

# Personal Health Record (PHR) Scope, Function, and Issues



**Mary Wachacha**

Lead Consultant, IHS Health Education Program



# Driving Forces

Healthy People 2020 (HP 2020) Health Communications objectives

Certification Committee for Health Information Technology (CCHIT)

Meaningful Use

Executive order for transparency

# Healthy People 2020



- HC/HIT HP2020–5: (Developmental) Increase the proportion of online health information seekers who report easily accessing health information.
- HC/HIT HP2020–7: (Developmental) Increase the proportion of persons who use electronic personal health management tools.
  - 1 Increase the proportion of persons who use the Internet to keep track of personal health information, such as care received, test results, or upcoming medical appointments.
  - 2 Increase the proportion of persons who use the Internet to communicate with their provider.
- HC/HIT HP2020–8: (Developmental) Increase the proportion of patients whose doctor recommends personalized health information resources to help them manage their health.
- HC/HIT HP2020–12: (Developmental) Increase the proportion of providers and governmental health agencies that use advanced connectivity to optimize electronic health information exchange to improve individual and population health.

# CCHIT



- CCHIT
  - Independent organization that is recognized by the federal government as an official certification body for electronic health records (EHRs) with the mission to accelerate the adoption of health information technology (HIT).
- Provides oversight to the EHR. The Indian Health Service (IHS) must be able to demonstrate how a patient can obtain online access to their clinical information including, at a minimum, laboratory test results, problem list, medication list, medication allergy list, immunizations, and procedures.

# Executive Order: Transparency

- Implementation Steps for President Bush's Executive Order on Healthcare Cost Transparency, Quality of Care, and Information Technology
- Transparency: Provides patients with the information necessary to know the quality and cost of their healthcare.
- Offer personal health records to enrollees based on their claims, medications, and medical history information currently available in carrier healthcare systems

# Meaningful Use of EHR

- “Meaningful use” is the name of a new initiative to improve the health of the nation. The Meaningful Use project was assigned to the Office of the National Coordinator (ONC) and the Centers for Medicare and Medicaid Services (CMS) through the American Recovery and Reinvestment Act of 2009 (ARRA). The ONC is creating criteria for what an EHR should be able to do. CMS is creating guidelines on how EHRs should be used by healthcare providers and hospitals to improve the quality, safety, and efficiency of the healthcare system. To achieve meaningful use, healthcare providers and hospitals must meet the criteria created by the ONC and CMS.  
The IHS has a meaningful use coordinator: Stephanie Klepacki.

# Meaningful Use of EHR

| Care Goals  | 2011 Objectives<br><i>Goal is to electronically capture in coded format and to report health information and to use that information to track key clinical conditions</i>   | 2011 Measures  | 2013 Objectives<br><i>Goal is to guide and support care processes and care coordination</i>  | 2013 Measures  | 2015 Objectives<br><i>Goal is to achieve and improve performance and support care processes and on key health system outcomes</i>   | 2015 Measures  |
|---|---|--|--|--|---|--|
| Provide patients and families with access to data, knowledge, and tools to make informed decisions and to manage their health | <p>Provide patients with electronic copy of- or electronic access to- clinical information (including lab results, problem list, medication lists, allergies) per patient preference (e.g., through PHR) [OP, IP]</p> <p>Provide access to patient-specific educational resources [OP, IP]</p> <p>Provide clinical summaries for patients for each encounter [OP, IP]</p> | <p>% of all patients with access to personal health information electronically [OP, IP]</p> <p>% of all patients with access to patient-specific educational resources [OP, IP]</p> <p>% of encounters for which clinical summaries were provided [OP, IP]</p> | <p>Offer secure patient-provider messaging capability [OP]</p> <p>Provide access to patient-specific educational resources in common primary languages [OP, IP]</p> <p>Record patient preferences (e.g., preferred communication media, advance directive, health care proxies, treatment options) [OP, IP]</p> <p>Documentation of family medical history [OP, IP]</p> <p>Upload data from home monitoring devices [OP]</p> | <p>Additional patient access and experience reports using NQF-endorsed HIT-enabled quality measures [OP, IP]</p> <p>% of patients with access to secure patient messaging [OP]</p> <p>% of educational content in common primary languages [OP, IP]</p> <p>% of all patients with preferences recorded [OP]</p> <p>% of transitions were summary care record is shared [OP, IP]</p> <p>Implemented</p> | <p>Access for all patients to PHR populated in real time with data from EHR [OP, IP]</p> <p>Patients have access to self-management tools [OP]</p> <p>Electronic reporting on experience of care [OP, IP]</p> | <p>NPP quality measures related to patient and family engagement [OP, IP]</p> <p>% of patients with full access to PHR populated in real time with EHR data [OP, IP]</p> |

