

Mandatory State HAI Reporting

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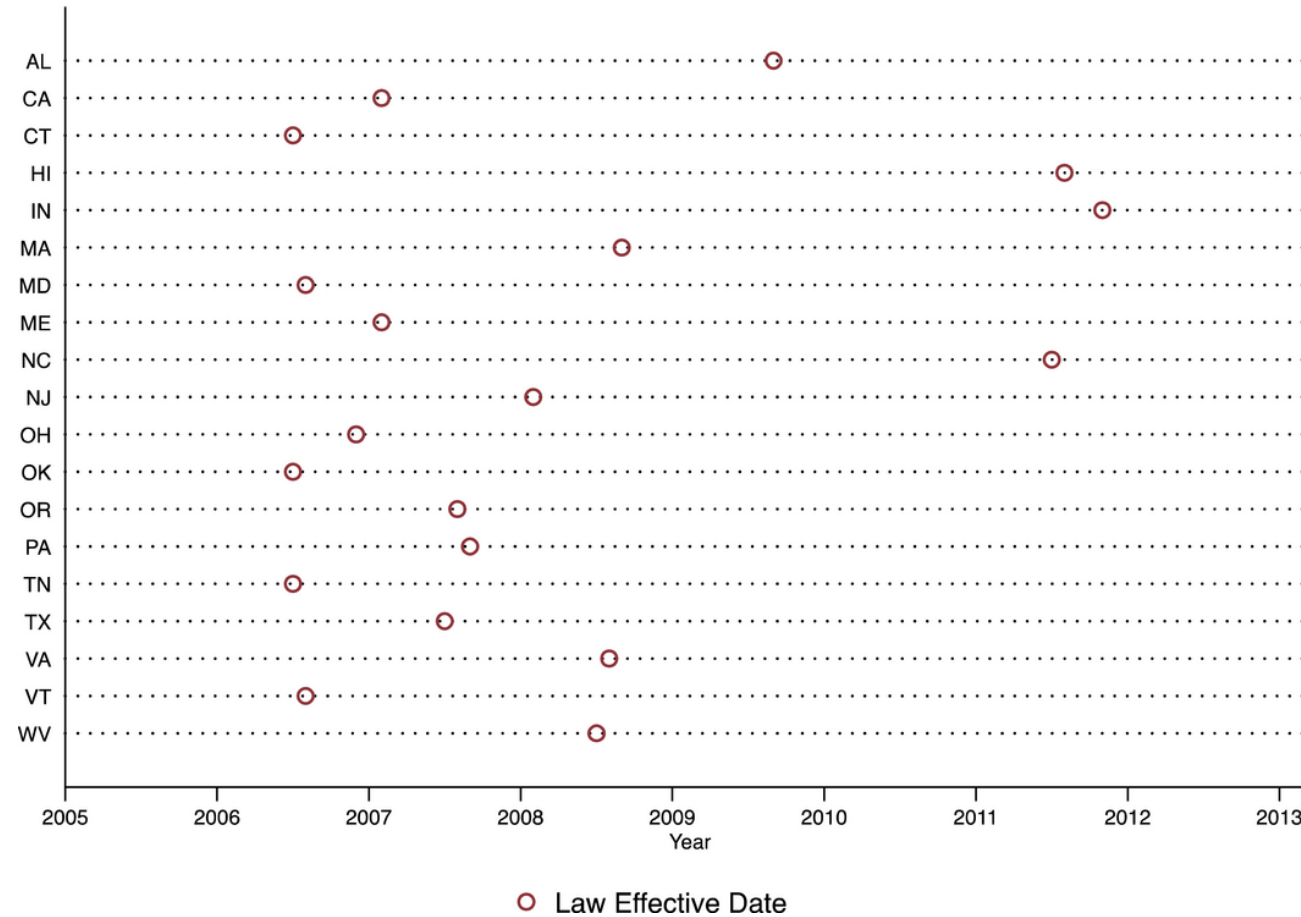
Impact of State Reporting Laws on Central Line–Associated Bloodstream Infection Rates in U.S. Adult Intensive Care Units

- Methods:
 - 2006-2012 NHSN CLABSI data from 475 ICUs across the country
 - Public Health Law research on state mandatory reporting

