

THE INDIAN HEALTH SERVICE

# Indian Health Service Electronic Health Record



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Superior Health Information Management  
Now and for the Future

**Information Systems Advisory Council**

**March 30, 2006**

# Objectives

- Current deployment status of EHR
- EHR-related releases to date
- Current development status
- 2006 Area Director performance contracts
- Status of 2005 DM funds
- Plans for 2006 DM funds
- Outside interest in RPMS and EHR



**ABERDEEN (0)**[Scott Anderson](#)**ALASKA (2)**[Johanna Darrough](#)

Chief Andrew Isaacs Health Center	Fairbanks	AK	Clinic	Tribal	<a href="#"><u>Walter Palkovitch</u></a>
Maniilaq Hospital	Kotzebue	AK	Hospital	Tribal	

**ALBUQUERQUE (2)**[Joseph Lucero](#)

Santa Fe Indian Hospital	Santa Fe	NM	Hospital	IHS
Mescalero Indian Hospital	Mescalero	NM	Hospital	IHS

**BEMIDJI (2)**[Alan Fogarty](#)

Red Lake Indian Hospital	Red Lake	MN	Hospital	IHS
— Ponemah Health Center	Ponemah	MN	Clinic	IHS

**BILLINGS (9)**[Tony Fisher](#)

Crow Indian Hospital	Crow Agency	WY	Hospital	IHS
— Lodge Grass Clinic	Lodge Grass	MT	Clinic	IHS
— Pryor Health Clinic	Pryor	MT	Clinic	IHS
Fort Washakie Health Center	Fort Washakie	WY	Clinic	IHS
— Arapahoe Health Center	Arapahoe	MT	Clinic	IHS
Poplar Health Center	Poplar	MT	Clinic	IHS
— Wolf Point Health Center	Wolf Point	MT	Clinic	IHS
Browning Indian Hospital	Browning	MT	Hospital	IHS
Lame Deer Health Center	Lame Deer	MT	Clinic	IHS



**CALIFORNIA (1)**[Steve Lopez](#)

<b>Indian Health Council</b>	<b>Valley Center</b>	<b>CA</b>	<b>Clinic</b>	<b>Tribal</b>
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**NASHVILLE (2)**[Floyd Dennis](#)

<b>Cherokee Indian Hospital</b>	<b>Cherokee</b>	<b>NC</b>	<b>Hospital</b>	<b>Tribal</b>
<b>— Snowbird Health Station</b>	<b>Robbinsville</b>	<b>NC</b>	<b>Clinic</b>	<b>Tribal</b>

**NAVAJO (3)**[Daisy Barney](#)

<b>Fort Defiance Indian Hospital</b>	<b>Fort Defiance</b>	<b>AZ</b>	<b>Hospital</b>	<b>IHS</b>
<b>Chinle Comprehensive Health Care Center</b>	<b>Chinle</b>	<b>AZ</b>	<b>Hospital</b>	<b>IHS</b>
<b>— Tsaile Health Center</b>	<b>Tsaile</b>	<b>AZ</b>	<b>Clinic</b>	<b>IHS</b>

[Ida McVicker](#)**OKLAHOMA (6)**[Pat Cox](#)

<b>Carnegie Health Center</b>	<b>Carnegie</b>	<b>OK</b>	<b>Clinic</b>	<b>IHS</b>
<b>WW Hastings Indian Hospital</b>	<b>Talequah</b>	<b>OK</b>	<b>Hospital</b>	<b>IHS</b>
<b>Carl Albert Indian Hospital</b>	<b>Ada</b>	<b>OK</b>	<b>Hospital</b>	<b>Tribal</b>
<b>— Purcell Health Clinic</b>	<b>Purcell</b>	<b>OK</b>	<b>Clinic</b>	<b>Tribal</b>
<b>Claremore Indian Hospital</b>	<b>Claremore</b>	<b>OK</b>	<b>Hospital</b>	<b>IHS</b>
<b>Choctaw Indian Health Care Center</b>	<b>Talihina</b>	<b>OK</b>	<b>Hospital</b>	<b>Tribal</b>