# Meaningful Use Of EHR

| Care Goals  | 2011 Objectives<br><i>Goal is to electronically capture in coded format and to report health information and to use that information to track key clinical conditions</i>   | 2011 Measures          | 2013 Objectives<br><i>Goal is to guide and support care processes and care coordination</i>   | 2013 Measures  | 2015 Objectives<br><i>Goal is to achieve and improve performance and support care processes and on key health system outcomes</i> | 2015 Measures |
|---|---|------------------------|---|--|---|---------------|
| Provide patients and families with access to data, knowledge, and tools to make informed decisions and to manage their health | <p>Provide patients with electronic copy of- or electronic access to- clinical information (including lab results, problem list, medication lists, allergies) per patient preference (e.g., through PHR) [OP, IP]</p> <p>Provide access to patient-specific educational resources [OP, IP]</p> <p>Provide clinical summaries for patients for each encounter [OP, IP]</p> | % of all patients with | Offer secure patient-   | Additional patient   | Access for all  | APP quality   |
|   |   |                        | <p>Provide patients with electronic copy of or electronic access to clinical information (including lab results, problem list, medication lists, allergies) per patient preference (e.g. Through PHR) [OP,IP]</p> |  |   |               |
|   |   |                        | IP]   | with preferences recorded [OP]                               |   |               |
|   |   |                        | Upload data from home monitoring devices [OP]   | % of transitions were summary care record is shared [OP, IP] |   |               |
|   |   |                        |   | Implemented  |   |               |



# Meaningful Use of EHR

| Care Goals  | 2011 Objectives<br><i>Goal is to electronically capture in coded format and to report health information and to use that information to track key clinical conditions</i>   | 2011 Measures  | 2013 Objectives<br><i>Goal is to guide and support care processes and care coordination</i>  | 2013 Measures   | 2015 Objectives<br><i>Goal is to achieve and improve performance and support care processes and on key health system outcomes</i>   | 2015 Measures  |
|---|---|--|--|---|---|--|
| Provide patients and families with access to data, knowledge, and tools to make informed decisions and to manage their health | <p>Provide patients with electronic copy of- or electronic access to clinical information (including laboratory results, medication information, patient preferences, and PHR) [OP, IP]</p> <p>Provide specific education [OP, IP]</p> <p>Provide clinical summaries for patients for each encounter [OP, IP]</p> | % of all patients with access to personal health information | <p>Offer secure patient-provider messaging</p> <p>Advance directive, health care proxies, treatment options) [OP, IP]</p> <p>Documentation of family medical history [OP, IP]</p> <p>Upload data from home monitoring devices [OP]</p> | <p>Additional patient access and experience</p> <p>75% of NQF-enabled measures [OP, IP]</p> <p>80% of patients with secure messaging</p> <p>80% of educational content in common primary languages [OP, IP]</p> <p>80% of all patients with preferences recorded [OP]</p> <p>80% of transitions where summary care record is shared [OP, IP]</p> <p>Implemented</p> | <p>Access for all patients to PHR populated in real time with data from EHR [OP, IP]</p> <p>Patients have access to self-management tools [OP]</p> <p>Electronic reporting on experience of care [OP, IP]</p> | <p>NPP quality measures related to patient and family engagement [OP, IP]</p> <p>% of patients with full access to PHR populated in real time with EHR data [OP, IP]</p> |

Access for all patients to PHR populated in real time with data from EHR [OP, IP]

# Meaningful Use of EHR

- By FY11, view data:
  - Medications
  - Allergies
  - Laboratory Results
  - Discharge Summaries
  - Problem List
  - Procedure Information
- By FY13:
  - Reporting
  - Patient Preferences
  - Secure Messaging
  - Device Data Upload—information from glucometer, etc.
  - Family Health History
  - Languages

# ● Increase use of HIT to improve individual and population health.

## ● EHR Outpatient Sites

- Federal Hospitals: 31
- Federal Health Centers/Stations: 74
- Tribal Hospitals: 9
- Tribal Health Centers/Stations: 98
- Urban Health Centers/Stations: 5

