



QUALITY HEALTH

N•E•T•W•O•R•K

Improving care through shared technology

Grand Junction, CO

September 2006 Status

Incorporated - August 2004

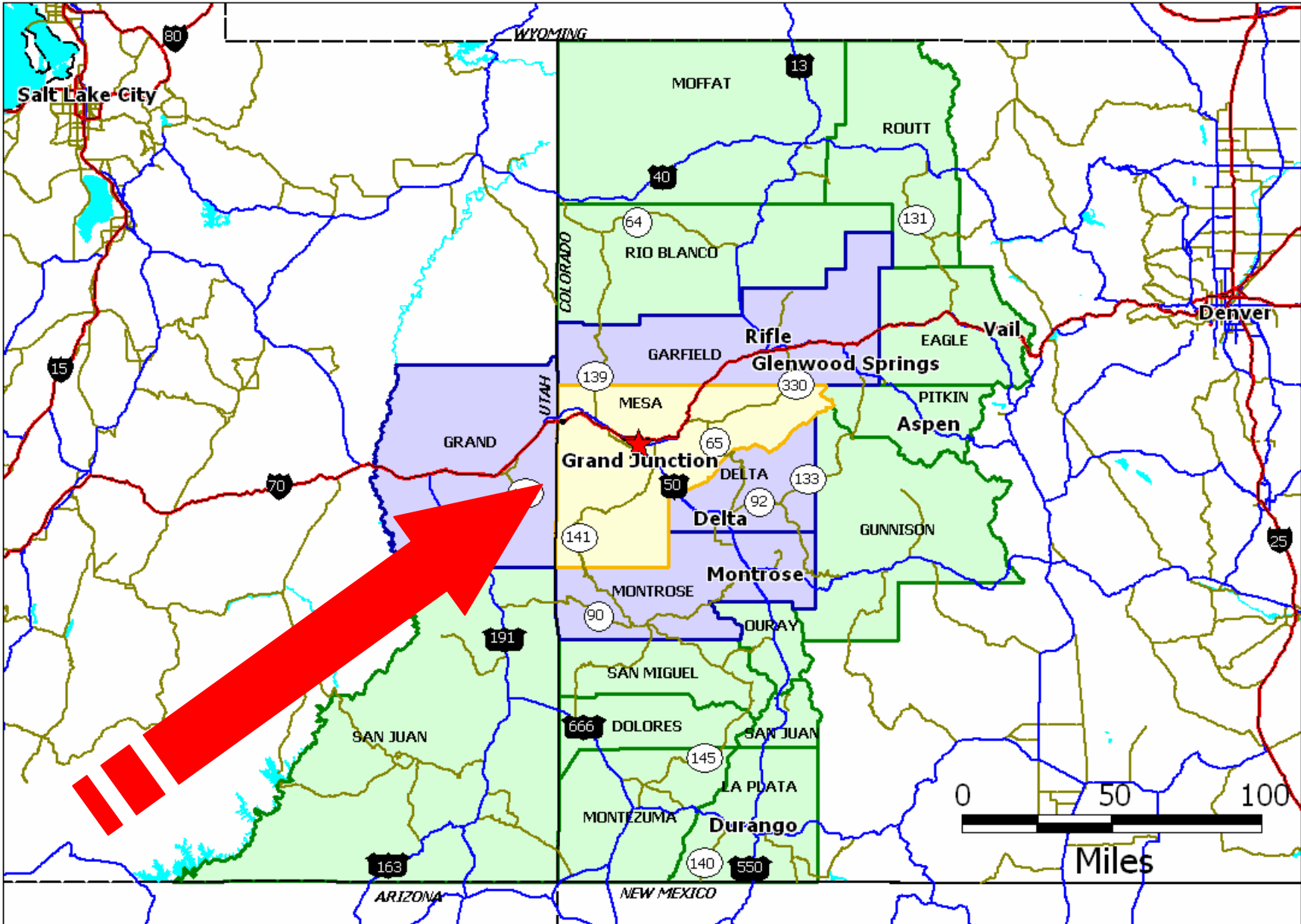
501(C)3 – December 2005

Live Operations - October 2005

Dick Thompson

Executive Director

Medical Trade Area: Western Colorado & Eastern Utah



Large Rural Area – Small Population

- W. Colorado Population = 450,000
 - 40,000 Square Miles
 - 20 Small Hospitals
 - 1,014 Physicians
- Colorado Population = 4,500,000
 - 104,247 Square Miles
 - 6,769 Physicians



Demographics – Grand Junction

- Mesa County Population - 125,000
 - 3,328 Square Miles
 - Per Capita Income = \$24,693
 - Two Acute Care Hospitals plus VA Hospital
 - Two Surgery Centers
 - 311 Physicians

QHN Original Goals:

- Optimize the Health of our Community
- Improve efficiency & eliminate redundancy
 - Improve productivity and patient outcomes
- Increase Patient / Provider Satisfactions

