

## Project Update for NCHS Health IT Adoption & Use Dashboard



*from the:*

Office of the National Coordinator for Health IT  
U.S. Department of Health and Human Services

<http://dashboard.healthit.gov>

## **Why did ONC create the dashboard?**

1. Assist ONC and stakeholders with monitoring the results of Recovery Act/HITECH programs implementation.
2. Facilitate ONC's assessment of progress towards national EHR adoption goals.
3. Position ONC to serve as leading example of open government.

The screenshot shows a web browser window displaying the HealthIT Dashboard. The browser's address bar shows the URL <http://dashboard.healthit.gov/>. The page features a navigation menu on the left with categories such as 'ONC Home', 'Dashboard User Assistance Tool', 'Dashboard Datasets', 'Data Briefs', 'Reports', 'Case Studies', 'Strategic Plans & Work Plans', 'Budget & Performance', and 'Health IT Prizes & Challenges'. The main content area is titled 'Providers Nationwide adopt Health IT' and includes a sub-header 'Check Out How HITECH Programs Are Helping'. Below this, there are several buttons for navigation: 'ONC Overview', 'Health IT Adoption and Use', 'Regional Extension Center Program', 'Health IT Workforce Training', and 'Datasets & Documentation\*'. A prominent orange button with a question mark icon says 'See the "How To" Guide For useful information about the Dashboard.' To the right, there is a section titled 'State Health IT Adoption Statistics' which includes a small thumbnail of a dashboard with a map of the United States and several line graphs. Below this, a list of bullet points describes the capabilities of the 'State Health IT Adoption & Use Dashboard'.

\* The Datasets & Documentation webpage is optimized for individuals who use assistive technologies to access the internet.

### State Health IT Adoption Statistics

#### With State Health IT Adoption & Use Dashboard, you can:

- > See state rates of EHR adoption among office-based providers including EHR adoption estimates for providers in primary care, small, and rural practices.
- > Discover state rates of hospital adoption of EHRs according to overall, small, and rural hospital groups.
- > Explore state and county level data on health information exchange, including rates of e-prescribing activity and health care provider supply.
- > Download and analyze the data for your own purposes.

### With the Health IT Dashboard, you can:

- Generate maps of ONC's planned obligations by state and program (data does not include sub recipients or contracts servicing ONC grants).
- Learn how ONC's HITECH programs work together to create momentum in EHR adoption and health information exchange activity.
- Download a full list of ONC HITECH program grantees for your own purposes



### With State Health IT Adoption & Use Dashboard, you can:

- See state rates of EHR adoption among office-based providers including EHR adoption estimates for providers in primary care, small, and rural practices.
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- Download and analyze the data for your own purposes.



### With the REC Program Dashboard, you can:

- Examine how the REC program is accomplishing its goals by reviewing patterns of provider attainment of EHR adoption milestones across a range of important health care provider demographics.
- Evaluate the REC program and grantees progress using the demographics of providers working with RECs according to practice area, specialty, setting and more.
- Download and analyze the data for your own purposes.

### With the Health IT Workforce Dashboard, you can:

- Find out which community colleges and universities in your area are participating in the ONC Health IT workforce Programs.
- See how many professionals in your area have been trained by the Community College Consortia to Educate Health IT Professionals program.
- Download and analyze the data for your own purposes.





Datasets & Documentation

**With the Datasets & Documentation page, you can:**

- Download and analyze ONC's research and program performance data for your own purposes.
- Use datasets that are predictably organized and published often to create your own web services and APIs that are connected to ONC data.
- Learn how ONC's HITECH programs work together to create momentum in EHR adoption and health information exchange activity.

