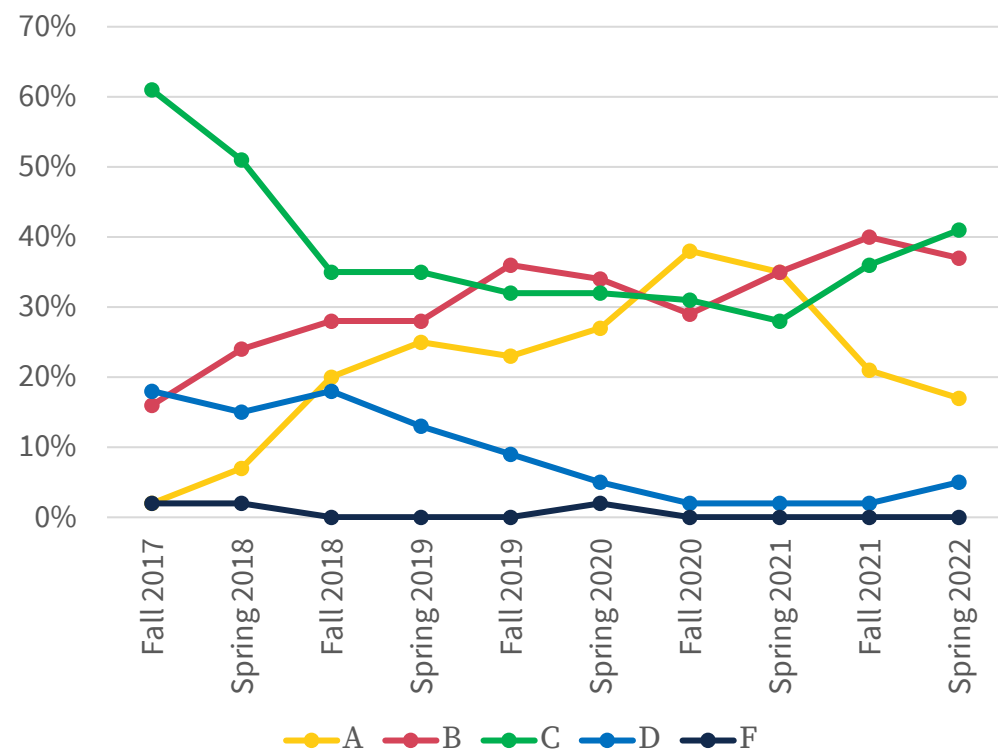
Leapfrog Trends – 2017-Present

Grading Cycle	% A Hospitals (Maryland)	% A Hospitals (US)	National Rankings
Fall 2017	2%	32%	4 th from the bottom
Spring 2018	7%	30%	47
Fall 2018	20%	32%	38
Spring 2019	25%	32%	30
Fall 2019	23%	33%	38
Spring 2020	27%	33%	16
Fall 2020	38%	34%	No rankings available
Spring 2021	35%	33%	16
Fall 2021	21%	32%	35
Spring 2022	17%	33%	39