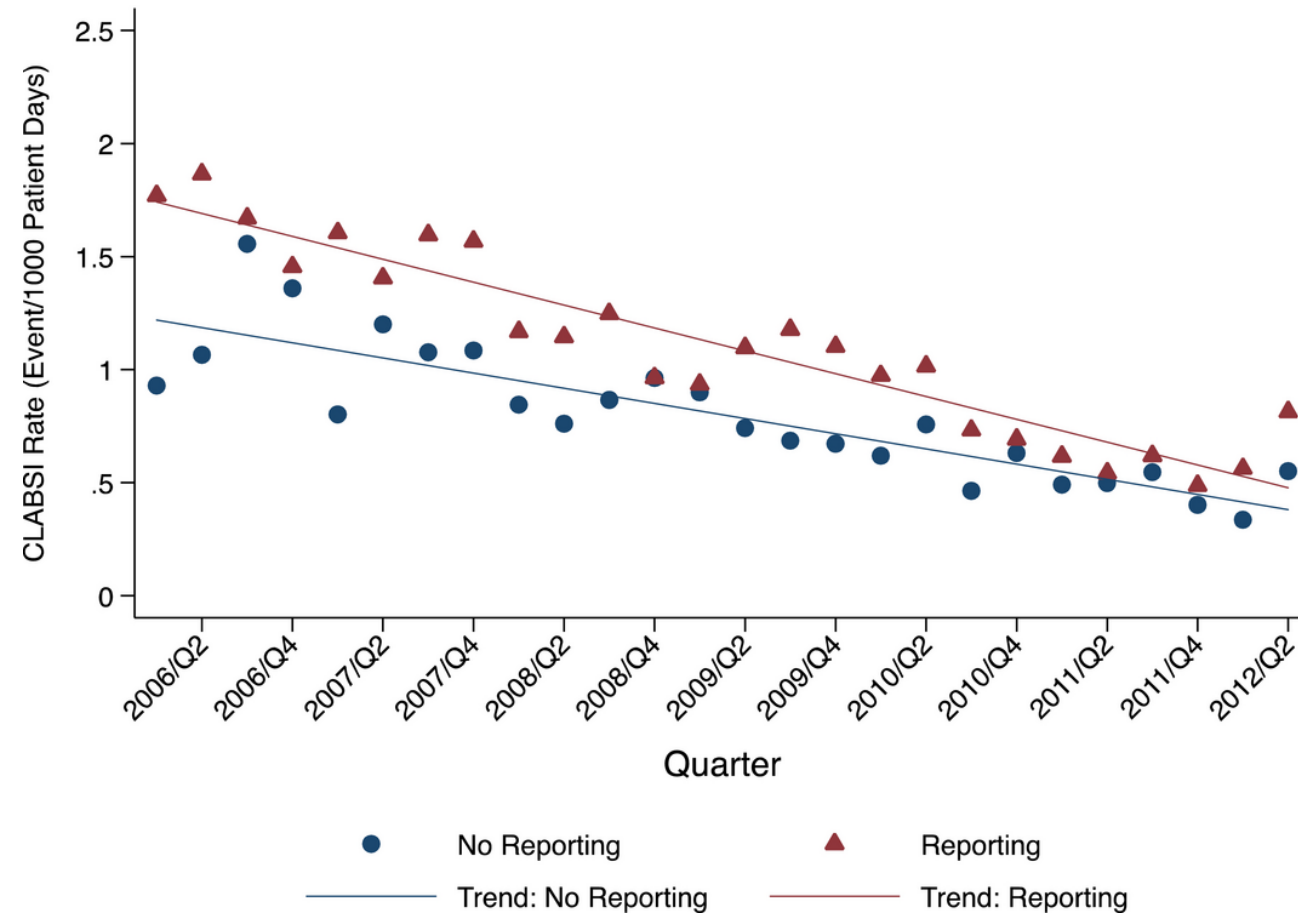


Liu H, Herzig CT, Dick AW, Furuya EY, Larson E, Pogorzelska-Maziarz M, Stone PW. 2017. HSR

Year States Implemented Mandatory Reporting of Hospital CLABSI Rates



Impact of State Reporting Laws on Central Line–Associated Bloodstream Infection Rates in U.S. Adult Intensive Care Units



Results:

- Controlling for overall time trend, ICUs in states with reporting laws had lower CLABSI rates approximately 6 months prior to the law effective date and the effect persisted (IRR 0.66, $p < .001$)
- Results were robust to sensitivity analyses

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Discussion:

- Incentives can be financial or reputational
- This reputational incentive helped
 - Many administrators had financial incentives tied to this (bonuses)

Tensions inherent in the evolving role of the infection preventionist*

- A qualitative study: 19 IPs at 11 hospitals across the nation 2010-2011
- With mandatory reporting came expanded responsibilities and raised profile of IPs, shifting boundaries
- This was associated with uncertainty and tension

*Conway, Raveis, Pogorzelska-Maziarz, Uchida, Stone, Larson, AJIC 2013

Expanding
Responsibilities



IPs' raised profile has garnered executive and clinician support, yet IPs are under-resourced for their expanded responsibilities

Shifting
Boundaries



Shared accountability for preventing infections is essential, but has blurred role boundaries and limited autonomy

Evolving Mechanisms of Influence



Personal interaction and disseminating local data are both effective for driving change, but are competing demands



The responsibility for enforcing compliance with infection prevention policies is at odds with the educator role

Constant
Change



The need for role flexibility and nimbleness is in direct contrast to the need for a dogged approach to solving intractable problems