

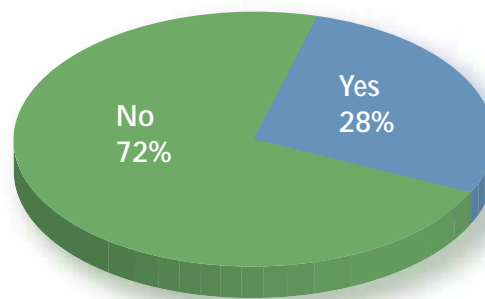
# Computerized Prescriber Order Entry

**Computerized Prescriber Order Entry (CPOE) is the technology** to watch this year. While 28% of hospitals report having CPOE systems in place, just 59% of these hospitals are sending most of their medication orders via CPOE, suggesting that 41% of CPOE users have not yet fully implemented their systems. The satisfaction rates for CPOE reflect a technology in the relatively early stages of adoption. 88% of users report satisfaction with their systems, but very few confer ratings of “excellent,” suggesting further room for improvement.

We expect this improvement will come as an overwhelming majority (83%) of those without CPOE plan to implement such a system in the near future. Acknowledging the effort required to implement CPOE, the majority of hospitals are predicting that their implementation will take a few years.

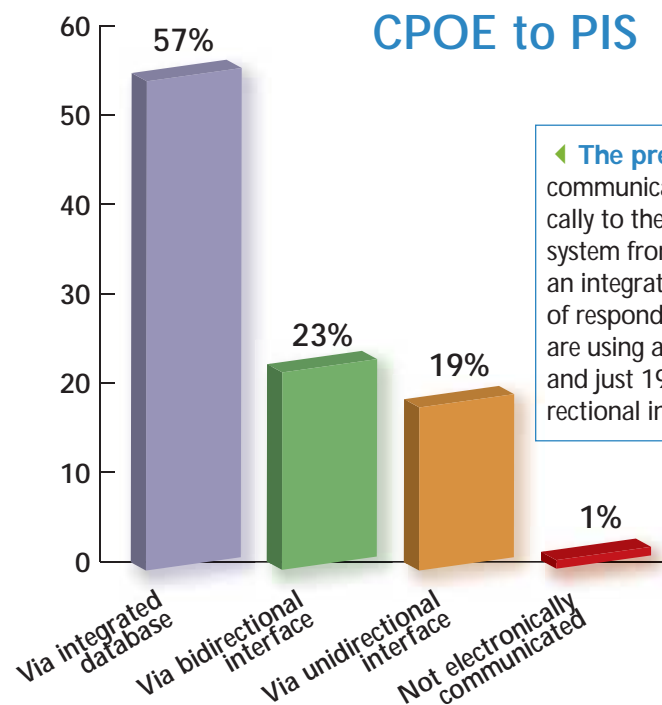
For more information on CPOE vendors, circle number 910 on the reader service card, or visit [www.findit.pppmag.com](http://www.findit.pppmag.com).

## CPOE Systems in Use



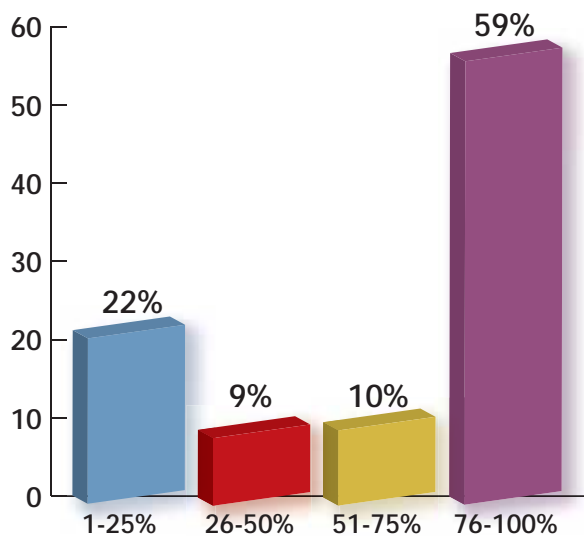
◀ **CPOE adoption** is growing at a rapid rate as 28% of respondents report having implemented CPOE.

## Communication Mode from CPOE to PIS



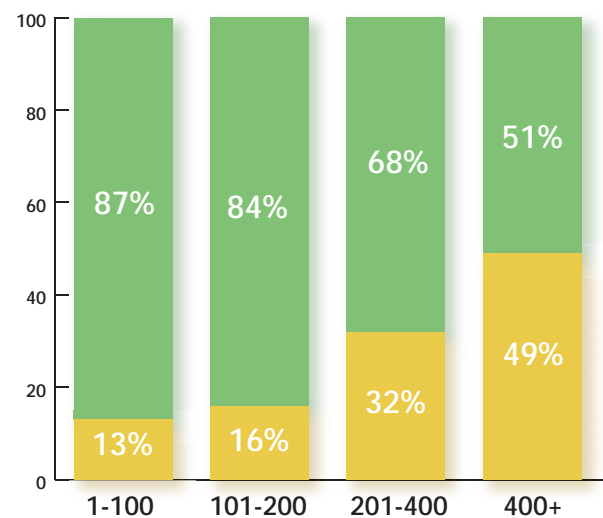
◀ **The preferred approach** for communicating orders electronically to the pharmacy information system from the CPOE system is an integrated database, which 57% of respondents are utilizing. 23% are using a bidirectional interface, and just 19% report using a unidirectional interface.