## **CURRENT** Data from the NAMCS/EHR Supplement

- National Measures linked to NAMCS
  - Rural providers
  - Small practices
  - Primary care providers
  - Overall providers

**Office-based provider adoption of basic electronic health records (2008, 2009, 2010, 2011)**
- State EHR adoption measures linked to NAMCS
  - Small practices
  - Primary care providers
  - Overall providers

**Office-based provider adoption of basic electronic health records (2011)**

## **FUTURE** Data from the NAMCS/EHR Supplement (est. Sept-Oct, 2012)

	National	State
Capability to View Lab Results Electronically: Through Any EHR System	2008-2011	2010-11
Capability to View Lab Results Electronically: Without Any EHR	2008-2011	2010-11
Capability to View Lab Results Electronically: Overall	2008-2011	2010-11
Capability to Order Lab Tests Electronically: Overall	2010-2011	2010-11
Capability to exchange secure messages with patients	2011	2011
Capability to Provide Patients with Clinical Summaries for Each Visit	2011	2011
Capability to Exchange Patient Clinical Summaries With Any Other Providers	2011	2011

# HealthIT Dashboard

The screenshot shows the HealthIT Dashboard website in a browser window. The browser address bar shows <http://dashboard.healthit.gov/>. The website header includes "Health IT Buzz Blog" and "HealthIT.gov". The main navigation menu on the left lists: "ONC Home", "Dashboard User Assistance Tool", "Dashboard Datasets", "Data Briefs", "Reports", "Case Studies", "Strategic Plans & Work Plans", "Budget & Performance", and "Health IT Prizes & Challenges".

The main content area features a large banner with the headline "Providers Nationwide adopt Health IT" and a sub-headline "Check Out How HITECH Programs Are Helping". Below the banner is a paragraph: "Are you interested in better understanding health IT and the transformative changes that electronic health/medical records are having in our nation's health care system? The Health IT Dashboard presents key information and data to enable collaborative monitoring of the impact of federal policies, programs, and research activities related to health IT. Return to this web site regularly to explore and download new datasets and statistics as they become available." To the right of the text is an image of four healthcare professionals in a clinical setting.

A sidebar on the right contains a vertical menu with the following items: "ONC Overview", "Health IT Adoption and Use", "Regional Extension Center Program", "Health IT Workforce Training", and "Datasets & Documentation\*". Below this menu is a button that says "See the 'How To' Guide For useful information about the Dashboard." A footnote at the bottom of the sidebar states: "\* The Datasets & Documentation webpage is optimized for individuals who use assistive technologies to access the internet."

The "Health IT Adoption and Use" section is expanded, showing a sub-section titled "State Health IT Adoption Statistics". This section includes a small thumbnail image of a dashboard with a map of the United States and several line graphs. To the right of the thumbnail is a text box: "The Health IT Adoption & Use Dashboard presents ONC state summary estimates for the rate of electronic health record (EHR) adoption among office-based physicians and hospitals." Below this is a list of capabilities: "With State Health IT Adoption & Use Dashboard, you can:" followed by four bullet points:
 

- > See state rates of EHR adoption among office-based providers including EHR adoption estimates for providers in primary care, small, and rural practices.
- > Discover state rates of hospital adoption of EHRs according to overall, small, and rural hospital groups.
- > Explore state and county level data on health information exchange, including rates of e-prescribing activity and health care provider supply.
- > Download and analyze the data for your own purposes.

# HealthIT Dashboard

Health IT Adoption & Use Dashboard from the HHS Office of the National Coordinator for Health I - Windows Internet Explorer

http://dashboard.healthit.gov/HITAdoption/

File Edit View Favorites Tools Help

Health IT Adoption & Use Dashboard from the HHS Of...

HealthIT Dashboard BETA

MAP ONLY GRID VIEW EXPORT PRINT HELP

CHARTS & GRAPHS MAP OPTIONS ABOUT

### Office-Based Provider Adoption of Basic EHRs

Year	Series 1	Series 2	Series 3	Series 4
2008	18	15	16	14
2009	22	18	19	16
2010	28	24	25	22
2011	35	32	33	30

### Hospital Adoption of EHRs

Year	Adoption Rate
2008	12
2009	15
2010	18
2011	35

### e-Prescribing & EHR Adoption

Year	Series 1	Series 2	Series 3	Series 4
2008	50,000	40,000	30,000	20,000
2009	100,000	80,000	60,000	40,000
2010	200,000	150,000	120,000	80,000
2011	400,000	300,000	250,000	150,000

