AHCCCS Promoting Interoperability (PI) Program
Facilitating a Transition of Care via the Health Information Exchange (HIE)
What Is the Health Information Exchange (HIE)

The Health Information Exchange or HIE connects the electronic health record (EHR) systems of providers and clinicians allowing them to securely share patient information and better coordinate care. Health Current is Arizona’s health information exchange, connecting about 690 Arizona organizations, from first responders, hospitals, labs, community behavioral health and physical health providers to post-acute care and hospice providers. We integrate information with the delivery of care to improve the health and wellbeing of individuals and communities.

For more information regarding the Health Information Exchange, please recruitment@healthcurrent.org
Benefits of the Health Information Exchange (HIE)

Healthcare clinicians have always been able to provide better care when they have more complete information on their patients. More complete patient information and better coordinated care is more important than ever today when the healthcare industry faces a future of value-based care where payment is based on value and outcomes rather than the amount or type of services delivered.

The general types of information provided are:

**Part 2 Data**
Data from this organization includes Part 2 (42 CFR Part 2) information that is afforded special confidentiality protection and requires Part 2 consent.

**ADTs**
These notifications of admissions, discharges and transfers (ADTs) may contain immunizations, medications, problem lists, treatments/procedures and other documents.

**Clinical information**
These records may be Continuity of Care Documents (CCDs) or HL7 v2 messages containing immunizations, medications, problem lists, lab or radiology reports, treatments/procedures, allergies and other clinical documents.

For more information regarding the Health Information Exchange, please contact recruitment@healthcurrent.org
AHCCCS Promoting Interoperability (PI) Program
Objective 7, Measure 1

In order to count a transition of care or referral in the numerator, the action must occur within the calendar year in which the PI (EHR) reporting period occurs.

The referring EP must have reasonable certainty of receipt by the receiving provider to count the action toward the measure.

✓ An EP must have a confirmation of receipt or that a query of the summary of care record has occurred in order to count the action in the numerator.

The initiating EP must send a C–CDA document that the receiving provider would be capable of electronically incorporating as a C–CDA on the receiving end.

✓ In other words, if an EP sends a C–CDA and the receiving provider converts the C–CDA into a pdf, a fax, or some other format, the sending EP may still count the transition or referral in the numerator.

✓ If the sending provider converts the file to a format the receiving provider could not electronically receive and incorporate as a C–CDA, the initiating EP may not count the transition in their numerator.

Documentation Requirements for Measure 1
A CEHRT-generated dashboard* for the selected PI (EHR) reporting period that shows the following:
✓ Provider’s Name
✓ Numerator
✓ Denominator
✓ Measure Percentage
HIE Portal – HIE User Account Roles

HIE Portal – Logging on to the HIE Portal

✓ Use this link to Login to the HIE Portal: https://portal.healthcurrent.org
✓ Use Account ID (Username) (*Not your email address)
HIE Portal – Select Patient

Required Patient Search Criteria:
1. Patient First Name
2. Patient Last Name
3. Patient Date of Birth
4. Search Reason
HIE Portal – Confirm Patient

1 item found:

- Date of Birth: 06/07/1942
- First Name: Marilyn
- Last Name: Ardell

<table>
<thead>
<tr>
<th>Community ID</th>
<th>Name</th>
<th>Date of Birth</th>
<th>Gender</th>
<th>Voice #</th>
<th>SSN</th>
</tr>
</thead>
<tbody>
<tr>
<td>520607</td>
<td>Ardell, Marilyn</td>
<td>06/07/1942</td>
<td>Female</td>
<td>(530) 000-0000</td>
<td><em><strong>-</strong></em>-7459</td>
</tr>
</tbody>
</table>

Patient Details:

- Current Name: Ardell, Marilyn
- Date of Birth: 06/07/1942
- Gender: Female
- SSN: ***-***-7459
HIE Portal – Patient Summary

The patient’s record has now been displayed in its entirety in the screenshot below, if multiple clinical sections are assigned to the same box in the grid, the clinical section names appear in tabs at the top of the box. Click a tab to view the data for that clinical section.
HIE Portal – Patient Summary

The number in parentheses next to each section header indicates the number of data items in that section. You can view clinical messages and download files that pertain to the patient whose data you are viewing.
HIE Portal – Patient Summary: Data Range Specifications

The Patient Summary sub-tab page consists of a grid of patient-care history referred to as clinical sections. The number in parentheses next to each section header indicates the number of data items in that section. You can view clinical messages and download files that pertain to the patient whose data you are viewing.