## ● EHR Inpatient Sites

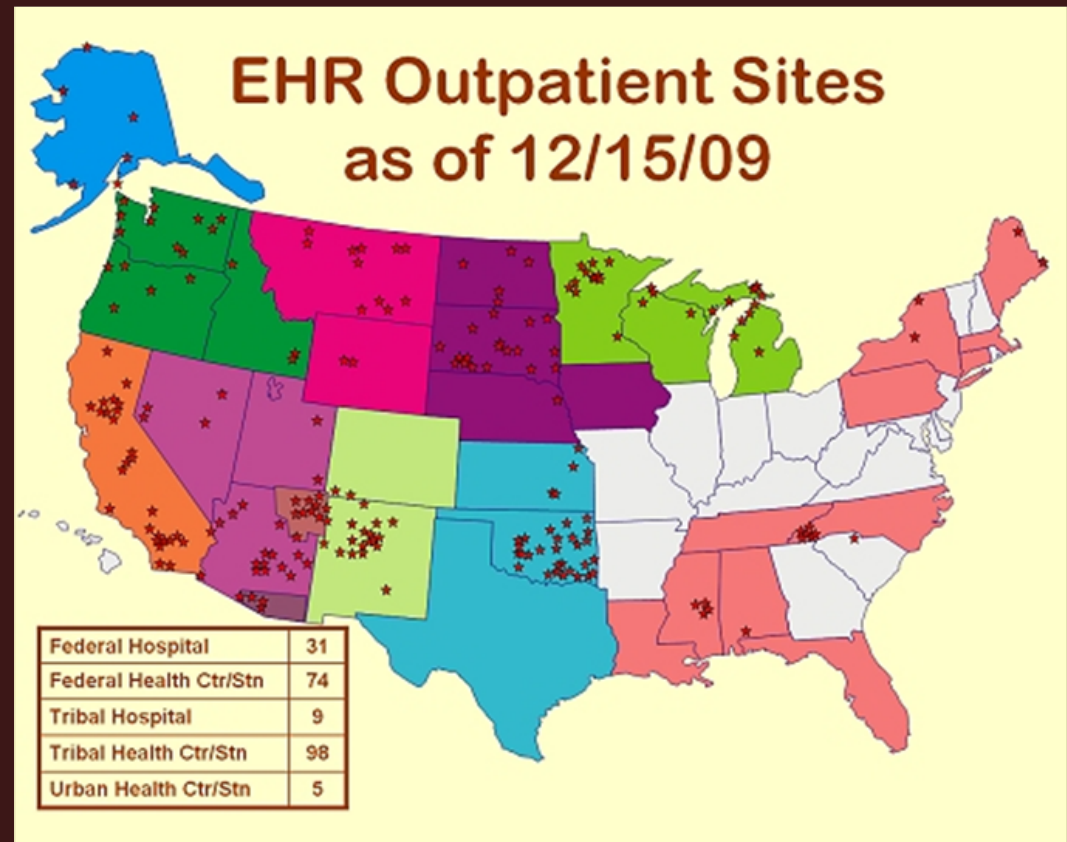
- Federal Hospitals: 7
- Tribal Hospitals: 3