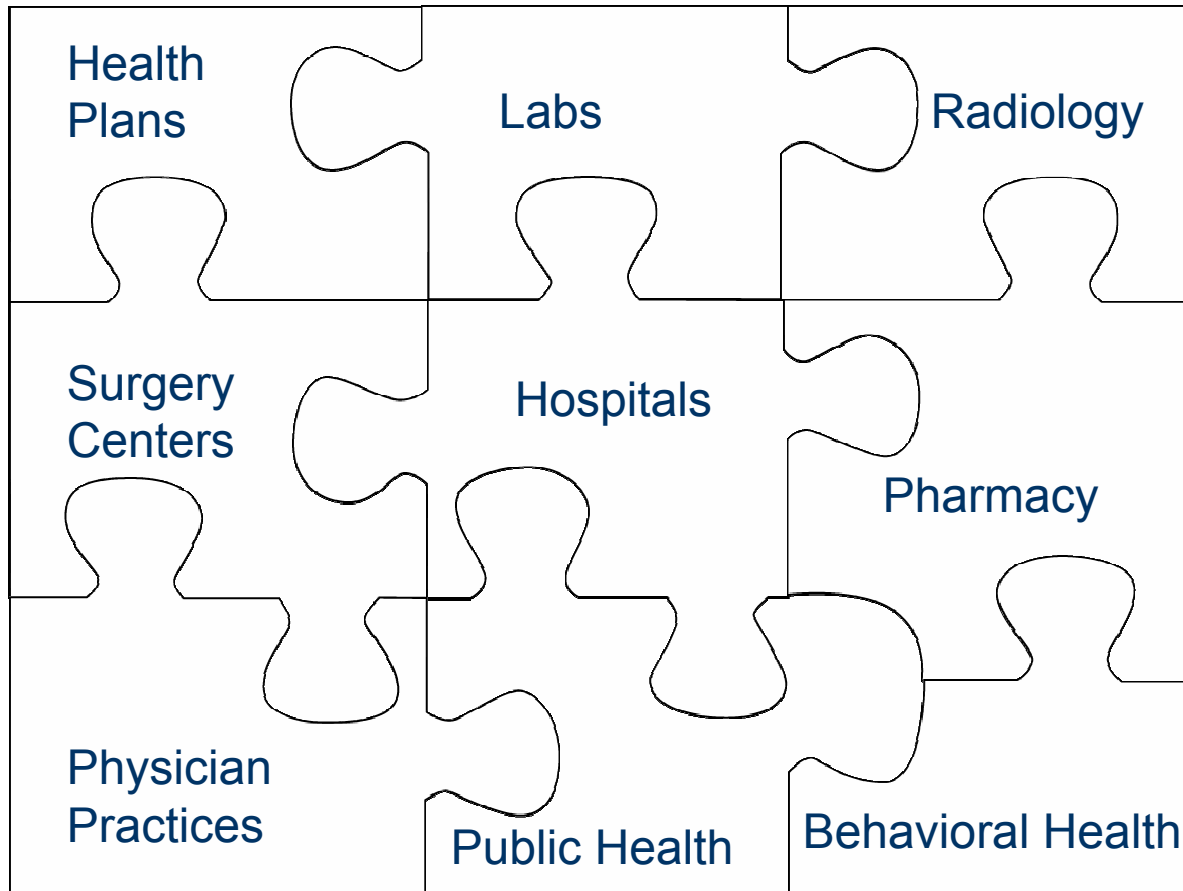
Collaborative / Competitive Ecosystem

- Diverse Funding/Founders
 - Community Hospital
 - St Mary's Hospital
 - Mesa County Physicians IPA
 - Rocky Mountain Health Plans
 - Hilltop Resources
- “A-political” Level Playing Field
 - Reduce Partisan Politics

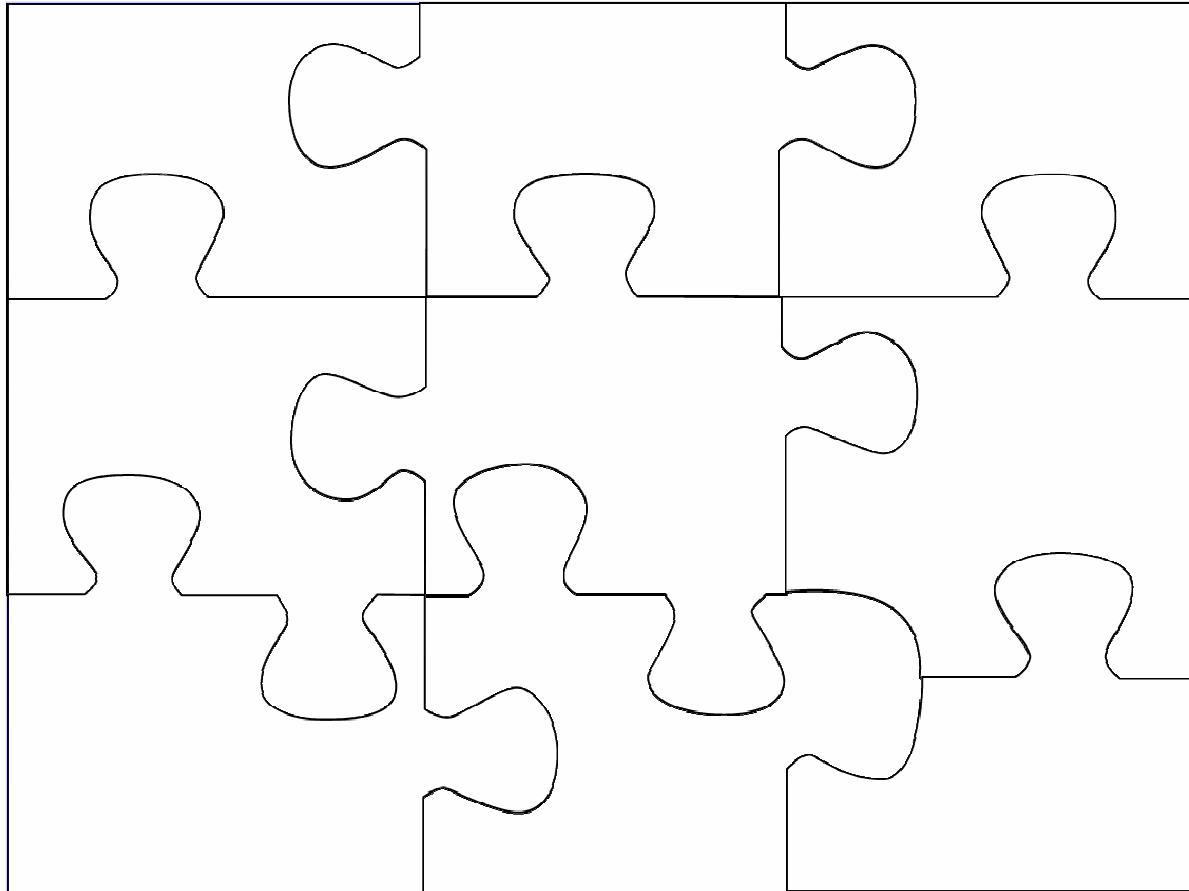
Board of Directors:

- Quality Oversight Committee
 - “Who Pneu” Project (Pneumonia Immunizations)
 - Public Health Collaboration – Reportable Conditions
 - Disease Management & Registry Workgroup
 - Diabetes, Cardio, Asthma, Obesity
 - Tobacco Cessation Workgroup
- Quality Health Information Network Committee
 - Clinical Advisory Committee
 - Ombudsman Work Groups

Everyone Contributes Information to “Solve the Patient Puzzle”

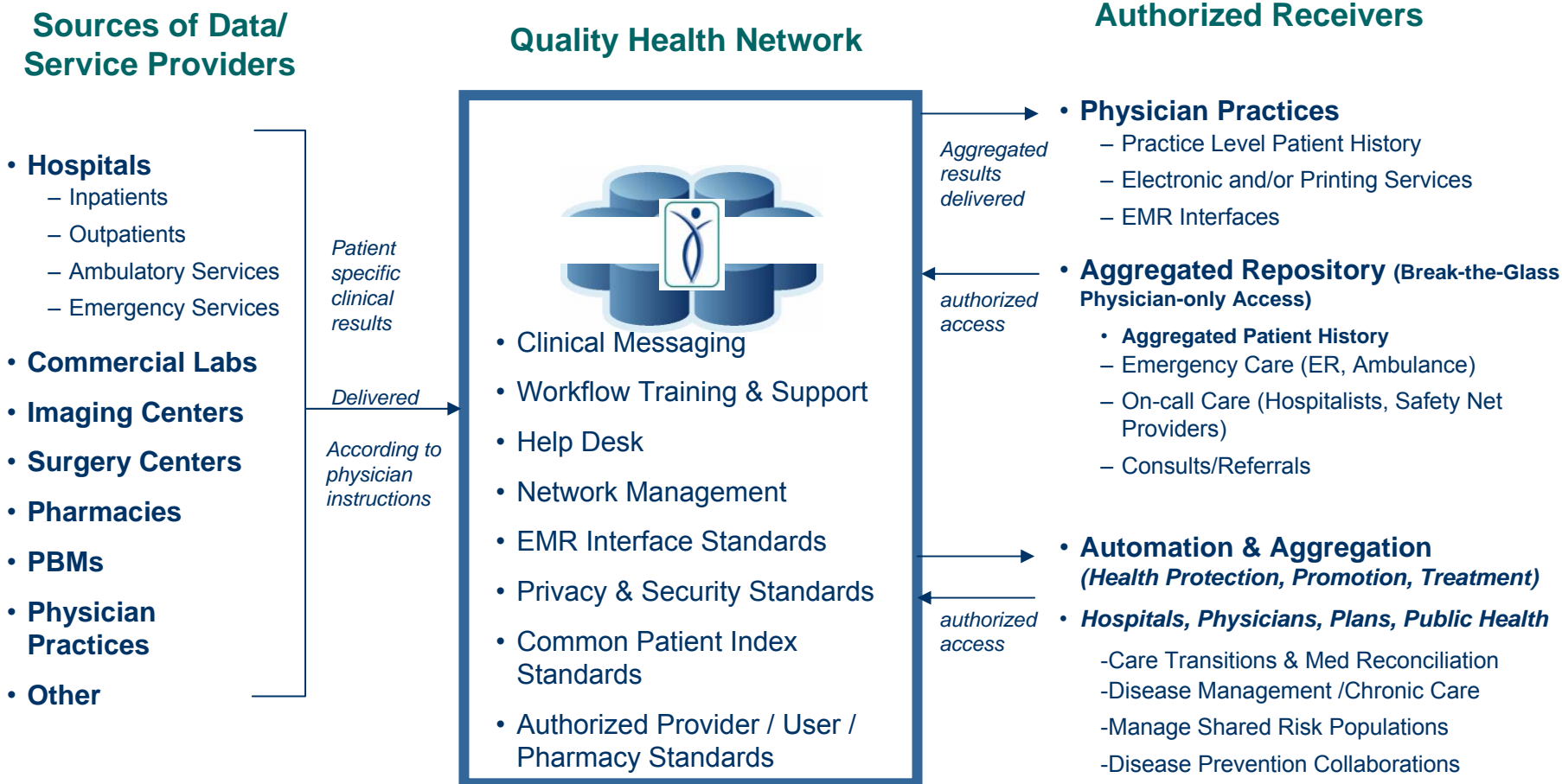


Each Contributor's Piece is Important!