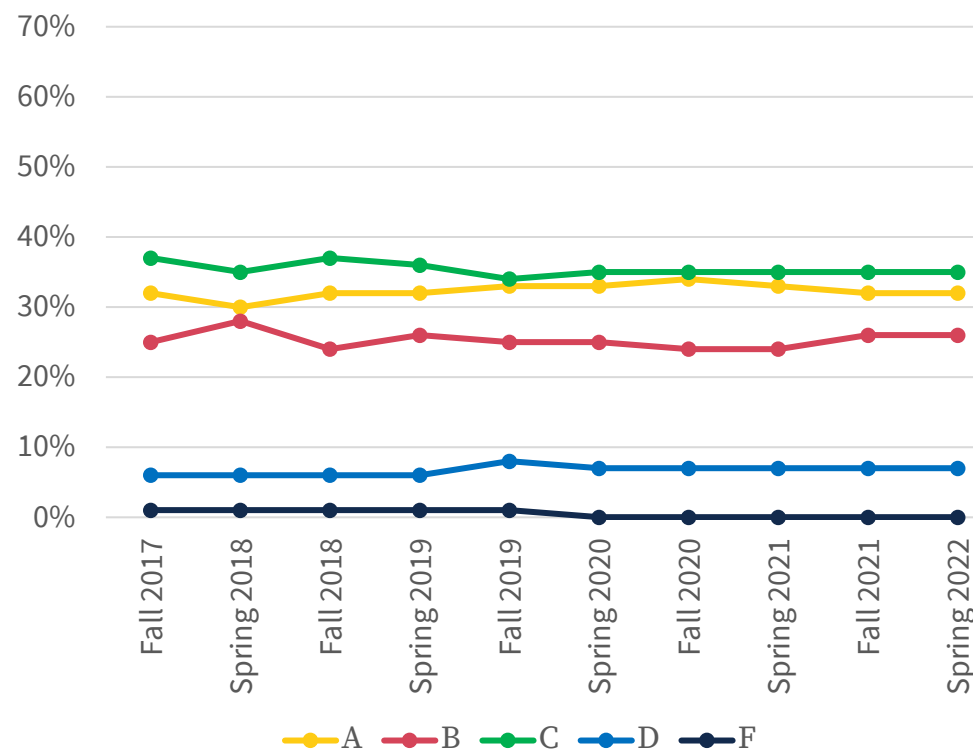


State and National Comparisons

Maryland



US



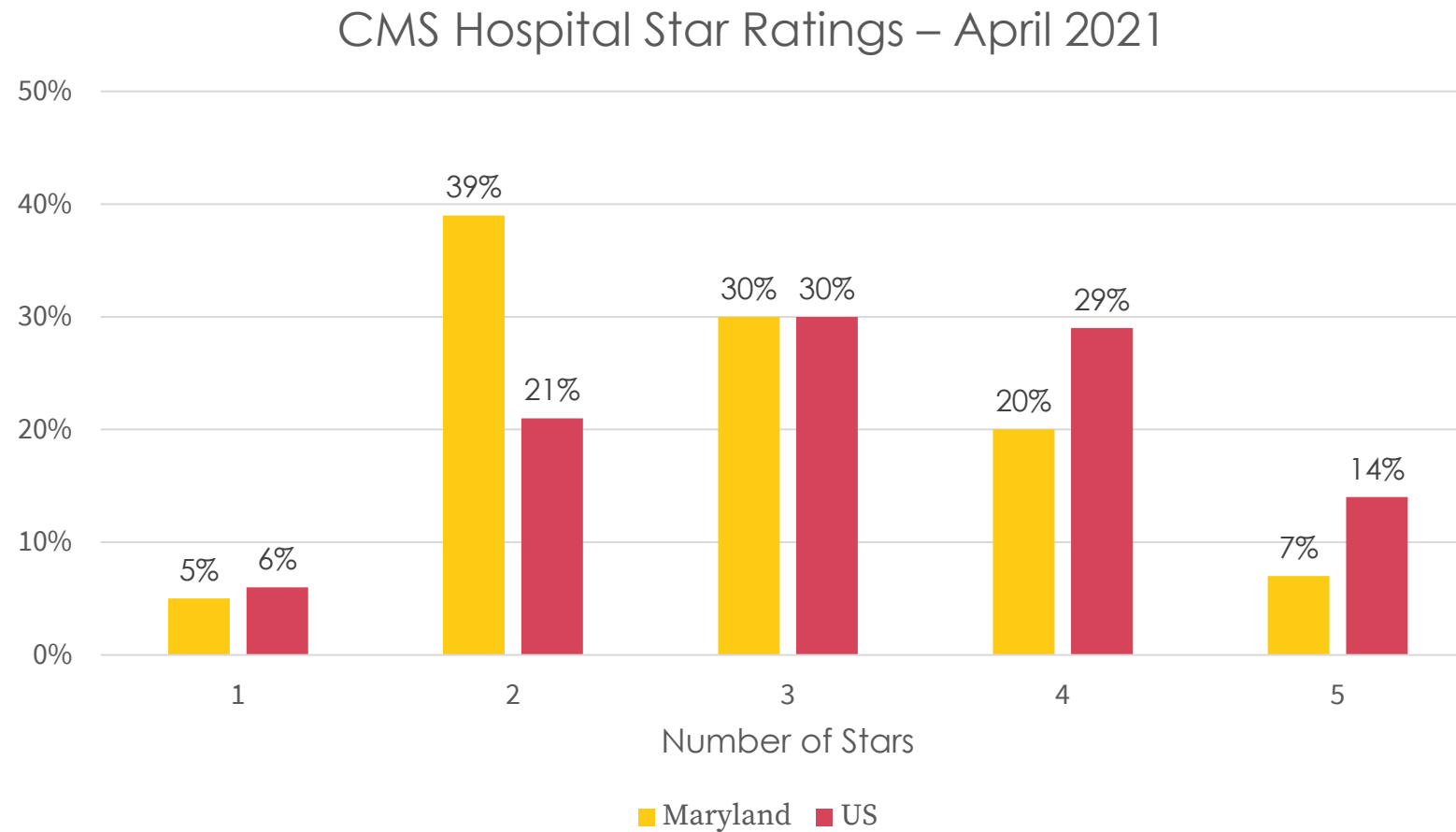


CMS Overall Hospital Quality Star Ratings

- ▶ Summarizes a variety of measures into a single star rating 1-5 (5 is the best)
 - ▶ Measures groups include:
 - ▶ Mortality
 - ▶ Safety of Care
 - ▶ Readmission
 - ▶ Patient Experience
 - ▶ Timely and Effective Care
- ▶ Star Ratings are released annually (most current is from April 2021)
- ▶ Next release expected July 2022
 - ▶ New methodology