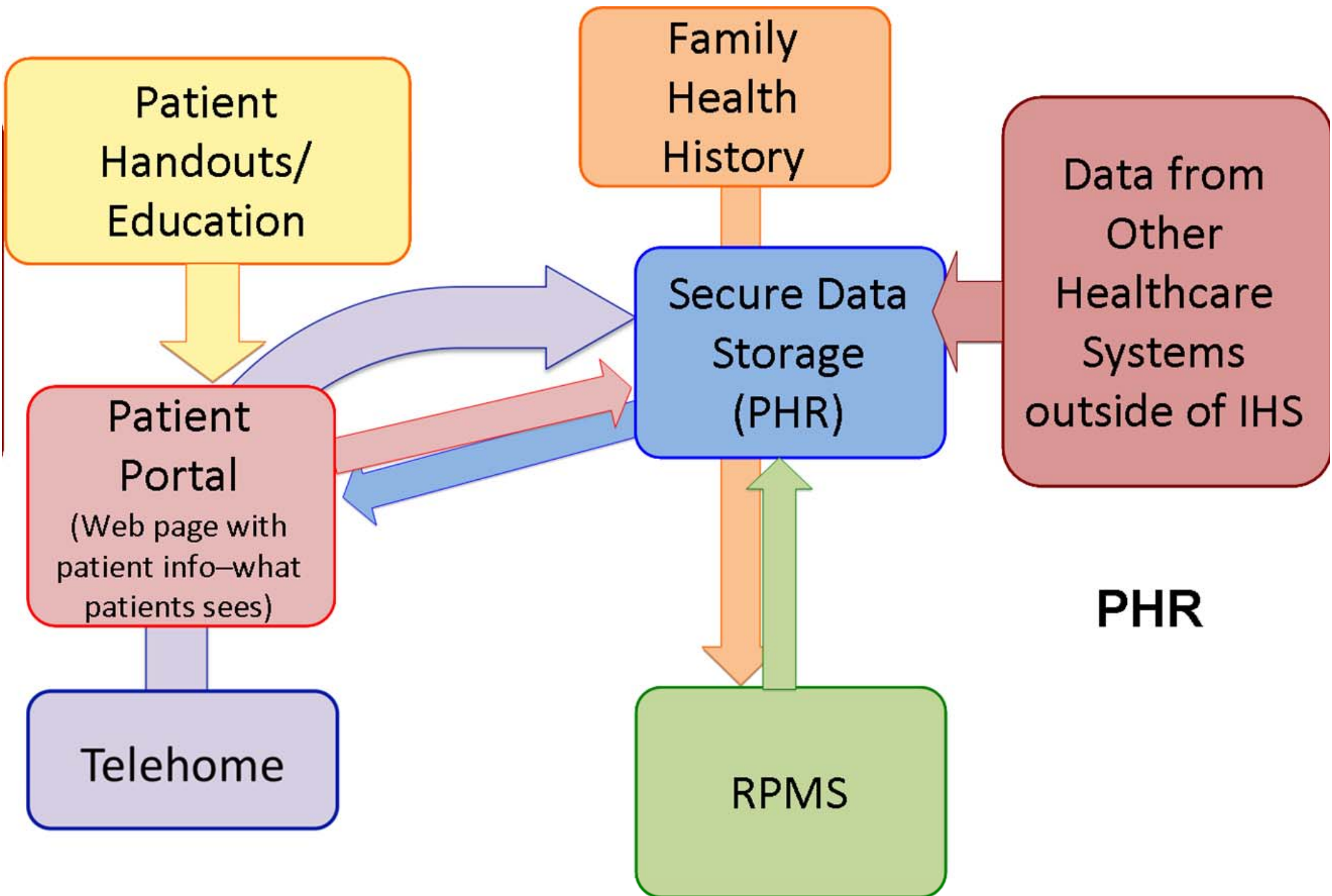
## ● EHR VistA Imaging Sites

- Federal Hospitals: 11
- Federal Health Centers/Stations: 24
- Tribal Hospitals: 6
- Tribal Health Centers/Stations: 12

## ● EHR Alaska Village Clinic Sites

- Village Clinics: 4





# Envisioned Features of PHR

- Priorities are based upon feasibility, cost, and integration with other initiatives.
- Priority of features is subject to change over time.
  - New projects (examples: Facebook project with a Tribe; refill medications online; pharmacy mail order program)
  - Funding sources: (Examples: ARRA (2 years) will need to find new funding, but Office of Information (OIT) will receive funding because of meaningful use)
  - Driving forces: (Example: If meaningful use changes)
  - Stakeholder needs

# Envisioned Features–PHR

## Highest Priority

- Provide electronic patient IHS medical information to our patients
- CCHIT criteria due in Oct 2010 (IHS must pass a certification test by 10/2010)
- Meaningful use criteria due in FY11 (IHS must meet the criteria from chart on Slide # 7)
- Patient-specific education resources–link to get patient education materials (i.e., Patient Handout Web site)
- Integrate with National Health Information Network (NHIN)
- Accommodate interfaces with other tools
- Security and Privacy
- Comply with Section 508

# Envisioned Features–PHR

## Medium Priority

- Reporting
- Patient Education Resources
- Secure Messaging
- Device Data Upload—information from blood pressure cuff or glucometer
- Multilingual
- Appointment Scheduling
- Telehome: expanding calling from “home” – home telephone, cell phone, home computer, etc.
- Community and Population Health Initiatives—notify community of outbreaks of illness in your community

# Envisioned Features–PHR

## Lower Priority

- Delegate PHR account to confidantes–patient gives permission for husband/wife to access health information
- Push PHR data to Health Information Exchange (HIE)
- Push PHR data to Resource and Patient Management System (RPMS)
- Patient logs and journals
- Mobile version (viewing PHR from your cell phone)
- Map to HealthVault
- Interface with social networking sites–Not Facebook, but Support groups for arthritis, diabetes, etc.



# Current Status

- Working with OIT to determine the best solution for moving information from RPMS to a secure database
- What about Microsoft Healthvault?
  - Plans are to enable patients to pull IHS information into Healthvault, but it will not be the primary data repository for IHS.
  - Healthvault cannot perform all of the functions that are envisioned for the PHR.

# Patient Registration Internet Access Questions

IHS REGISTRATION EDITOR (page 1)

CIHA HOSPITAL

=====

DEMO,PATIENT (upd:MAR 17, 2010) HRN:1

=====

1. ELIGIBILITY STATUS : CHS & DIRECT
2. DATE OF BIRTH : 03/22/1947
3. PLACE OF BIRTH [CITY] : ALBUQUERQUE 4.ST : NC
5. SEX : MALE
6. SOCIAL SECURITY NUMBER : 000000003(Not yet verified by the SSA)
7. MARITAL STATUS : MARRIED
8. CURRENT COMMUNITY : SNOWBIRD

- 
9. STREET ADDRESS [LINE 1] : snowbird dr
  10. STREET ADDRESS [LINE 2] :
  11. STREET ADDRESS [LINE 3] :
  12. CITY : snowbird 13.ST : NC 14. ZIP CODE : 28779
  15. LOCATION OF HOME : LOCATION OF HOME CONTAINS DATA