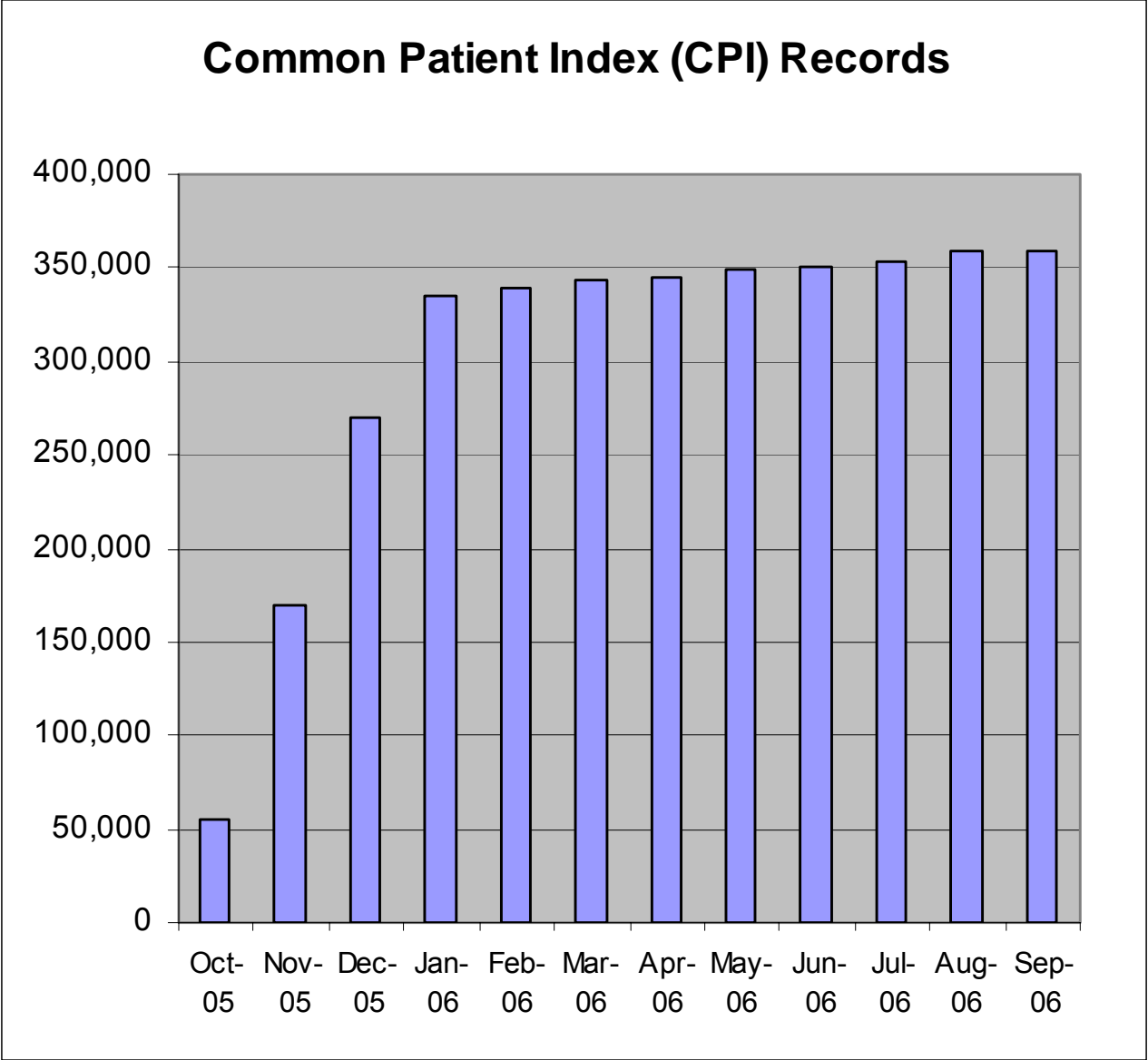


Information Delivery and Access Model

Live Operations October 13, 2005



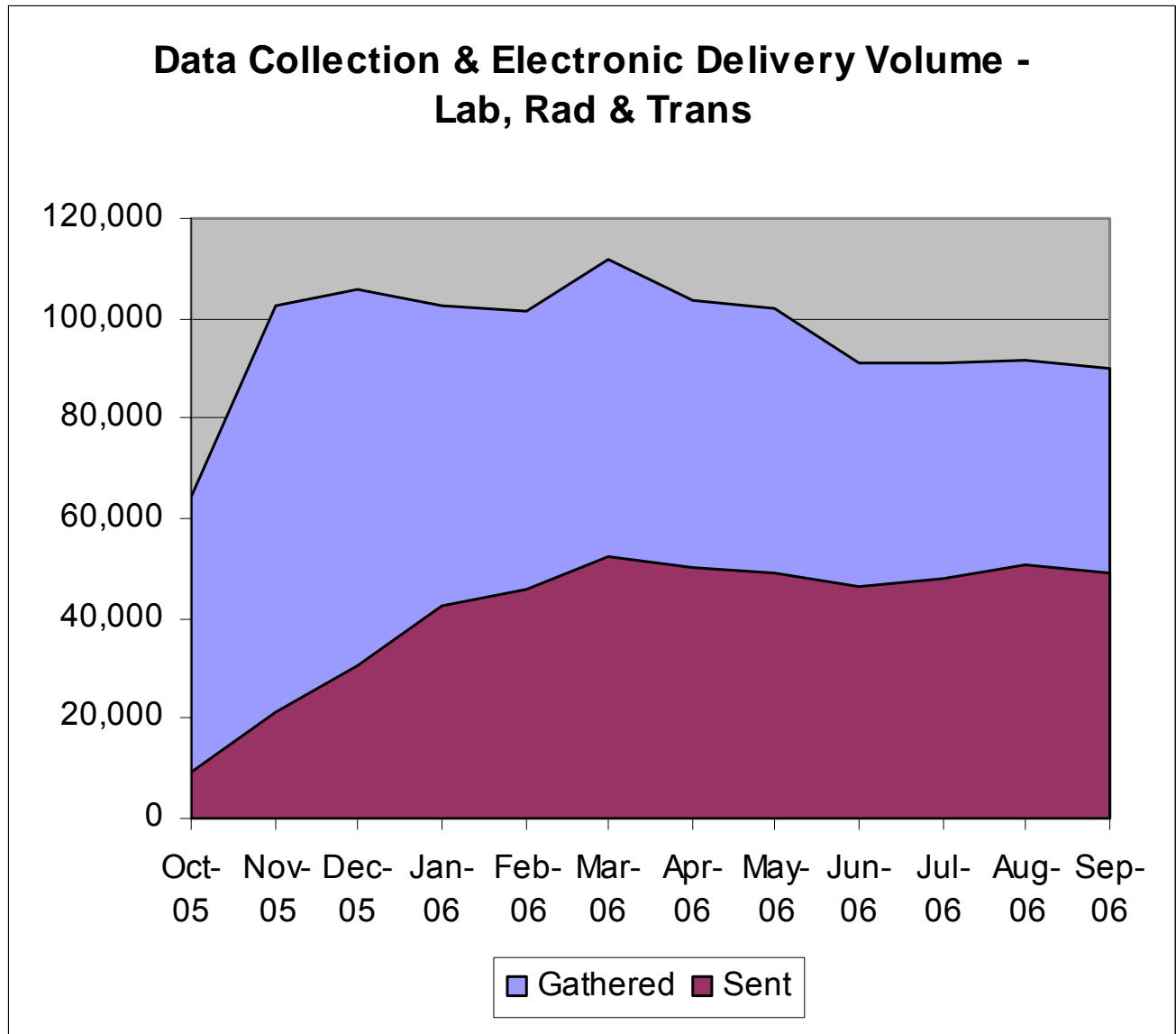