[Rod Copley](#)[Ronald Fondren](#)[Marty Smith](#)

**PHOENIX (7)**[Verna Kuka](#)

Hu Hu Kam Memorial Hospital	Sacaton	AZ	Hospital	Tribal
— Gila Crossing Clinic	LaVeen	AZ	Clinic	Tribal
— Ak Chin Clinic	Maricopa	AZ	Clinic	Tribal
Whiteriver Indian Hospital	Whiteriver	AZ	Hospital	IHS
— Cibecue Health Center	Cibecue	AZ	Clinic	IHS
Hopi Indian Hospital	Polacca	AZ	Hospital	IHS
Phoenix Indian Medical Center	Phoenix	AZ	Hospital	IHS

[Catherine Moore](#)**PORTLAND (7)**[Robert Adams](#)

Warm Springs Health Center	Warm Springs	OR	Clinic	IHS
Western Oregon Health Center	Chemawa	OR	Clinic	IHS
Cow Creek Health & Wellness Center	Roseburg	OR	Clinic	Tribal
Wynecoop Memorial Clinic	Wellpinit	WA	Clinic	IHS
Sophie Trettevick Health Center	Neah Bay	WA	Clinic	IHS
Not-Tsoo Gah-Nee Health Center	Fort Hall	ID	Clinic	IHS
Shoshone-Bannock Tribal Health	Fort Hall	ID	Clinic	Tribal

**TUCSON (0)**[Dale Armstrong](#)

## PHARMACY / EHR SOFTWARE INSTALLED

<b>ABERDEEN</b>		<b>OKLAHOMA</b>
Pine Ridge Indian Hospital		Pawhuska Indian Health Center
Winnebago Indian Hospital		<b>PHOENIX</b>
<b>ALBUQUERQUE</b>		Fort Mojave Health Center
<b>BILLINGS</b>		Parker Indian Hospital
Harlem Indian Hospital (Fort Belknap)		Fallon Tribal Health Clinic
<b>CALIFORNIA</b>		<b>PORTLAND</b>
Feather River Tribal Health Clinic		Roger Saux Health Center
Lassen Indian Health Center		Yakama Health Center
Central Valley Indian Health Clinic		Nimiipuu Tribal Health Center
<b>NASHVILLE</b>		Colville Indian Health Center
Mic Mac Health Department		Reno-Sparks Tribal Health Center
Poarch Band of Creek Indian Clinic		<b>TUCSON</b>
<b>NAVAJO</b>		Santa Rosa Health Center
Gallup Indian Medical Center		
Kayenta Health Center		
Tuba City Indian Hospital		
Winslow Indian Health Center		

# EHR Related Releases

- **Suicide Reporting Form**
  - National initiative for suicide data collection
  - Available to all providers (not just BH)
- **Reminders**
  - Activates IHS health maintenance and disease-specific reminders in EHR
  - Managed release to EHR sites
- **Health Summary Components**
  - IHS HS components in ad hoc reports and notes
- **EHR Client Updater Service**
  - Improves security of client machines

# Current Development

- **EHR v1.1**
  - Current alpha testing at Cherokee, Chickasaw
  - Beta test beginning late April/May
    - Warm Springs, Fort Defiance, Whiteriver
  - Tentative release of v1.1 end June/July
- **Behavioral Health Components**
  - Testing tentatively in May, release ~June/July
- **EHR v2 requirements development in process**
  - Upgrades from VHA – CPRS later versions
  - User-defined enhancements and fixes
  - Version 2 release ~end 2007
- **VistA Imaging**

# 2006 AD Performance Contracts

- Submit a plan for 2008 EHR deployment by 3/31/06
- Complete the 2006 portion of the plan by 9/30/06
- Create support infrastructure for EHR within Area Office by 9/30/06