- 
16. PHONE NUMBER [RESIDENCE] : 828-497-2465 17. WORK PHONE : 828-497-9163
  18. OTHER PHONE : cell 828-735-5555

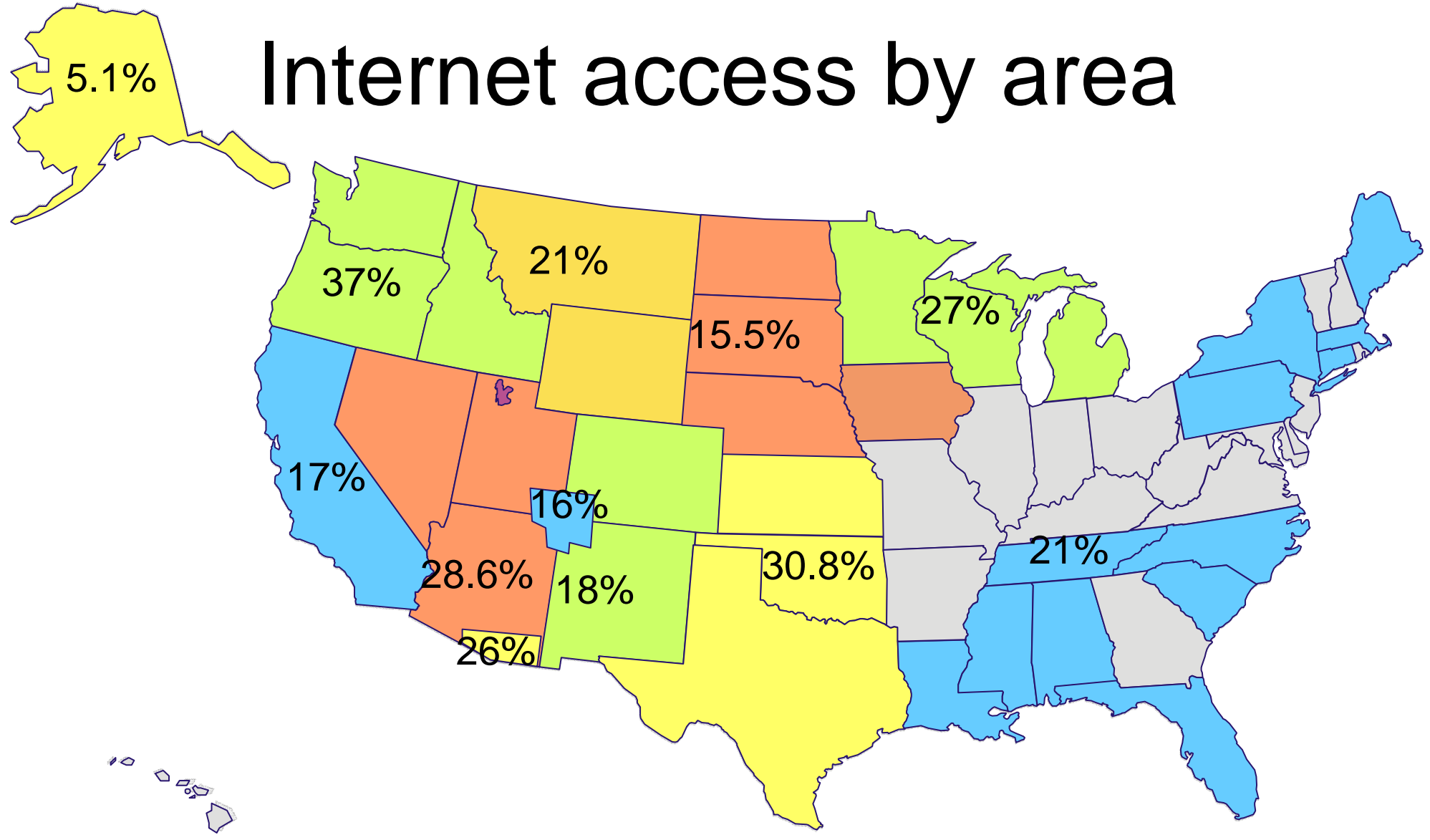
- 19. INTERNET ACCESS : YES WHERE : WORK (upd DEC 10,2009)**
20. EMAIL ADDRESS: [DEMOPATIENT@GMAIL.COM](mailto:DEMOPATIENT@GMAIL.COM)

=====

CHANGE which item? (1-20) NONE//:



# Internet access by area



# Patient Registration E-Mail Address

IHS REGISTRATION EDITOR (page 1)

CIHA HOSPITAL

=====

DEMO,PATIENT (upd:MAR 17, 2010) HRN:1

=====

1. ELIGIBILITY STATUS : CHS & DIRECT
2. DATE OF BIRTH : 03/22/1947
3. PLACE OF BIRTH [CITY] : ALBUQUERQUE 4.ST : NC
5. SEX : MALE
6. SOCIAL SECURITY NUMBER : 000000003(Not yet verified by the SSA)
7. MARITAL STATUS : MARRIED
8. CURRENT COMMUNITY : SNOWBIRD