Initially, when the patient summary loads, you will notice there is an icon stating, “Data Limited to Last 30 Days” in the upper right-hand corner.

To view additional data, you can select to show data in 30-Day increments by clicking on “Show Next 30 Days” of Data or you can select “Show All Data”.
HIE Portal – Show All Data
HIE Portal – Patient Summary
The number in parentheses next to each section header indicates the number of data items in that section. You can view clinical messages and download files that pertain to the patient whose data you are viewing.
HIE Portal – View Results

1. Click on the More Tab to see other Encounters: Emergency & Inpatient Encounters,
HIE Portal – View Results
The User will be able to view more detail about the data items in any of the clinical sections.
1. Hover over an item with your mouse cursor, a small pop-up box will appear with a brief overview of the result.
HIE Portal – View Results

2. Where appropriate, these pop-up windows may also have links to other related data, such as the links for “View Condition Details” and “View Result Details” which is shown in the example below. When Clicking on the Entry, you will view Result Details.
HIE Portal – Downloading Summary PDF

The Download Summary PDF dialog opens in which you are able to specify a date range to download or **download without a specified date range**.
HIE Portal – Downloading Summary PDF

The Download Summary PDF dialog opens in which you are able to specify a date range to download or download without a specified date range.
HIE Portal – **Downloading**, Sharing, Sending Encounter

1. Download Document

2. Download to (Desktop)
HIE Portal – Downloading, Sharing, **Sending Encounter**

1. Select Web Mail
2. Select Compose
3. Select Recipient
4. Select Attach a File (Saved File on Desktop)
5. Select Upload
HIE Portal – Downloading, Sharing, **Sending Encounter**

6. Compose Message
7. Select Send

8. Confirm Message Sent
HIE Portal – Downloading, Sharing, **Receiving Encounter**

9. Receiving Alert Notification in Organization Email

You have received a new DIRECT message!

Health Current <noreply@healthcurrent.org>
To: Cindy Manning

You have received a new DIRECT message! Please click on the link below to log in and view your message.

https://direct.healthcurrent.org/mail

[Image of email interface showing the received message and the inbox]
HIE Portal – Downloading, Sharing, Receiving Encounter

10. Opening Encounter in Mirth Web Mail
HIE Portal – Share Patient Summary

Using the ‘Patient Actions’ box on the ‘Summary’ tab allows the user to send a summary of the patient’s record to other providers and/or download a summary for their organization’s records in both machine and human readable format.
Row 1: Message was successfully sent.

Clinical Message Notification

This is a clinical message notification.

Please see attachment for the message that matched your subscription policies.

Sent via Mirth Mail
HIE Portal – Share Patient Summary

Marilyn Ardel
12345 TEST PATIENT Tucson, AZ 85745
Female 06/07/1944

Table of Contents
Allergies and Adverse Reactions
Encounters
Interventions
Medications
Insurance Provider
Procedures, Conditions, and Diagnoses
Signature/Procedures
Results
Visit Signs

Allergies and Adverse Reactions

<table>
<thead>
<tr>
<th>Type/Condition</th>
<th>Reaction</th>
<th>Status</th>
<th>Start Date</th>
<th>Data Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>Code (1)</td>
<td>Severe Snoring</td>
<td></td>
<td>10/15/2004</td>
<td>TEST Org 1</td>
</tr>
<tr>
<td>Penicillin (1)</td>
<td>Reconstituted</td>
<td></td>
<td>10/15/2004</td>
<td>TEST Org 1</td>
</tr>
<tr>
<td>Calcium (1)</td>
<td>Produces hives</td>
<td></td>
<td>10/15/2004</td>
<td>TEST Org 1</td>
</tr>
</tbody>
</table>

Encounters

<table>
<thead>
<tr>
<th>Class/Admission</th>
<th>Service</th>
<th>Status</th>
<th>Associated Providers</th>
<th>Location</th>
<th>Assigning Facility</th>
<th>Encountering Date</th>
<th>Data Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>Outpatient</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Inpatient</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Results

<table>
<thead>
<tr>
<th>FAS</th>
<th>DAS</th>
<th>Name</th>
<th>Source</th>
<th>Ordering Provider</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Dr. James</td>
<td></td>
<td>TEST Org 1</td>
</tr>
</tbody>
</table>

Diagnoses and Conditions

<table>
<thead>
<tr>
<th>Description</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>
HIE Portal – **Downloading**, Sharing, Sending CCDA

The Download a Consolidated Clinical Document Architecture (CCDA) CCD dialog opens in which you specify a date range for a summary file to be downloaded as a CCDA CCD.
HIE Portal – **Downloading**, Sharing, Sending CCDA

The Download a Consolidated Clinical Document Architecture (CCDA) CCD dialog opens in which you specify a date range for a summary file to be downloaded as a CCDA CCD.