Most Recent Results – State and National Comparisons





Most Recent Results – Rankings

- ▶ **National:** Maryland ranks **40th out of 55** states and territories by percent of 5-star hospitals
- ▶ **Regional:** Maryland ranks **4th out of 6** surrounding states and territories by percent of 5-star hospitals
 - ▶ Pennsylvania – 16%
 - ▶ Virginia – 11%
 - ▶ West Virginia – 9%
 - ▶ Maryland – 7%
 - ▶ District of Columbia – 0%
 - ▶ Delaware – 0%
- ▶ **State:** No in-state regional trends to report



Comparison of Results

CMS Star Ratings – April 2021	Leapfrog Hospital Safety Grades – Fall 2020							Total
	A	B	C	D	F	Not Graded*		
5	2	1	0	0	0	0	3	
4	4	3	1	0	0	1	9	
3	6	4	3	0	0	0	13	
2	3	4	9	0	0	1	17	
1	0	0	0	1	0	0	1	
Not Rated*	1	0	0	0	0	1	2	
Total	16	12	13	1	0	3	45	

*Not all hospitals had enough data to calculate a safety grade and/or a star rating



Role of MHCC

- ▶ Transparency and accountability through public reporting
- ▶ Collaboration with other agencies
 - ▶ HSCRC, MHA, MPSC, QIOs, etc.
- ▶ Facilitate improvement through:
 - ▶ Peer-to-peer webinars (e.g., HAI best practices)
 - ▶ Additional data collection (e.g., HCAHPS detailed-level data collection)



Appendix

DETAILED LISTING OF MOST
CURRENT LEAPFROG HOSPITAL
SAFETY GRADES AND CMS
OVERALL STAR RATINGS



Leapfrog Hospital Safety Grades – Spring 2022

A	B	C	D	F
<ul style="list-style-type: none"> • Garrett Regional Medical Center • Luminis Health Anne Arundel Medical Center • MedStar St. Mary’s Hospital • Mercy Medical Center • The Johns Hopkins Hospital • UM Shore Medical Center at Easton • UM St. Joseph Medical Center 	<ul style="list-style-type: none"> • Christiana Care Union Hospital • Doctors Community Medical Center • Holy Cross Germantown Hospital • Howard County General Hospital • Johns Hopkins Bayview Medical Center • MedStar Franklin Square Medical Center • MedStar Good Samaritan Hospital • MedStar Montgomery Medical Center • MedStar Union Memorial Hospital • Suburban Hospital • TidalHealth Peninsula Regional • UM BWMC • UM Harford Memorial Hospital • UM Medical Center • UM Medical Center – Midtown 	<ul style="list-style-type: none"> • Adventist HealthCare Fort Washington Medical Center • Adventist HealthCare Shady Grove Medical Center • Adventist HealthCare White Oak Medical Center • Ascension Saint Agnes Hospital • Atlantic General Hospital • CalvertHealth Medical Center • Carroll Hospital Center • Frederick Health Hospital • Greater Baltimore Medical Center • Holy Cross Hospital • MedStar Harbor Hospital • MedStar Southern Maryland Hospital Center • Meritus Medical Center • Sinai Hospital of Baltimore • UM Charles Regional Medical Center • UM Upper Chesapeake Medical Center • UPMC Western Maryland 	<ul style="list-style-type: none"> • Northwest Hospital • UM Capital Region Medical Center 	<p>None</p>



CMS Overall Hospital Quality Star Ratings – April 2021

5 stars	4 stars	3 stars	2 stars	1 star
<ul style="list-style-type: none"> Howard County General Hospital Mercy Medical Center UM St. Joseph Medical Center 	<ul style="list-style-type: none"> Atlantic General Hospital CalvertHealth Medical Center Garrett Regional Medical Center Luminis Health Anne Arundel Medical Center MedStar St. Mary's Hospital MedStar Union Memorial Hospital Suburban Hospital The Johns Hopkins Hospital TidalHealth Peninsula Regional 	<ul style="list-style-type: none"> Adventist HealthCare Shady Grove Medical Center Adventist HealthCare White Oak Medical Center Northwest Hospital Holy Cross Germantown Hospital Johns Hopkins Bayview Medical Center MedStar Good Samaritan Hospital Frederick Health Hospital Greater Baltimore Medical Center MedStar Montgomery Medical Center Meritus Medical Center UM Medical Center – Midtown UM Shore Medical Center – Chestertown UM Shore Medical Center - Easton 	<ul style="list-style-type: none"> Adventist Healthcare Fort Washington Medical Center Carroll Hospital Center Doctors Community Medical Center Grace Medical Center Holy Cross Hospital MedStar Franklin Square Medical Center MedStar Harbor Hospital MedStar Southern Maryland Medical Center Sinai Hospital of Baltimore St. Agnes Hospital Union Hospital UM BWMC UM Charles Regional Medical Center UM Harford Memorial Hospital UMMC UM Upper Chesapeake Medical Center UPMC Western Maryland 	<ul style="list-style-type: none"> UM Capital Region Medical Center