Patient Demographic Records 09.30.06



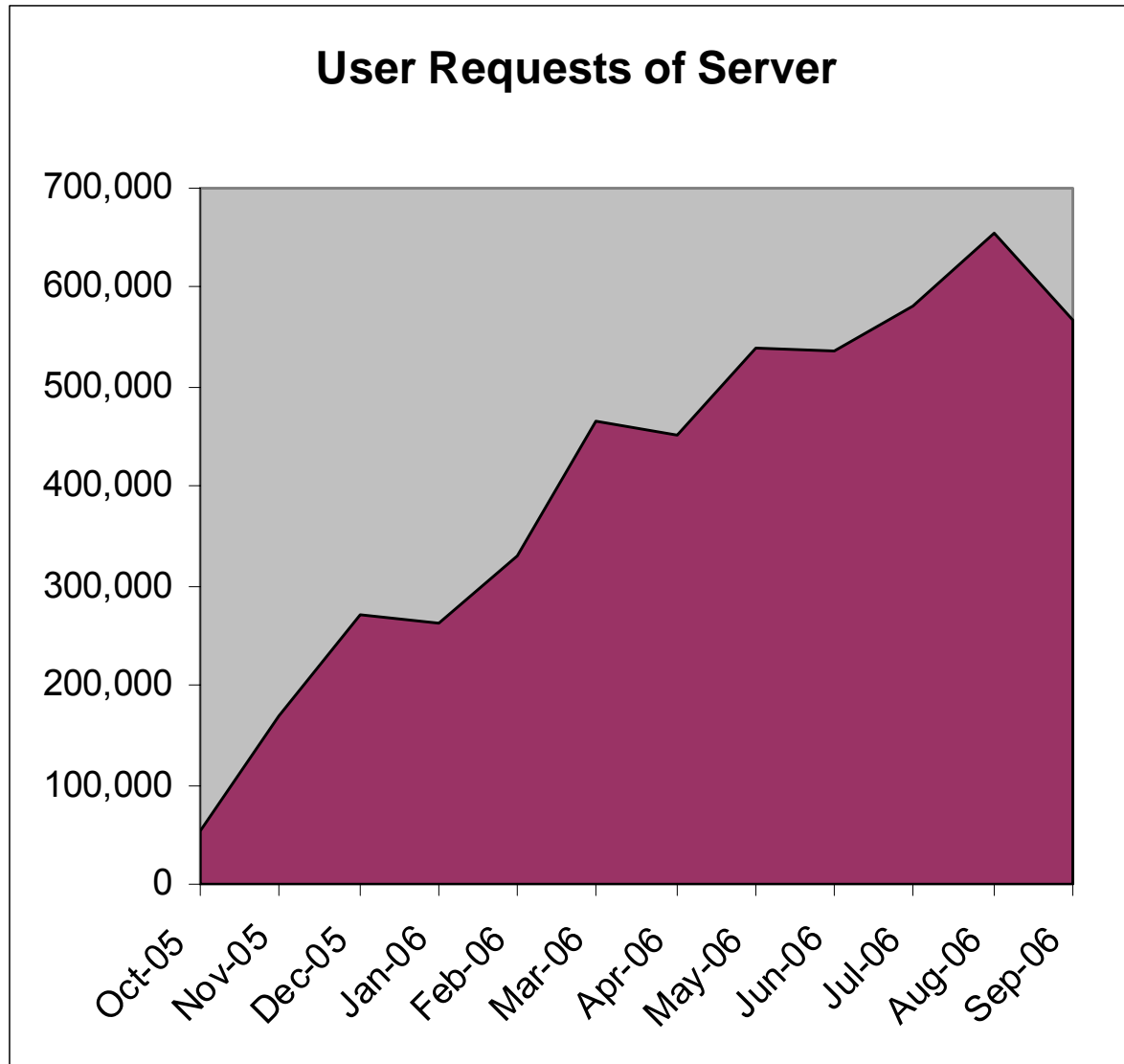
Auto Updates

ADT: 49,120

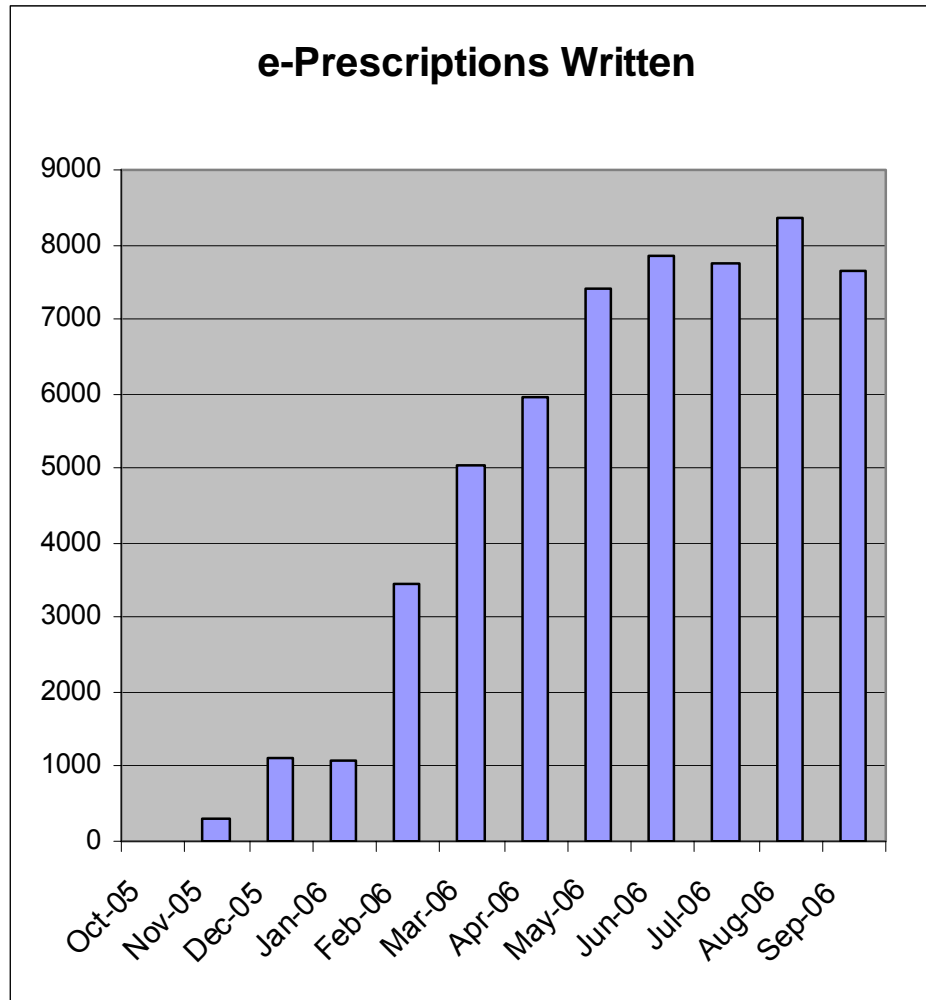
Electronic Transformation 09.30.06



Electronic Usage 09.30.06



e-Prescriptions Delivered 09.30.06



112 “Writers”

Patient Safety:

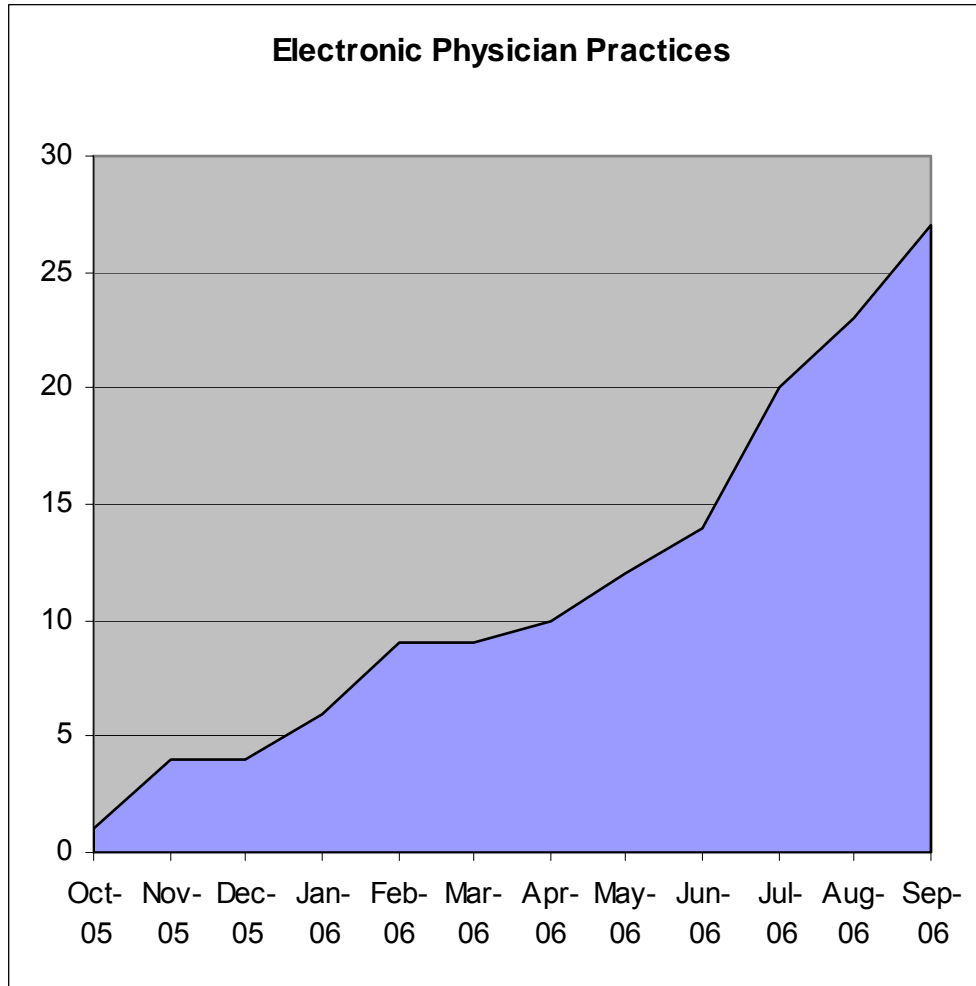
✓ Replications

✓ Interactions

✓ Allergies

54,879 Delivered Rx’s

112 Providers, 502 Licensed Users - 09.30.06



Mesa County:

≈ 1/3 Complete

Western Colorado:

≈ 10% Complete

Snapshot Status

- Chronic Care Management
 - “1st Look” @ Diabetes Registry - August 2006
- Community Repository Live: October 2006
- Office Transcriptions Capture: September 2006
- Public Health Collaboration
 - Health Alerts – April 2006
 - Physician Notification “Smartform” – October 2006
 - Lab “Electronic” Notification – November 2006
 - Surveillance – 2nd Quarter 2007 (Grant-based?)

