A Dose of Reality in the Virtual World of Health IT

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Figure 3.2
Diffusion Rates in the United States for Selected Consumer Products

NOTE: VCR refers to video cassette recorder.
Practices with Advanced Electronic Health Information Capacity

Percent reporting at least 9 of 14 clinical IT functions*

* Count of 14 functions includes: electronic medical record; electronic prescribing and ordering of tests; electronic access test results, Rx alerts, clinical notes; computerized system for tracking lab tests, guidelines, alerts to provide patients with test results, preventive/follow-up care reminders; and computerized list of patients by diagnosis, medications, due for tests or preventive care.

Source: 2009 Commonwealth Fund International Health Policy Survey of Primary Care Physicians.
Public Investment per Capita in Health Information Technology - 2005


Chart I-9. Barriers to Adoption

HITECH Act Addresses Barriers to IT Implementation

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<th>Obstacle</th>
<th>Intervention</th>
<th>Funds</th>
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<td>Financial Resources</td>
<td>CMS Incentive Program</td>
<td>Up $2 million per hospital and up to $63,750 per physician</td>
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<td>Technical Assistance</td>
<td>Regional Extension Centers</td>
<td>$643 Million</td>
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<td>Human Resources</td>
<td>Workforce Training Programs</td>
<td>$118 Million</td>
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<td>Exchange</td>
<td>Health Information Exchange and NHIN</td>
<td>$620 Million</td>
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<td>Technology</td>
<td>SHARP Grants</td>
<td>$60 million</td>
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<td>Breakthrough Examples</td>
<td>Beacon Communities</td>
<td>$235 Million</td>
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</tbody>
</table>

Hospital Adoption of EHR Systems More than Doubled since 2009

Figure 1: Percent of non-federal acute care hospitals with adoption of at least a Basic EHR system: 2008-2011

NOTES: Adoption requires the EHR system to have at least a basic set of EHR functions as defined in Table 2. Estimates reported are based on adoption of at least a Basic EHR without Clinician Notes.

*Significantly different from previous year (p < 0.05).

SOURCE: ONC/American Hospital Association (AHA), AHA Annual Survey Information Technology Supplement
State Adoption of EHRs

Trends in EHR Adoption Show Increasing Advanced Functionality

NOTES: Definitions of Basic EHR and Comprehensive EHR systems are reported in Table 2.
*Significantly different from previous year (p < 0.05).
A prior study reported estimates of hospital adoption based on at least Basic EHR with Clinician Notes (1).
Differences in the estimates in this brief from (1) are due to the inclusion of children’s and cancer hospitals and small differences in the calculation of hospital-level weights.
SOURCE: ONC/AHA, AHA Annual Survey Information Technology Supplement
Adoption of EMR/EHR systems by office-based physicians has increased.


NOTES: EMR/EHR is electronic medical record/electronic health record. "Any EMR/EHR system" is a medical or health record system that is all or partially electronic (excluding systems solely for billing). Data for 2001–2007 are from the American Ambulatory Medical Care Survey (NAMCS). Data for 2008–2010 are from combined files (incidence NAMCS and mail survey). Data for 2010–2011 are preliminary estimates derived from the mail survey only. Estimates through 2011 include additional physicians sampled from community health centers. Estimates of basic systems prior to 2006 could not be computed because some items were not collected in the survey. Data include nonindustial, office-based physicians and include radiologists, anesthesiologists, and pathologists. SOURCE: CCSNCHS, National Ambulatory Medical Care Survey.

Resources

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