- 
9. STREET ADDRESS [LINE 1] : snowbird dr
  10. STREET ADDRESS [LINE 2] :
  11. STREET ADDRESS [LINE 3] :
  12. CITY : snowbird 13.ST : NC 14. ZIP CODE : 28779
  15. LOCATION OF HOME : LOCATION OF HOME CONTAINS DATA

- 
16. PHONE NUMBER [RESIDENCE] : 828-497-2465 17. WORK PHONE : 828-497-9163
  18. OTHER PHONE : cell 828-735-5555
  19. INTERNET ACCESS : YES WHERE : WORK (upd DEC 10,2009)

**20. EMAIL ADDRESS: DEMOPATIENT@GMAIL.COM**

-----

=====

CHANGE which item? (1-20) NONE//:

# Using E-Mail Addresses

- To ensure privacy, a request submitted to add a fourth question: “Is it okay if we send you e-mails at this e-mail address?”
- The intent is to share generic health education documents.
- No Personal Health Information (PHI) is to be shared across nonsecure E-mail.
  - This will be addressed by secure messaging through the PHR project.
- E-mail address *is required* for CCHIT certification.
  - CCHIT will also look to see if an E-mail is added for the father and mother of minor patients.

# Using E-Mail Addresses

- Developing a system that will create a match between the patient and their RPMS account.
- Patients will need to sign up for a PHR account in person.
- The registrar (whomever the person assigned to give the patient access to their account) will use the PHR and potentially the Master Person Index (MPI) to assign the patient the appropriate account.

MPI: a tool that will link your chart from Cherokee with your chart from Billings with your chart from Oklahoma (if you have charts anywhere else). This will let clinicians see your health information from multiple IHS sites.

PHR will match as many data elements as possible, including E-mail address.

# Using E-Mail Addresses

2A

[Home](#) | [Manage Applications](#) | [Modify Account](#) | [Logout](#)

## Manage Applications

This page enables you to locate PHR applications to access medical records and simultaneously to locate matching IHS patient records. Enter identifying data from the person and his/her identification in the search box below and click the "Search" button. If you wish to use additional data to search, select the "Advanced Search" tab.

The fields displayed here are subject to change depending on conversations with NPI / Nongata

QUICK SEARCH | **ADVANCED SEARCH**

**SEARCH**

|                    |   |                |                      |
|--------------------|---|----------------|----------------------|
| HRN:               | <input type="text"/>                    | PHR User Name: | <input type="text"/> |
| Last Name:         | <input type="text"/>                    | First Name:    | <input type="text"/> |
| Middle Name:       | <input type="text"/>                    |                |                      |
| Gender:            | <input type="text" value="- Select -"/> | Date of Birth: | <input type="text"/> |
| Zip / Postal Code: | <input type="text"/>                    |                |                      |

This is an example of future enhancements to the Patient Registration package

If Registrar does a quick search and then clicks "Advanced Search", the System will pull over any data into advanced Search page

# Using E-Mail Addresses

28

[Home](#) | [Manage Applications](#) | [Modify Account](#) | [Logout](#)

Is it important to know which fields pull back which records (e.g. PHR, RPH)?

## Manage Applications

Errors Displayed Here

This page enables you to locate PHR applications to access medical records and simultaneously to locate matching HR patient records. Enter identifying data from the screen and his/her identification in the search box below and click the "Search" button.

QUICK SEARCH

ADVANCED SEARCH

### ADVANCED SEARCH

|                                       |  |                                       |   |
|---------------------------------------|--|---------------------------------------|---|
| HRN:                                  | <input type="text" value="123456"/>                | PHR User Name:                        | <input type="text" value="ralagappan"/>         |
| Last Name:                            | <input type="text" value="Alagappan"/>             | First Name:                           | <input type="text" value="Reianna"/>            |
| Middle Initial                        | <input type="text"/>                               |                                       |   |
| Gender:                               | <input type="text" value="Female"/>                | Date of Birth                         | <input type="text" value="10 Apr 1965"/>        |
| <hr/>                                 |  |                                       |   |
| Address 1                             | <input type="text" value="781 Artesan Rd"/>        | Email:                                | <input type="text" value="ralagappan@aol.com"/> |
| Address 2                             | <input type="text"/>                               | Mobile Phone                          | <input type="text" value="(602) 345-6789"/>     |
| Address 3                             | <input type="text" value="Tohono O'Odham Nation"/> | Home Phone                            | <input type="text" value="(602) 123-4567"/>     |
| City                                  | <input type="text" value="Sells"/>                 | Home Pager                            | <input type="text" value="(602) 123-1111"/>     |
| State/Province                        | <input type="text" value="AZ"/>                    | Home Fax                              | <input type="text" value="(602) 345-0000"/>     |
| Zip / Postal Code                     | <input type="text" value="85634"/>                 | Work Phone                            | <input type="text"/>                            |
| Country                               | <input type="text" value="United States"/>         | Work Fax                              | <input type="text"/>                            |
| <hr/>                                 |  |                                       |   |
| Other Name                            | <input type="text"/>                               | Marital Status                        | <input type="text" value="Married"/>            |
| <hr/>                                 |  |                                       |   |
| <input type="button" value="Search"/> |  | <input type="button" value="Cancel"/> |   |