The CCDA CCD will open in XML format.
HIE Portal – Downloading, **Sharing, Sending CCDA**
HIE Portal – Downloading, **Sharing, Sending CCDA**

Message was successfully sent.
HIE Portal – Downloading, Sharing, Sending CCDA
HIE Portal – Downloading, **Sharing, Sending CCDA**
HIE Portal – Downloading, Sharing, Sending, Receiving CCDA
HIE Portal – Downloading, Sharing, Sending, Receiving CCDA
HIE Portal – Downloading, **Sharing, Sending, Receiving CCDA**

Table of Contents

- Allergies and Adverse Reactions
- Encounters
- Immunizations
- Medications
- Insurance Providers
- **Problems, Conditions, and Diagnoses**
- Surgeries/Procedures
- Results
- Vital Signs

<table>
<thead>
<tr>
<th>Code</th>
<th>Display Name</th>
<th>Description</th>
<th>Problem Type</th>
<th>Effective Dates</th>
<th>Data Source(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>250.00</td>
<td>DIABETES MELLITUS WITHOUT MENTION OF COMPLICATION TYPE II OR UNSPECIFIED TYPE NOT STATED AS UNCONTROLLED</td>
<td>DIABETES Diagnosis</td>
<td>05/01/2013 10:30:05 AM MST</td>
<td>TEST Org 1</td>
<td></td>
</tr>
<tr>
<td>HYPERTENSION</td>
<td>HYPERTENSION</td>
<td>HYPERTENSION Diagnosis</td>
<td>05/01/2013 10:30:05 AM MST</td>
<td>TEST Org 1</td>
<td></td>
</tr>
<tr>
<td>Traumatic brain injury</td>
<td>Traumatic brain injury</td>
<td>Traumatic brain injury Final</td>
<td>01/29/2012 01:00:00 AM MST - 03/26/2011 12:00:00 AM MST</td>
<td>TEST Org 1</td>
<td></td>
</tr>
<tr>
<td>Peritonitis</td>
<td>Peritonitis</td>
<td>Peritonitis Discharge</td>
<td>08/26/2011 12:00:00 AM MST - 12/19/2009 01:00:00 AM MST</td>
<td>TEST Org 1</td>
<td></td>
</tr>
<tr>
<td>Cardiac arrhythmia</td>
<td>Cardiac arrhythmia</td>
<td>Cardiac arrhythmia Admission</td>
<td>11/05/2003 01:00:00 AM MST - 12/20/2011 01:00:00 AM MST</td>
<td>TEST Org 1</td>
<td></td>
</tr>
<tr>
<td>Elevated troponin</td>
<td>Elevated troponin</td>
<td>Elevated troponin Diagnosis</td>
<td>TEST Org 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fatty liver</td>
<td>Fatty liver</td>
<td>Fatty liver Diagnosis</td>
<td>TEST Org 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Unspecified preglaucoma</td>
<td>Unspecified preglaucoma</td>
<td>Unspecified preglaucoma Diagnosis</td>
<td>TEST Org 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Essential Hypertension</td>
<td>Essential Hypertension</td>
<td>Essential Hypertension Diagnosis</td>
<td>TEST Org 1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
HIE Portal – Downloading, **Sharing, Sending, Receiving CCDA**
HIE Portal – Downloading, Sharing, Sending, Receiving CCDA
HIE Portal – Downloading, Sharing, Sending, Receiving CCDA
AHCCCS Promoting Interoperability (PI) Program
Objective 7

In order to count a transition of care or referral in the numerator, the action must occur within the calendar year in which the PI (EHR) reporting period occurs.

The referring EP must have reasonable certainty of receipt by the receiving provider to count the action toward the measure.

- An EP must have a confirmation of receipt or that a query of the summary of care record has occurred in order to count the action in the numerator.

The initiating EP must send a C–CDA document that the receiving provider would be capable of electronically incorporating as a C–CDA on the receiving end.

- In other words, if an EP sends a C–CDA and the receiving provider converts the C–CDA into a pdf, a fax, or some other format, the sending EP may still count the transition or referral in the numerator.

- If the sending provider converts the file to a format the receiving provider could not electronically receive and incorporate as a C–CDA, the initiating EP may not count the transition in their numerator.
**FAQ**

**What are ADTs?**
Notifications of **Admissions, Discharges** and **Transfers** (ADTs) that may contain immunizations, medications, problem lists, treatments/procedures, and other documents.

