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## Arizona Medical Information Exchange (AMIE)

August 2009

AHCCCS, Arizona's single Medicaid agency, was awarded a Medicaid Transformation Grant on January 25, 2007 to develop and implement an electronic web based health information exchange (HIE) to give all Medicaid providers instant access to patients' health information at the point of care. The Federal funds are being used to support the planning, design, development, testing, implementation, and evaluation of Arizona's first functional Health Information Exchange (HIE), the Arizona Medical Information Exchange (AMIE).

The **Arizona Medical Information Exchange (AMIE) Proof of Concept** was launched on September 29, 2008. Although AMIE continues to operate, the Proof of Concept ended on December 29, 2008. An in-depth evaluation and findings report of all aspects of the Proof of Concept was completed by the University of Arizona in April of 2009. The AMIE Proof of Concept enabled 39 AMIE certified and credentialed AHCCCS registered clinicians to identify patients, locate their relevant medical information, and view individual patient records. AHCCCS does not use, collect or store the clinical data; AMIE simply provides the means for clinicians to locate and view information available from health care facilities participating in AMIE, for treatment purposes only.

The "proof of concept" included:

- **Hospital Discharge Summaries** (from Maricopa Integrated Health Systems, St. Joseph's Hospital and Medical Center, and selected Banner Health facilities)
- **Laboratory Test Results** (from Sonora Quest Laboratories)
- **Medication History** (from Managed Care Pharmacy Consultants)

These "starter" record types were identified by clinicians as being of the highest value with respect to records that could be made available through a HIE. Although the sites and users were limited during the "proof of concept," AHCCCS is committed to maximizing the medical information available to those providers using the HIE at the selected emergency and ambulatory sites to aid in treating patients.

Due to the interest from the participating clinicians, and the value already being realized through the initial launch of AMIE, additional clinicians are being added as users and the expansion of data sources available through AMIE is being explored.

Starting February 1, 2009, the **AMIE Behavioral Health Expansion** began. AHCCCS, working with the Division of Behavioral Health Services (DBHS) from the Arizona Department of Health Services (ADHS), and the Regional Behavioral Health Authorities (RBHAs), has added behavioral health medication information to the AMIE medication histories, and approximately 30 behavioral health care providers to access the information available through AMIE using the AMIE web-based Viewer.

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## Current AMIE statistics as of August 4, 2009

Over 2.5M patients are in the AMIE Master Patient Index.

**There are over 5.5 M records available through AMIE:**

Organization	Total
Banner Baywood Medical Center	21,678
Banner Desert Medical Center	26,620
Banner Estrella Medical Center	13,269
Banner Gateway Medical Center	8,338
Banner Heart Hospital	5,573
Managed Care Pharmacy Consultants, Inc	898,977
MIHS	8,372
SJHMC	17,129
SonoraQuest	4,533,882
<b>Grand Total</b>	<b>5,533,838</b>

**AMIE currently can provide access to 10 different types of records:**

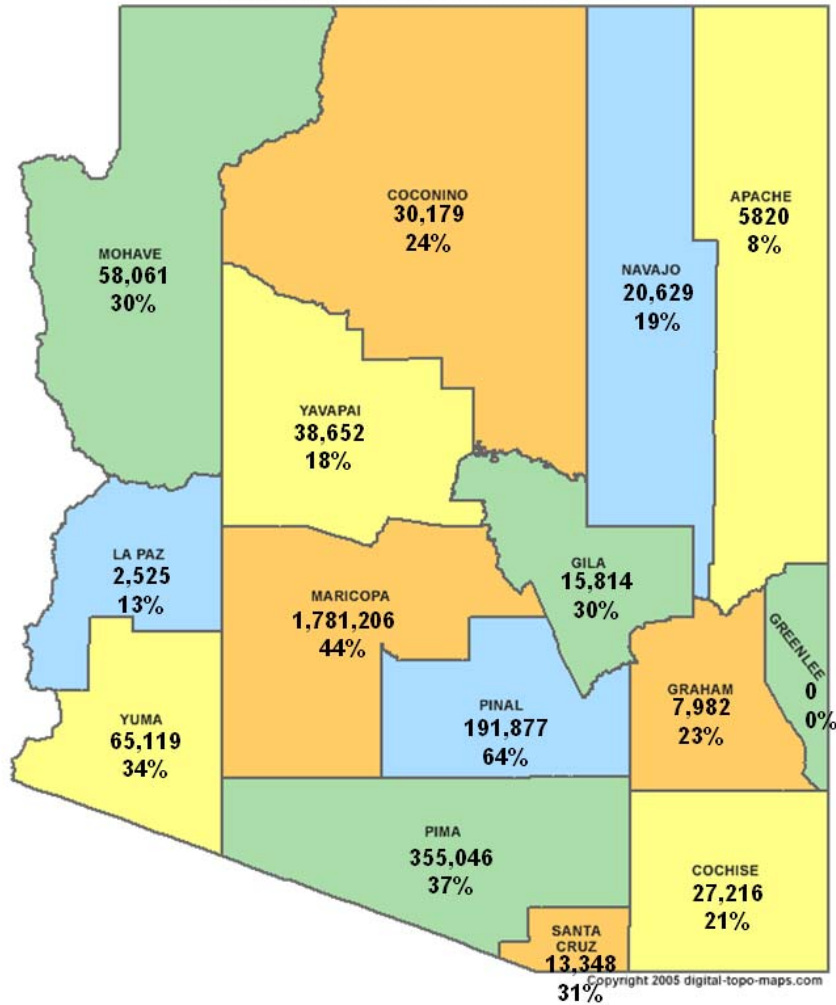
Record Type	Total
Cardiac Study/Report	1,313
Consultation	12,760
Discharge Summary	69,678
Emergency Report	1,223
History and Physical	9,299
Lab Report	4,533,882
Medication History	898,977
Operative Report	5,114
Procedure Note	52
Study Report	1,540
<b>Grand Total</b>	<b>5,533,838</b>

## AMIE Statewide Patient Distribution

# AMIE Coverage By County

As of August 4, 2009

County Populations from 2007 Est. U.S. Census



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Number of patients in AMIE as a percentage of the total county population.

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