Adding E-mail address



# Using E-Mail Addresses

2C

[Home](#) | [Manage Applications](#) | [Modify Account](#) | [Logout](#)

**Manage Applications**  
**Errors Displayed Here**

On the left table select the PHR Account that matches the person and their identification . On the right table . select the IHS medical record that matches the PHR Account. Click the person's name to view all data on record for the person . When your search does not find the correct records – in either table – then add more data about the person to the advanced search below . Click the "Compare" button to double - check that you have selected the correct matching PHR and IHS records.

| PHR ACCOUNTS |  |             |               |  |                                  |
|--------------|--|-------------|---------------|--|----------------------------------|
| HRN          | Name                                   | PHR Name    | Date Of Birth | Address  | Select                           |
| 123456       | <a href="#">Alagappan, Reiana Mrs.</a> | ralagappan  | 04/10/1965    | 781 Artesan Rd<br>Tohono O'dham<br>Nation<br>85634 | <input checked="" type="radio"/> |
| 123456       | <a href="#">Alagappan, Rachel</a>      | rmalagappan | 05/15/1985    | 781 Artesan Rd<br>Tohono O'dham<br>Nation<br>85634 | <input type="radio"/>            |
| 123456       | <a href="#">Alagappan, R.</a>          | rralagappan | 11/21/1987    | 781 Artesan Rd<br>Tohono O'dham<br>Nation<br>85634 | <input type="radio"/>            |

| IHS PATIENTS         |        |  |               |  |                                  |
|----------------------|--------|--|---------------|--|----------------------------------|
| Probability of Match | HRN    | Name                                   | Date Of Birth | Address  | Select                           |
| 99%                  | 123456 | <a href="#">Alagappan, Reiana Mrs.</a> | 04/10/1965    | 781 Artesan Rd<br>Tohono O'dham<br>Nation<br>85634 | <input checked="" type="radio"/> |
| 82%                  | 123456 | <a href="#">Alagappan, Rachel</a>      | 05/15/1985    | 781 Artesan Rd<br>Tohono O'dham<br>Nation<br>85634 | <input type="radio"/>            |
| 75%                  | 123456 | <a href="#">Alagappan, R.</a>          | 11/21/1987    | 781 Artesan Rd<br>Tohono O'dham<br>Nation<br>85634 | <input type="radio"/>            |

*If Search finds too many candidates, the user will want to add more search data. For this reason, the advanced search will automatically appear below.*

QUICK SEARCH
ADVANCED SEARCH

**ADVANCED SEARCH**

|   |   |
|---|---|
| HRN: <input type="text" value="123456"/>                      | PHR User Name: <input type="text" value="ralagappan"/>    |
| Last Name: <input type="text" value="Alagappan"/>             | First Name: <input type="text" value="Reiana"/>           |
| Middle Initial: <input type="text"/>                          |   |
| Gender: <input type="text" value="Female"/>                   | Date of Birth: <input type="text" value="10 Apr 1965"/>   |
| -----   |   |
| Address 1: <input type="text" value="781 Artesan Rd"/>        | Email: <input type="text" value="ralagappan@aol.com"/>    |
| Address 2: <input type="text"/>                               | Mobile Phone: <input type="text" value="(602) 345-6789"/> |
| Address 3: <input type="text" value="Tohono O'Odham Nation"/> | Home Phone: <input type="text" value="(602) 123-4567"/>   |
| City: <input type="text" value="Sells"/>                      | Home Pager: <input type="text" value="(602) 123-1111"/>   |
| State/Province: <input type="text" value="AZ"/>               | Home Fax: <input type="text" value="(602) 345-0000"/>     |
| Zip / Postal Code: <input type="text" value="85634"/>         | Work Phone: <input type="text"/>                          |
| Country: <input type="text" value="United States"/>           | Work Fax: <input type="text"/>                            |
| -----   |   |
| Other Name: <input type="text"/>                              | Marital Status: <input type="text" value="Married"/>      |

Example of future Patient Registration screen showing patient identification is verified.

# Using E-Mail Addresses

Process PHR Application  
Tuesday, March 09, 2010

2D

[Home](#) | [Manage Applications](#) | [Modify Account](#) | [Logout](#)

## Manage Applications

### Confirm Match

If the two selected records match, record the type of verification below and link the two records, which will give the patient access to his/her IHS Medical Information via PHR. If the two records do not match, then click "Cancel" to return to the previous screen.