**Is there a fee or a charge to belong to the HIE?**
No. **Not** for Community Providers.

**What is Clinical Information?**
These records may be Continuity of Care Documents (CCDs) or HL7 v2 messages containing immunizations, medications, problem lists, lab or radiology reports, treatments/procedures, allergies, and other clinical documents.

**Clinical Quality Measures (CQMs)**
CQMs are tools that help measure and track the quality of health care services provided by eligible professionals, eligible hospitals, and critical access hospitals (CAHs) within our health care system. These measures use data associated with providers’ ability to deliver high-quality care or relate to long term goals for quality health care. To find out more visit CMS.

**What is a CCD?**
A CCD is an XML-based markup standard intended to specify the encoding, structure, and semantics of a patient summary clinical document for exchange. It provides a means for one health care practitioner, system, or setting to aggregate pertinent data about a patient and forward it to another practitioner, system or setting to support the continuity of care. View more information.

**What is a Data Provider?**
Participants who supply information to Health Current through their electronic systems (EHR, EMR)

**What is a HIE Portal User?**
Individuals employed by a Participant who actively utilize HIE data in the HIE Portal

**What is HITECH?**
Health Information Technology for Economic and Clinical Health Act
FAQ

**What is HL7?**

Health Level Seven (HL7) refers to a set of international standards for transfer of clinical and administrative data between software applications used by various healthcare providers. These standards focus on the application layer, which is “layer 7” in the OSI model. The HL7 standards are produced by Health Level Seven International, an international standards organization, and are adopted by other standards issuing bodies such as American National Standards Institute and International Organization for Standardization.

**What is Interoperability?**

Interoperability describes the capacity of one health IT application to share information with another in a computable format (that is, for example, not simply by sharing a PDF (portable document file)).

**What is Meaningful Use?**

The American Recovery and Reinvestment Act of 2009 (ARRA) created the concept of Meaningful Use, which is the set of criteria that eligible professionals (EPs), eligible hospitals (EHs) and critical access hospitals (CAHs) must meet in order to receive Medicare and/or Medicaid EHR incentives.

**What is Part 2 Data?**

Data from this organization includes Part 2 (42 CFR Part 2) information that is afforded special confidentiality protection and requires Part 2 Consent.

**What is a Participant?**

A healthcare organization that has executed a participation agreement with Health Current, enabling the organization to send and receive clinical data through the Health Information Exchange (HIE).

**What is a Patient Panel?**

A patient panel is a practice or payer provided list of patients/members they wish to receive alert notifications on.

**What is a Portal?**

Secure web-based access provided by Health Current that allows selected patient/member data to be viewed online.
FAQ

What is a Unique Patient Identifier (UPI)?

A UPI is information which identifies the patient and may consist of a set of personal characters by which that individual can be recognized. Unique Patient Identifier is the value assigned to an individual for identification purposes and is unique to that patient.

What is the HIE?

Health Current is the health information exchange (HIE) that helps partners transform care by bringing together communities and information across Arizona. The HIE provides secure access to patient health information as well as the secure exchange of patient health information between the HIE and its participating organizations and providers. The HIE is Arizona’s largest and only statewide health information organization (HIO) and its participants include hospitals, physicians, health plans, reference labs and other healthcare organizations and providers.

Is the HIE a part of State or Federal Government?

No. Neither the HIE or Health Current are a part of state or federal government. Health Current, formerly Arizona Health-e Connection is an independent non-profit community organization.

What are the benefits of HIE?

To better track and securely share patients’ complete medical histories, more and more health care providers are participating in health information exchange (HIE). HIE helps facilitate coordinated patient care, reduce duplicative treatments, and avoid costly mistakes. This practice is growing among health providers because the need for HIE is clear and the HIE benefits are significant.

What is a CCD-A?

The CCDA is the continuity of care document architecture. It is the essentially the standards that define the presentation of that same information normally presented CCD document in electronic format as defined by HL7.org.

What is an EP?

Eligible Professional

What is a Current Problem List?