## Percentage of Medication Orders Sent via CPOE



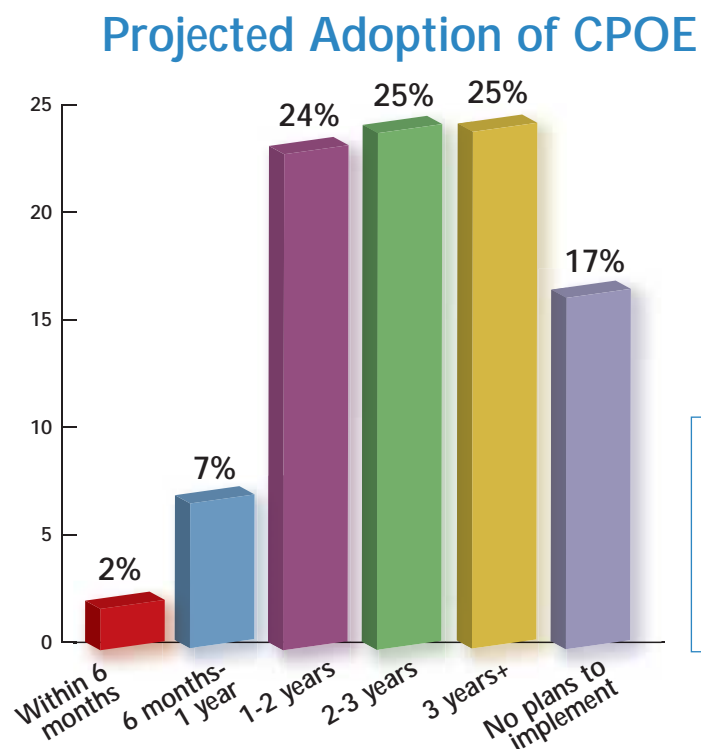
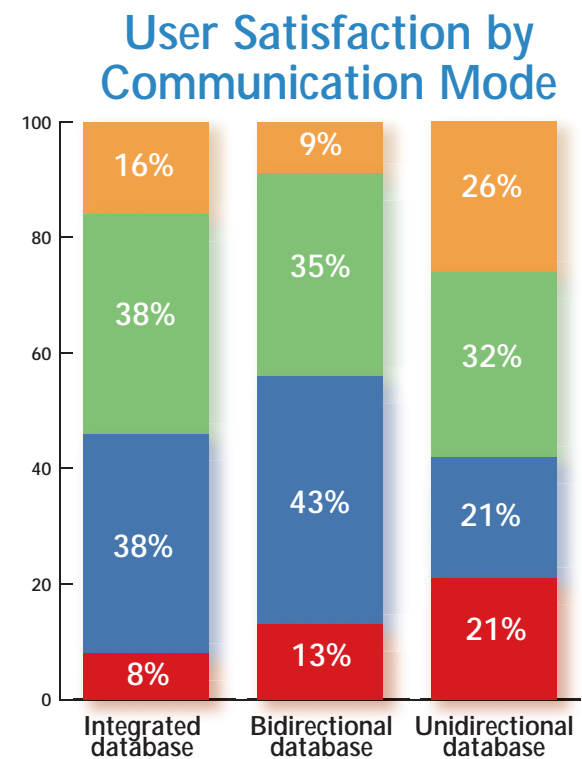
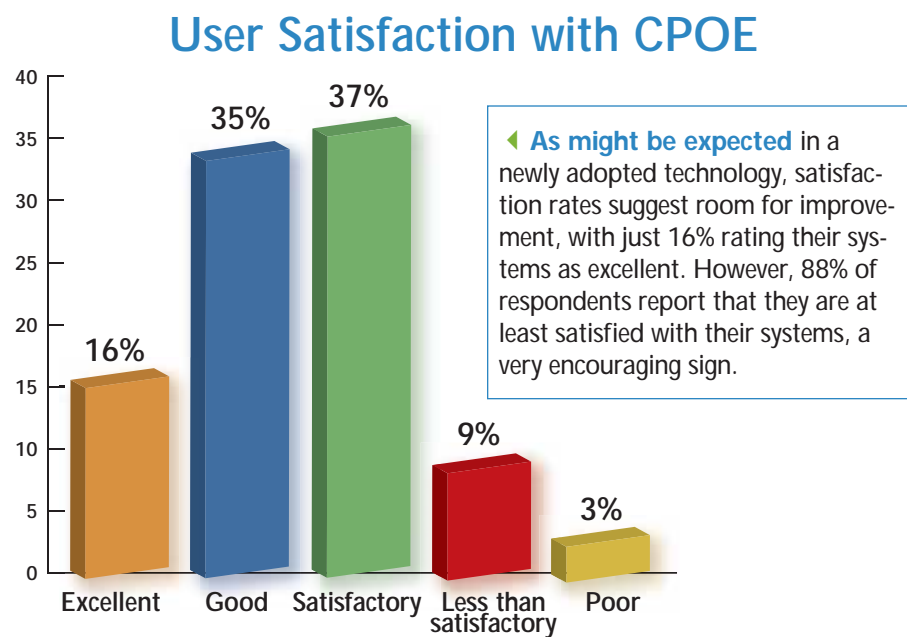
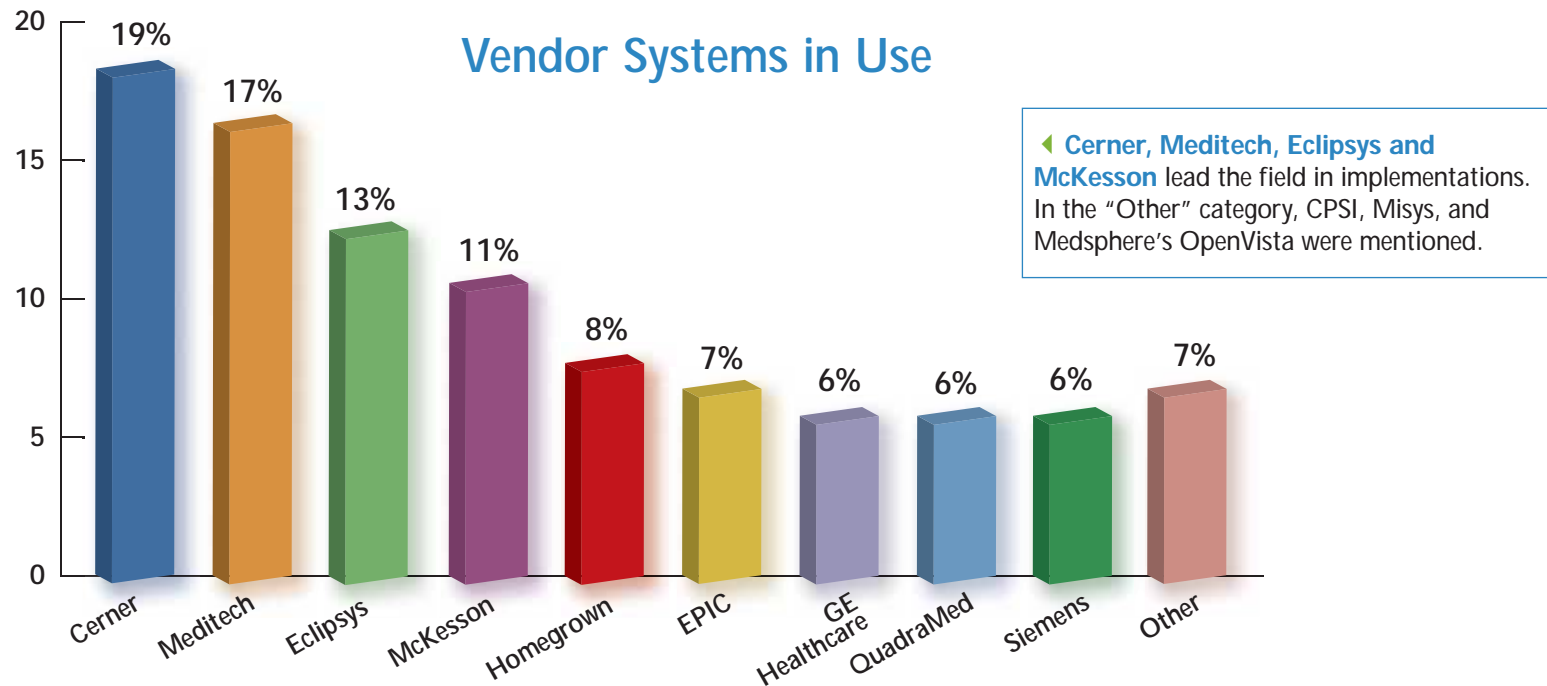
▲ **Of those with CPOE**, the majority (59%) are sending most (76-100%) of their medication orders via their CPOE systems. However, 41% of respondents report that a much smaller percentage of their medication orders are sent to the pharmacy via CPOE, indicating that these implementations are still in the early stages.

## CPOE in Use by Facility Size (in number of beds)



▲ **Not surprisingly**, the largest facilities are the most likely to have CPOE in place. However, it is interesting to note that even among hospitals with fewer than 100 beds, 13% have already instituted CPOE.

# Computerized Prescriber Order Entry



**KEY: Satisfaction**  
 Excellent (Orange)  
 Good (Green)  
 Satisfactory (Blue)  
 Less than satisfactory/poor (Red)

◀ CPOE systems using an integrated database to communicate orders to the PIS have the highest satisfaction rates, followed by systems using a bidirectional database. Interestingly, while systems using a unidirectional database rate lower in overall satisfaction, they have the highest percentage of "excellent" ratings.

◀ An overwhelming majority (83%) plan to implement CPOE in the near term. Demonstrating a healthy respect for the time and effort required to implement CPOE systems, few predict completing that implementation within the year.