### Health IT Adoption and Use

#### EHR Adoption by Office-Based Providers National

**Adoption Rate**

- 16% - 27%
- 28% - 29%
- 30% - 33%
- 34% - 38%
- 40% - 61%

Last Updated: 7/1/2012

#### Summary and Citations

Nationwide, thirty-nine percent of office-based providers have implemented at least a "basic" electronic health record (EHR) system by 2011. A basic EHR includes specific functionalities in the following areas of health care and administrative data: patient demographics, patient problem lists, electronic lists of medication taken by patients, clinical notes, orders for prescriptions, laboratory results viewing, and imaging results viewing. Provider adoption of basic EHRs is seen as an early indicator to the meaningful use of EHRs.

The measure mapped above uses data from the Centers for Disease Control and Prevention (CDC) National Ambulatory Medical Care Survey (NAMCS), which has surveyed more than 10,000 physicians a year on health IT adoption since 2008. The survey has a historic response rate of over 60 percent. The measure also includes data on EHR adoption and system functions. For more information on the health IT...

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HealthIT Dashboard BETA

MAP ONLY GRID VIEW EXPORT PRINT HELP

**CHARTS & GRAPHS** **MAP OPTIONS** ABOUT

**Customize Map view**

- EHR Adoption by Office-Based Providers
- EHR Adoption by Non-Federal Acute Care Hospitals
- Physicians Actively Using an EHR to e-Prescribe
- Number of Health Care Providers
- Number of Primary Care Providers

**Select Points to Map**

- Health IT Regional Extension Center Program
- State Health Information Exchange Program
- Beacon Communities Program
- Strategic Health IT Advanced Research Projects (SHARP) Program
- ONC Health IT Workforce Program, Community College Consortia
- ONC Health IT Workforce Program, University Consortia

**Organizations Displayed**

**Health IT Adoption and Use**  
EHR Adoption by Office-Based Providers  
National

**Adoption Rate**

- 16% - 27%
- 28% - 29%
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The measure mapped above uses data from the Centers for Disease Control and Prevention (CDC) National Ambulatory Medical Care Survey (NAMCS), which has surveyed more than 10,000 physicians a year on health IT adoption since 2008. The survey has a historic response rate of 80 percent. The measure also includes to estimate EHR adoption and system functionality according to ONC's measure the health IT

# HealthIT Dashboard



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HealthIT Dashboard

MAP ONLY EXPORT PRINT HELP

CHARTS & GRAPHS

### Office-Based Provider Adoption of Basic EHRs

GRID VIEW EXPORT PRINT HELP X

Last Updated: 7/1/2012

Category	Percent
Providers Overall (Percent)	39%
Primary Care Providers (Percent)	37%
Providers in Small Practices (Percent)	32%

2011  
YEAR

Providers Overall (Percent) Primary Care Providers (Percent) Providers in Small Practices (Percent)

**Summary and Citations**

Nationwide, thirty-nine percent of office-based providers have implemented at least a "basic" electronic health record (EHR) system by 2011. A basic EHR includes specific functionalities in the following areas of health care and administrative data: patient demographics, patient problem lists, electronic lists of medication taken by patients, clinical notes, orders for prescriptions, laboratory results viewing, and imaging results viewing. Provider adoption of basic EHRs is seen as an early indicator to the meaningful use of EHRs.

