



MARYLAND
Health Care
Commission

Certificate of Ongoing Performance for Cardiac Surgery Services

MEDSTAR UNION MEMORIAL HOSPITAL (MUMH)

MARCH 16, 2023



Staff Analysis and Conclusions

Summary of Standard	Applicant Information and Staff Analysis	Recommend Finding Hospital Complies with the Standard
<p>Program shall participate in uniform data collection and reporting through participation in the STS-ACSD.</p>	<p>The hospital complied with the submission of data to the STS-ACSD and to MHCC in accordance with the established schedule.</p>	<p>Yes</p>
<p>The chief executive officer of the hospital shall certify upon request by the Commission that the hospital fully complies with each requirement for conducting and completing specified quality assurance activities.</p>	<p>A letter signed by the CEO was provided, certifying the hospital's full compliance with each requirement related to quality assurance activities.</p>	<p>Yes</p>
<p>Program shall demonstrate that it has taken appropriate action in response to each concern identified through its quality assurance processes.</p>	<p>The hospital conducted monthly performance improvement committee meetings, monthly cardiac service line meetings, and both internal and external morbidity and mortality meetings; information was provided regarding the actions taken in response to quality concerns identified.</p>	<p>Yes</p>



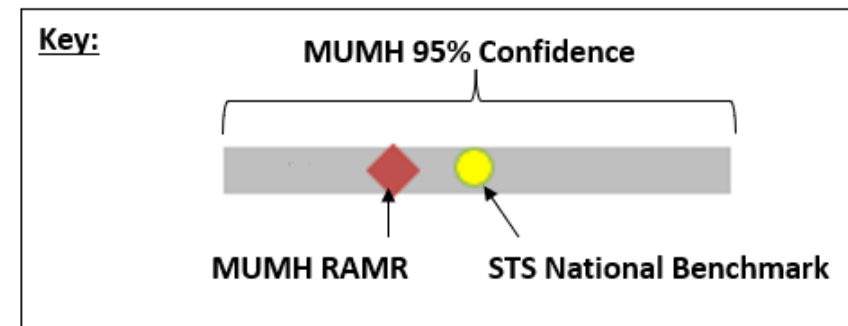
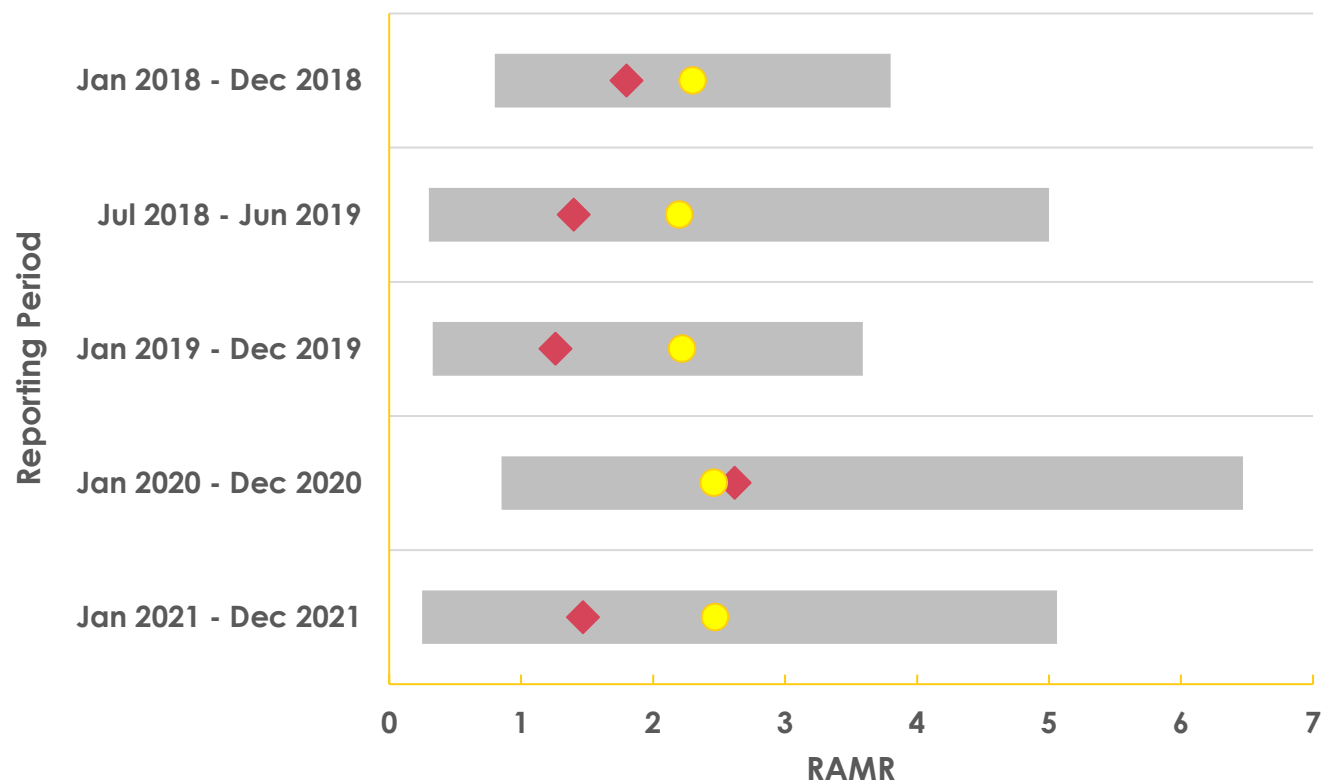
Table 1: MUMH's Cardiac Surgery Volume, Isolated CABG Volume, and Composite STS Star Ratings for CABG, by Reporting Period