# 2008 Deployment Targets by Area

- **Aberdeen**
  - 31 Federal sites (18 remote satellites), none live
- **Alaska**
  - No Federal sites
- **Albuquerque**
  - ~20 Federal sites, two live
- **Bemidji**
  - 6 Federal sites
    - 2 are live, 1 in 2006, 3 in 2007/2008

# 2008 Deployment Targets by Area

- **Billings**
  - 13 federal sites, 10 live, 3 satellites pending
- **California**
  - No federal sites
- **Nashville**
  - One federal site
- **Navajo**
  - ~23 Federal sites (unvalidated), 3 live, 4 installed

# 2008 Deployment Targets by Area

- **Oklahoma**
  - 13 federal sites, 3 are live, one installed
- **Phoenix**
  - 17 federal sites, 4 are live, 2 installed
- **Portland**
  - 8 federal sites, 7 are live, one pending
- **Tucson**
  - 4 federal sites, none are live, one installed

# Diabetes Program \$\$ for IT (2005)

## 2005 Overall Summary

**Allocated: \$2,412,000**

<b>Categories</b>	<b>Amounts</b>	<b>Categories</b>	<b>Amounts</b>
Site Hardware	\$1,769,827	Area Hardware	\$167,063
Site Staffing	\$425,951	Area Staffing	\$270,000
Site Training	\$183,100	Area Training	\$33,000
Site Unspecified	\$405,200	Area Unspecified	\$0
<b>Total Planned</b>	<b>\$3,254,141</b>	<b>Local/Area Cost</b>	<b>\$842,141</b>

# Diabetes Program Funds for 2006

- Approximately same level anticipated for Area distribution (~\$2.4M)
- Formula not determined, input welcomed
- Base figure for all Areas to assist with Area-level EHR support infrastructure
- Target funds to Areas with greater challenges in meeting 2008 mandate
- BUT with performance requirements

# Outside interest in EHR

- **NASA**
  - Adopting RPMS/EHR for 14 sites
  - Developing occupational medicine module
  - Contract pending with Medsphere
  - Wants RPMS training from IHS
- **West Virginia Primary Care Network**
  - Adopting RPMS/EHR for rural health care network
  - Contracting with Medsphere for implementation & support
- **HHS**
  - Presentation for Dep Sec Alex Azar 2/22/06
  - Interest in an emergency deployable EMR solution
- **INS**
  - Presentation pending 3/31/06
- **IHI**
  - Presentation pending 4/14/06



Resources for Management



# IHS · EHR Electronic Health Record



EHR Home

Clinical  
view

Technical  
view

Walk Through

Preparing for EHR

Current Status

EHR Program  
facts

RPMS Information  
Management System  
(S) Application

Presentations

FAQ

Feedback

Listserv

Local Applications  
Site

## Welcome to the IHS Electronic Health Record Website

These pages will introduce you to the Indian Health Service's latest medical software application, the IHS Electronic Health Record (EHR). The site is designed primarily for IHS, Tribal, and Urban (I/T/U) Indian health care facilities that are actively involved in implementation of IHS-EHR, or are contemplating doing so in the near future. It provides a variety of information about the EHR product, as well as links to a number of helpful documents.

The Indian Health Service has long been a pioneer in using computer technology to capture clinical and public health data. The IHS clinical information system is called the Resource and Patient Management System (RPMS). Its development began nearly 30 years ago, and many facilities have access to decades of personal health information and epidemiological data on local populations. The primary clinical component of RPMS, Patient Care Component (PCC), was launched in 1984. IHS-EHR represents the next phase of clinical software development for the IHS.



# www.ihs.gov/cio/ehr

On this site we invite you to explore the following areas:

- » **EHR Clinical Overview** - Learn the key capabilities of EHR as seen by the user in clinical practice.
- » **EHR Technical Overview** - Learn how EHR relates to the rest of RPMS, and the technical and hardware specifications required to operate it.
- » **EHR Walk Through** - View the EHR application either through an animated Flash demonstration (with sound) or still pictures and text.
- » **Preparing for EHR** - Learn what facilities can do to begin the process of preparation for this new clinical technology.

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# Discussion



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