Probability of Match: 98%

| PHR ACCOUNT         |                        | PATIENT IHS MEDICAL RECORD |                        |
|---------------------|------------------------|----------------------------|------------------------|
| Name:               | Mrs. Reianna Alagappan | Name:                      | Mrs. Reianna Alagappan |
| HRN:                | 123456                 | HRN:                       | 123456                 |
| Gender:             | Female                 | Gender:                    | Female                 |
| Date of Birth:      | 10 Apr 1965            | Date of Birth:             | 10 Apr 1965            |
| Address 1:          | 781 Artesan Rd         | Address 1:                 | 781 Artesan Rd         |
| Address 2:          |                        | Address 2:                 |                        |
| Address 3:          | Tohono O'Odham Nation  | Address 3:                 | Tohono O'Odham Nation  |
| City:               | Sells                  | City:                      | Sells                  |
| State/Province:     | AZ                     | State/Province:            | AZ                     |
| Zip / Postal Code:  | 85634                  | Zip / Postal Code:         | 85634                  |
| Country:            | United States          | Country:                   | United States          |
| Email:              | ralagappan@aol.com     | Email:                     | ralagappan@aol.com     |
| Marital Status:     | Married                | Marital Status:            | Married                |
| Home Phone:         | (602) 123-4567         | Home Phone:                | (602) 123-4567         |
| Home Pager:         | (602) 123-1111         | Home Pager:                | (602) 123-1111         |
| Home Fax:           | (602) 345-0000         | Home Fax:                  | (602) 345-0000         |
| Mobile Phone:       | (602) 345-6789         | Mobile Phone:              | (602) 345-6789         |
| Work Phone:         |                        | Work Phone:                |                        |
| Work Fax:           |                        | Work Fax:                  |                        |
| Other Name:         |                        | Other Name:                |                        |
| Current Occupation: |                        | Current Occupation:        |                        |

### VERIFY IDENTIFICATION:

System will display error if link is incomplete

Type of Credential:

Driver License

Record Verification

Link IHS Account to PHR Record

Cancel

Upon click would return user to screen 2C

System enables Link button until ID is verified

Upon click, system will:  
\* change Status to "Approved"  
\* Send note to patient registry to Add a Local System record  
\* Create a local patient record associated with EHR  
\* Put PHR on IHS Patient treating facility list and distributes list to every facility on treating facility list

Example of a future Patient Record Verification.

# Using E-Mail Addresses

## Process PHR Application

Tuesday, March 09, 2010

2E

[Home](#) | [Manage Applications](#) | [Modify Account](#) | [Logout](#)

### Manage Applications

The Patient's PHR account has been successfully linked to the IHS Medical record

This page enables you to locate PHR applications to access medical records and simultaneously to locate matching IHS patient records. Enter identifying data from the person and his /her identification in the search box below and click the "Search" button. If you wish to use additional data to search, select the "Advanced Search" tab.

QUICK SEARCH

ADVANCED SEARCH

#### QUICK SEARCH

|                   |   |                |   |
|-------------------|---|----------------|---|
| HRN:              | <input type="text"/>                    |                |   |
| Last Name:        | <input type="text"/>                    | First Name:    | <input type="text"/>                    |
| Gender:           | <input type="text" value="- Select -"/> | Date of Birth  | <input type="text"/>                    |
| City              | <input type="text"/>                    | State/Province | <input type="text"/>                    |
| Zip / Postal Code | <input type="text"/>                    | Country        | <input type="text" value="- Select -"/> |

Search

Cancel

# **Using EHR to Improve Individual and Population Health**

**How many I/T/U clinics use EHR? They will have to be specifically targeted.**

**Meaningful use does not intend to increase the number of clinics using EHR; it wants to increase the meaningful use of existing EHRs.**

**Can those who use EHR share information with each other or with other agencies?**

**What about sharing direct IHS/Tribal/Urban (I/T/U) EHR data with Medicaid/Medicare or private insurance for third-party billing? (i.e. if the patient is referred outside of the I/T/U clinic, does the outside hospital or clinic have access to the I/T/U EHR?)**



# Using EHR to Improve Individual and Population Health

**Do we want to make policies that force I/T/U clinic databases to share contact information (like E-mails or addresses) so clinics can contact community members who may be at special risk for pandemics? Patient choice—to sign confidentiality.**

**These policies could also enable the clinics to target diabetics or renal patients and send specific information such as a foot clinic without getting in trouble for violating patient confidentiality.**

**How does Health Insurance Portability and Accountability Act (HIPAA) affect the meaningful use of EHR? How will I/T/U clinics electronically exchange patient information?**



# **Using EHR to Improve Individual and Population Health**

**These are all policy related questions. The IHS, the Tribes, and the urban clinics will need to write policies that are compliant with HIPPA. The idea of improving the prevention efforts and the care for chronic disease is extraordinary. Putting this new technology to use will greatly enhance the medical professional's access to the community and individual well-being. The I/T/ U will only need to work hard to come up with satisfactory policies.**

# Next Steps

- Pilot site identified—Tuscon Area
- Hopefully by December 2010

Conclusion:  
Electronic  
Communication with  
the patient is coming.