



## 2017 Most Wired Survey Fact Sheet

### General Background

- 2,158 hospitals are represented in the 698 completed surveys, or roughly 39 percent of U.S. hospitals.
- The online survey was available Jan. 15, 2017, through March 15, 2017.
- Responses represent projects implemented as of March 1, 2017.
- For further results, please see the cover story in the July issue of *Hospitals & Health Networks* magazine at [www.hhnmag.com](http://www.hhnmag.com) or contact [mostwired@aha.org](mailto:mostwired@aha.org).

Teaching status	2017 Respondents	All U.S. hospitals
Nonteaching	52.7	66.8
Teaching	47.3	33.2

Bed size	2017 Respondents	All U.S. hospitals
6-24	6.9	12.0
25-49	15.3	23.3
50-99	14.8	20.0
100-199	22.3	20.1
200-299	14.9	10.2
300-399	9.6	6.0
400-499	6.3	3.3
500 or more	9.9	5.0

Location	2017 Respondents	All U.S. hospitals
Rural	28.1	32.8
Urban	71.9	67.2

By region	2017 Respondents	All U.S. hospitals
New England	4.0	4.1
Middle Atlantic	10.6	8.9
South Atlantic	19.4	15.3
East North Central	17.6	14.8
East South Central	6.3	8.1
West North Central	12.0	12.8
West South Central	10.8	17.2
Mountain	8.7	8.4
Pacific	10.6	10.4



## **2017 Awards**

For the 19th year, *Hospitals & Health Networks* has named the Most Wired Hospitals and Health Systems, which is based on the Most Wired Survey. The 2017 survey results continue to build upon the analytic structure that was implemented in 2010 after two years of redesign. The methodology sets specific requirements in each of four focus areas. If *any* of these requirements is not met, then the organization does not achieve the Most Wired designation. Thus, an organization may have many advanced capabilities, yet not achieve Most Wired status. The four focus areas are:

### **Infrastructure**

- Identity management, access controls and audit capabilities, including automatic log-off
- Data recovery plan testing and disaster recovery restoration capabilities within 72 hours
- Security technology safeguards, including encryption for laptops and mobile device passcodes
- Regular risk analysis, security assessments and penetration testing
- Wireless networks for EHR accessible by clinicians and staff

### **Business and administrative management**

- Expanded use of electronic payer transactions
- Automation of revenue-cycle processes
- Partially automated management systems for supply chain and use of bar code technology
- Quality scores delivered electronically to clinical leaders
- Patient flow automation
- EHR, CPOE, security and privacy training for physicians and nurses
- Human resource management and training systems
- Enterprise decision support and business intelligence

### **Clinical quality and safety (inpatient/outpatient hospital)**

- CPOE for medication, lab and radiology orders
- Use of assistive technology for 5 “rights” with point-of-care medication administration systems in conjunction with an electronic medication administration record (eMAR)
- Routine use of electronic health record by clinicians for patient care including discharge instructions and care plan
- Electronic medication reconciliation
- Physician access to clinical pathways/order sets and medical image review across care settings
- Clinical decision support enabled for drug allergy alerts, drug interaction alerts, drug formulary check and high-priority hospital condition
- Digital clinical imaging/PACS in hospital and clinic
- Electronic recording of quality data
- Electronic recording of infection control data
- Electronic identification of patient-specific education resources



**Clinical integration (ambulatory/physician/patient/community)**

- Patient portal functionality for access to health information
- Physician-office EMR connectivity for clinical documentation and viewing results
- Physician office e-prescribing
- Interoperability of applications within hospital
- Electronically transmit summary care record for transitions of care

The survey will continue to recognize hospitals and health systems for excellence in IT, but recognition will be based on the organization's achievements within the analytic structure. The number of organizations recognized (*H&HN's Most Wired*) will neither be pegged at nor limited to "100 Most Wired" per year. The program will continue to separately recognize improvement (*Most Improved Award*) and achievements in small and rural hospitals (*Most Wired–Small and Rural*).

The results are the basis of several awards:

**Most Wired:** Organizations whose responses reflect "core" development, 461 of whom met the criteria

**Most Wired–Advanced:** 27 organizations exceeded "core" development in all four focus areas, and meet the criteria for "advanced."

**Most Improved:** The organizations not appearing on the Most Wired list who improved the most from 2016 to 2017 in the survey focus areas

**Most Wired–Small and Rural:** The small and rural organizations not appearing on the Most Wired list that reflect development in survey focus areas

**2017 Most Wired Innovator Award**

From a set of separately submitted essays, a panel of hospital and information technology leaders identifies noteworthy IT projects and names the Innovator Award winners and finalists. IT projects are evaluated on achievement of business objective, creativity and uniqueness of concept, scope of solution and impact on the organization.

*H&HN's 2017 Most Wired Survey* is conducted in cooperation with the American Hospital Association and Clearwater Compliance, LLC.

Don't miss ongoing coverage monthly in *Hospitals & Health Networks* and coverage of Innovator Award projects, *Hospitals & Health Networks*, August 2017.

Video cast and podcast series, featuring CEOs and CIOs at Most Wired hospitals, available at <http://www.hhnmag.com/mostwired/media>, under podcasts/videos.