A current problem list is at a minimum a list of current and active diagnoses.
**FAQ**

<table>
<thead>
<tr>
<th>Question</th>
<th>Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>What is a Care Plan?</td>
<td>A care plan is the structure used to define the management actions for the various conditions, problems, or issues. A care plan must include at a minimum the following components: goals, health concerns, assessment, and plan of treatment.</td>
</tr>
<tr>
<td>What is a Transition of Care?</td>
<td>A transition of care is the movement of a patient from one setting of care (hospital, ambulatory primary care practice, ambulatory, specialty care practice, long-term care, home health, rehabilitation facility) to another. At a minimum, this includes all transitions of care and referrals that are ordered by the EP.</td>
</tr>
<tr>
<td>What is a Referral?</td>
<td>A referral is a case where one provider refers a patient to another provider, but the referring provider also continues to provide care to the patient.</td>
</tr>
<tr>
<td>What is CEHRT?</td>
<td><strong>Certified Electronic Health Record Technology</strong> gives assurance to purchasers and other users that an EHR system or module offers the necessary technological capability, functionality, and security to help them meet the meaningful use criteria.</td>
</tr>
<tr>
<td>Can we share a patient summary or other documentation outside of Health Current’s HIE?</td>
<td>Yes. However, this is an intricate process and requires additional Set-Up by Health Current. Please contact your Account Manager to request.</td>
</tr>
<tr>
<td>What is a HISP?</td>
<td>A Health Information Service Provider, or HISP, is an accredited network service operator that enables nationwide clinical data exchange using Direct Secure Messaging (aka Direct, Direct Messaging and the Direct Project). Direct is a HIPAA compliant and interoperable transport method promoted by the Office of the National Coordinator of Health IT of the US Department of Health and Human Services (ONC/HHS). HISP and Direct are regulated and monitored by the DirectTrust.org, a governance organization empowered by HHS.</td>
</tr>
<tr>
<td>What is XML?</td>
<td><strong>eXtensible Markup Language</strong> is a markup language that defines a set of rules for encoding documents in a format that is both human-readable and machine-readable.</td>
</tr>
</tbody>
</table>

**healthcurrent**
# Health Current Resources

<table>
<thead>
<tr>
<th>Health Current Website</th>
<th>healthcurrent.org</th>
</tr>
</thead>
<tbody>
<tr>
<td>Technical Support</td>
<td>Health Current Support</td>
</tr>
<tr>
<td>Director of Programs</td>
<td>Connie Ihde</td>
</tr>
<tr>
<td>Manager, Recruitment &amp; Engagement</td>
<td>Jayme Pina</td>
</tr>
<tr>
<td>Director, Client Services</td>
<td>Catelyn Nguyen, PMP</td>
</tr>
</tbody>
</table>
# Health Current Account Management

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Senior Manager, Account Management</td>
<td>Sallie Aquiningoc</td>
<td><a href="mailto:sallie.aquiningoc@healthcurrent.org">sallie.aquiningoc@healthcurrent.org</a></td>
</tr>
<tr>
<td>Account Manager</td>
<td>Alicia Munoz</td>
<td><a href="mailto:alicia.munoz@healthcurrent.org">alicia.munoz@healthcurrent.org</a></td>
</tr>
<tr>
<td>Technical Account Manager</td>
<td>Ben Fisher</td>
<td><a href="mailto:ben.fisher@healthcurrent.org">ben.fisher@healthcurrent.org</a></td>
</tr>
<tr>
<td>Account Manager</td>
<td>Cherie Passalacqua</td>
<td><a href="mailto:cherie.passalacqua@healthcurrent.org">cherie.passalacqua@healthcurrent.org</a></td>
</tr>
<tr>
<td>Account Manager</td>
<td>Cindy Manning</td>
<td><a href="mailto:cindy.manning@healthcurrent.org">cindy.manning@healthcurrent.org</a></td>
</tr>
<tr>
<td>Technical Account Manager</td>
<td>Jodie Jarrell</td>
<td><a href="mailto:jodie.jarrell@healthcurrent.org">jodie.jarrell@healthcurrent.org</a></td>
</tr>
<tr>
<td>Technical Account Manager</td>
<td>Katherine Suarez</td>
<td><a href="mailto:katherine.suarez@healthcurrent.org">katherine.suarez@healthcurrent.org</a></td>
</tr>
<tr>
<td>Account Manager</td>
<td>Mary Ellen Hinderer</td>
<td><a href="mailto:maryellen.hinderer@healthcurrent.org">maryellen.hinderer@healthcurrent.org</a></td>
</tr>
<tr>
<td>Account Manager</td>
<td>Rachel Alban</td>
<td><a href="mailto:rachel.alban@healthcurrent.org">rachel.alban@healthcurrent.org</a></td>
</tr>
<tr>
<td>Account Manager</td>
<td>Sandra Fife</td>
<td><a href="mailto:sandra.fife@healthcurrent.org">sandra.fife@healthcurrent.org</a></td>
</tr>
</tbody>
</table>