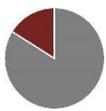


MEDITECH 6.x Hospitals Outperform Cerner, Epic and MEDITECH MAGIC and C/S Hospitals on CMS Quality and Value Measures



Hospitals that use MEDITECH’s EHR outperform those using Cerner and Epic on CMS Quality and Value measures. MEDITECH hospitals that are on the 6.x platforms demonstrated better outcomes than hospitals on Cerner and Epic as well as those on the MEDITECH MAGIC and C/S platforms. These findings come from the CMS database and use MU attestation and EHR data, as provided by Definitive Healthcare, to validate each hospital’s EHR, according to research conducted by Navin, Haffty & Associates.

Below is a summary of the results using FY2016 data. Highlights include:



Only 18.1% of hospitals using MEDITECH 6.x had a Medicare penalty resulting from being in the bottom quartile of hospitals in risk-adjusted Hospital Acquired Conditions (HAC) quality measures, while a greater percentage of hospitals using Cerner (23.7%), Epic (29.3%) and those using MEDITECH MAGIC and C/S (18.7%) were impacted by this penalty.



When it comes to Value Based Purchasing adjustments, the greatest percentage of MEDITECH 6.x hospitals had a positive adjustment, and the smallest percentage of 6.x hospitals had a negative adjustment. MEDITECH 6.x hospitals fared better than MEDITECH MAGIC and C/S hospitals. MEDITECH 6.x, MAGIC and C/S hospitals all outperformed both Cerner and Epic hospitals in positive and negative adjustments.



While there was a smaller difference between the percentage of hospitals impacted by readmission penalties, a greater percentage of Cerner and Epic hospitals had a penalty than did MEDITECH MAGIC and C/S hospitals, and the lowest percentage of MEDITECH 6.x hospitals had a penalty.

The table below provides the number of hospitals in the study and presents the number impacted by category. Hospitals that provided data to CMS for one but not all categories were included only in the adjustment statistics for categories in which they provided data. MEDITECH hospitals are broken out by platform to clarify the results of hospitals on the 6.x platforms versus those on the MAGIC and C/S platforms.

EHR	Total	FY2016 Hospital Acquired Condition Penalty		FY2016 Positive Value-Based Purchasing Adjustment		FY2016 Negative Value-Based Purchasing Adjustment		FY2016 Readmission Penalty	
		#	% EHR Hospitals	#	% EHR Hospitals	#	% EHR Hospitals	#	% EHR Hospitals
Cerner	570	135	23.7%	284	51.9%	261	47.7%	470	82.7%
Epic	785	230	29.3%	454	59.4%	306	40.1%	642	82.3%
MEDITECH - 6.x	140	25	18.1%	89	67.9%	42	32.1%	109	77.9%
MEDITECH - MAGIC and C/S	580	108	18.7%	335	59.8%	220	39.3%	463	80.2%

While correlation does not necessarily imply causation, these are statistically significant findings and may dispel the notion that greater spending on an EHR translates into improved quality measures and related financial performance.

Of the ten hospitals with the largest negative financial impact, seven run Epic, and three utilize Cerner. The largest projected penalty: nearly \$8 million for Florida Hospital Orlando, a Cerner hospital. The second largest: over \$5 million for Yale-New Haven Hospital of New Haven, Connecticut, which utilizes Epic.

When Navin, Haffty & Associates began this research, we sought to identify those MEDITECH hospitals where we could leverage our knowledge and expertise with their software to impact both quality and financial performance. When we found fewer hospitals than expected, we expanded our study to include all of the major EHRs. To understand the impact of MEDITECH’s newer 6.x platform, we further split MEDITECH hospitals into the categories MEDITECH 6.x and MEDITECH MAGIC and C/S. Upon further study, we believe the following reasons might explain the variation between MEDITECH, Cerner and Epic:

- MEDITECH has focused extensively on tools for addressing patient safety and quality. Even its older versions (MAGIC, C/S) have been enhanced to enable maximum patient safety and efficient capture of quality measures. Quality and population health-focused features and functionality in the 6.x platform have further improved patient communication and helped hospitals quickly identify potential patient safety issues.
- While Cerner and Epic have strong advanced clinical tools, it is possible that their complexity distracts from the ability to implement and utilize these tools. As one of the more integrated EHRs and with a track record of interoperability, MEDITECH supports access to and exchange of clinical data more fully than most vendors. The enhanced data exchange capabilities of the 6.x platform further improve communication with patients and providers, both within and outside of your hospital environment.
- While Cerner and Epic tend to have a greater presence at larger hospitals with more resources, smaller hospitals often have a greater focus on meeting quality measures, as they do not have the financial reserves to survive these penalties.

This study omitted hospitals that are not subject to these Medicare penalties, including critical access hospitals, specialty hospitals, DOD and VA hospitals, and a few that did not provide data to CMS. Further, Maryland hospitals are exempt from penalties under their CMS waiver, and hospitals in non-state territories are exempt from the program.