

National trends in the safety performance of electronic health record systems from 2009 to 2018.

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<https://psnet.ahrq.gov/issue/national-trends-safety-performance-electronic-health-record-systems-2009-2018>

Researchers measured the safety performance of electronic health record (EHR) systems using simulated medication orders that can lead to [adverse events](#) or death in order to evaluate how well the systems identified these errors, and the mitigating effect of [computerized physician order entry](#) and [clinical decision support](#) (CDS) tools. Safety performance increased moderately over the 10-year study period but there was considerable variation in performance based on the level of decision support (basic or more complex) and EHR vendor; safety risks persist despite EHR implementation.