Reporting Period	Composite Star Rating ¹	Total Isolated CABG Cases Included ²	Total Cardiac Surgery Volume ³	Estimated Percentage of Cardiac Surgery Cases Included in CABG Star Rating
Jan 2018 - Dec 2018		342	518	66.0%
Jul 2018 - Jun 2019		315	441	71.4%
Jan 2019 - Dec 2019		281	431	65.2%
Jul 2019 - Jun 2020		222	391	56.8%
Jan 2020 - Dec 2020		223	339	65.8%
Multi-Year Comparisons				
Jul 2018 - Jun 2021		746	1,157	64.5%
Jan 2019 - Dec 2021		676	1,066	63.4%
Jul 2019- Jun 2022		613	1,023	59.9%

Source: MHCC compilation of information submitted by MUMH and analysis of HSCRC discharge data.



Figure 1: All-Cause 30-Day Risk-Adjusted Mortality Rates (RAMR) for Isolated CABG: MUMH Compared to the National Average for All Cardiac Surgery Programs by Reporting Period



Source: MHCC staff compilation of STS reports provided directly to MHCC.



Staff Analysis and Conclusions

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Hospital shall maintain an STS-ACSD composite score for isolated CABG cases of two stars or higher.	The hospital received ratings of two stars or higher for the 12-month reporting periods between January 2018 and December 2020; The hospital received a three-star rating for each three-year period available.	Yes
Maintain an all-cause 30-day risk-adjusted mortality rate for CABG cases that is consistent with high quality care.	The hospital's risk-adjusted mortality rate for isolated CABG cases was similar to the national average in all reporting periods; it did not significantly differ statistically from the national average for STS registry participants.	Yes
Program shall maintain an annual volume of 200 or more cardiac surgery cases.	The hospital reported performing well over 200 cardiac surgery cases from CY 2018 - CY 2022. Staff analysis indicates the hospital performed 518 cases in CY 2018, 431 cases in CY 2019, 339 cases in CY 2020, and 296 cases in CY 2021.	Yes



Recommendation

The Executive Director of the Maryland Health Care Commission recommends that the Commission issue a Certificate of Ongoing Performance that permits Medstar Union Memorial Hospital to continue providing cardiac surgery services for the next four years.