The measure mapped above uses data from the Centers for Disease Control and Prevention (CDC) National Ambulatory Medical Care Survey (NAMCS), which has surveyed more than 10,000 physicians a year on health IT adoption since 2008. The survey has a historic response rate of 85%.

ePrescribe Rate

- 0% - 10%
- 11% - 20%
- 21% - 35%
- 36% - 50%
- 51% - 100%

system by 2011. A patient problem listing results

Done

Internet 85%

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File Edit View Favorites Tools Help

Health IT Dashboard BETA

MAP ONLY EXPORT PRINT HELP

CHARTS & GRAPHS **MAP OPTIONS** ABOUT

**Customize Map view**

- Physicians Actively Using an EHR to e-Prescribe
- Number of Health Care Providers
- Number of Primary Care Providers

**Select Points to Map**

- Health IT Regional Extension Center Program
- Critical Access Hospitals
- ONC Health IT Workforce Program, Community College Consortia
- Indian Health Services
- Federally Qualified Health Centers

**Organizations Displayed**

**Health IT Adoption and Use**  
Physicians Actively Using an EHR to e-Prescribe  
California

**ePrescribe Rate**

- 0% - 10%
- 11% - 20%
- 21% - 35%
- 36% - 50%
- 51% - 100%

Last Updated: 7/1/2012

**Summary and Citations**

Nationwide, thirty-nine percent of office-based providers have implemented at least a "basic" electronic health record (EHR) system by 2011. A basic EHR includes specific functionalities in the following areas of health care and administrative data: patient demographics, patient problem lists, electronic lists of medication taken by patients, clinical notes, orders for prescriptions, laboratory results viewing, and imaging results viewing. Provider adoption of basic EHRs is seen as an early indicator to the meaningful use of EHRs.

The measure mapped above uses data from the Centers for Disease Control and Prevention (CDC) National Ambulatory Medical Care Survey (NAMCS), which has surveyed more than 10,000 physicians a year on health IT adoption since 2008. The survey has a historic response rate of around 80 percent. The measure also includes treatment of EHR adoption and system functionalities including ONC as assessed by the Health IT...

# HealthIT Dashboard

Health IT Buzz Blog

HealthIT.gov

## HealthIT Dashboard

Advancing America's Health Care

### Datasets & Documentation

The Health IT Dashboard is an open government project from the Office of the National Coordinator for Health IT (ONC). ONC maintains the Health IT Dashboard as a platform to distribute a broad range of health system and grant program performance measures tracking the adoption and meaningful use of various health information technologies (health IT), including electronic health records (EHR) and others enabling health information exchange (HIE).

#### I. Overview

This web page contains the same datasets and documentation that are available through the Health IT Dashboard. The datasets and documentation are available in comma delimited (.CSV), spreadsheet (.XLS), and portable document (.PDF) formats. Data that are downloaded as a .CSV are from the most recent period of data reported through the site. Data that are downloaded as .XLS contain the complete historical dataset presented through the Health IT Dashboard. The .XLS files will contain at least two worksheets, one labeled □Documentation□ and having summary information for the dataset, and one or more worksheets labeled with the month and year of the data (in MM-YY format) and including the data. Files that are available in .PDF format include data dictionaries, annual reports, and other interesting summaries pertinent to the each dataset.

#### II. Datasets & Documentation Materials

Downloading and reusing this material is encouraged. Begin by reviewing each of the Dataset Descriptions below. Once you identify a dataset to explore, select the desired .CSV or .XLS compatible file from the table immediately below. Be sure to download the Data Dictionary and other Related Materials as well.

...

Health IT Adoption & Use				<a href="#">Data Dictionary [Alt-F5]</a>
NAMCS: Electronic Health Record adoption and use among office-based providers (including overall, primary care providers, small practices, and rural providers).	07/2012	2008-2012	<a href="#">.CSV [Alt-F6]</a>	<a href="#">Spreadsheet [Alt-F7]</a>

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#### III. Help & Frequently Asked Questions

The Office of the National Coordinator for Health IT (ONC) has established the Health IT Dashboard to distribute and contextualize key research and program performance data depicting trends in the adoption and use health IT throughout the United States health care system. While ONC provides the data and encourages its re-use, data that are converted, processed, or otherwise altered from the state inherent in the Health IT Dashboard are the responsibility of the user and not ONC. Dashboard users are encouraged to contact the grantees or program offices responsible for each measure in the health IT dashboard. Contact information for related entities is available through the ONC Summary Data, Grantee List downloadable file.

Click [here](#) to access a Help / Frequently Asked Questions user assistance guide.