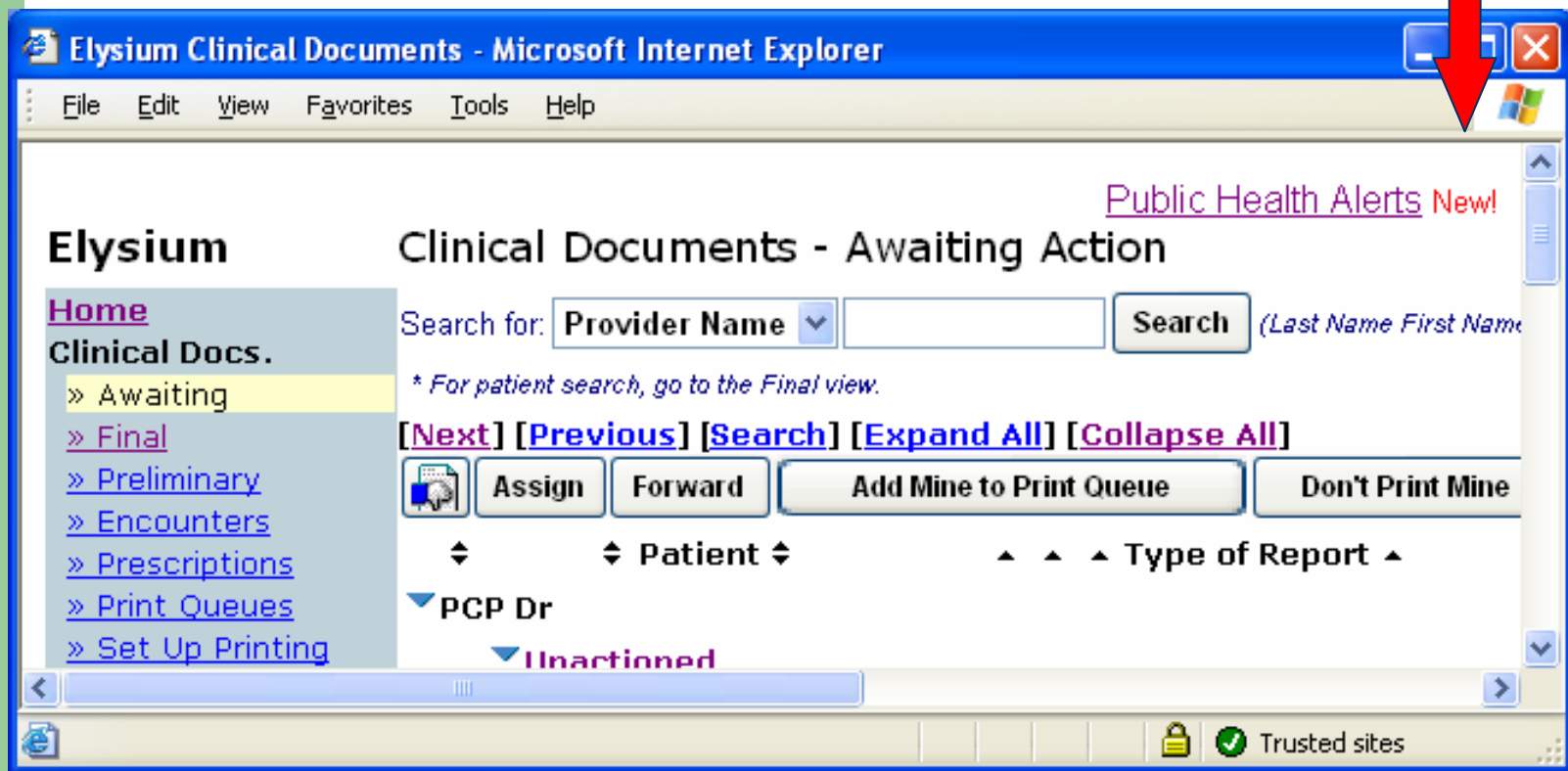


Public Health Alerts System

- Delivery
 - Fax, Printer, Electronic
 - By Specialty(s) or All
- Notification
 - Outbreaks or Syndrome Increase
- Treatment Guidelines
 - Attachments
 - Links
- Alert Message Archive



“Sign on Notification” of New Alert



The screenshot displays the Elysium Clinical Documents web application in Microsoft Internet Explorer. The browser title bar reads "Elysium Clinical Documents - Microsoft Internet Explorer". The address bar shows the URL "http://www.elysium.com/clinical_docs/". The page content includes a navigation menu on the left with options like "Home", "Clinical Docs.", "Awaiting", "Final", "Preliminary", "Encounters", "Prescriptions", "Print Queues", and "Set Up Printing". The main content area is titled "Clinical Documents - Awaiting Action" and features a search bar with a dropdown menu set to "Provider Name" and a "Search" button. Below the search bar are navigation links: "[Next]", "[Previous]", "[Search]", "[Expand All]", and "[Collapse All]". There are also buttons for "Assign", "Forward", "Add Mine to Print Queue", and "Don't Print Mine". The page shows a list of documents under the "PCP Dr" category, with one document titled "Inactionned". A red arrow points to the top-right corner of the browser window, highlighting the notification area.

Health Alert – Initial Test Message

Elysium Health Alert - This is an important test message, please test.

ID: QHND-6LZUK7
From: Public Health
Sent: 02/14/2006 02:47:15 PM
To:
Subject: This is an important test message, please test.
Valid Dates: 02/14/2006 to 02/16/2006

It has been brought to the attention of the test system that a test message should be sent as a test. This message is only a test.

Cupid has been seen flying low in some parts of the city. Last observations were that the quiver was full and arrows quite lethal. It is recommended that all single individuals take extreme care to avoid unnecessary exposure to cupid's target range. As of this morning nearly half the population appears to have been struck by cupid within the past year. It has been noticed, however, that more men than women are buying flowers as a result. Staying away from inexpensive flower outlets is advised until this outbreak is over! Especially vulnerable times will occur around 5 o'clock this afternoon.



Physician “Smartform” - Minutes instead of Days!

Elysium Office Memo - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Demo Shared Report to Public Health

Editor: D Pcp

▶ DALE, PATRICIA ID: DOB: 16-Oct-1950 Age: 55 Sex: F Phone: (408)522-4780

Provider:*

Date:

Subject:*

▼ **Click the triangle to the left for advice on using this form and further reporting requirements.**
This report is confidential. When completed, the report is forwarded electronically to the County Health Department for further follow up. To view a list of reportable conditions, go to the Links page in Elysium, and select the link under Public Health Resources. Immediate reporting by phone is required for any illness suspected to be caused by a bioterrorism agent (including small pox). Timely sending of this report will meet the 24 hour and above reporting requirement but not the immediate reporting requirement of a suspected bioterrorism agent. During the day phone 248-9999 and after hours 1-800-866-9999 or page 256-9999.
At least one diagnosis is required.

Patient Diagnosis:

<input type="text" value="mumps"/>	<input type="button" value="Search"/>	<input type="button" value="Clear"/>	<input type="button" value="Close"/>
ICD9 Code	Diagnosis		
072.9	MUMPS UNCOMPLICATED		

Onset of Symptoms: (mm/dd/ccyy)

Race:

Ethnicity:

Please enter other relevant information:

- American Indian or Alaska Native
- Asian
- Black or African American
- Native Hawaiian or Other Pacific Islander
- Other Race
- White

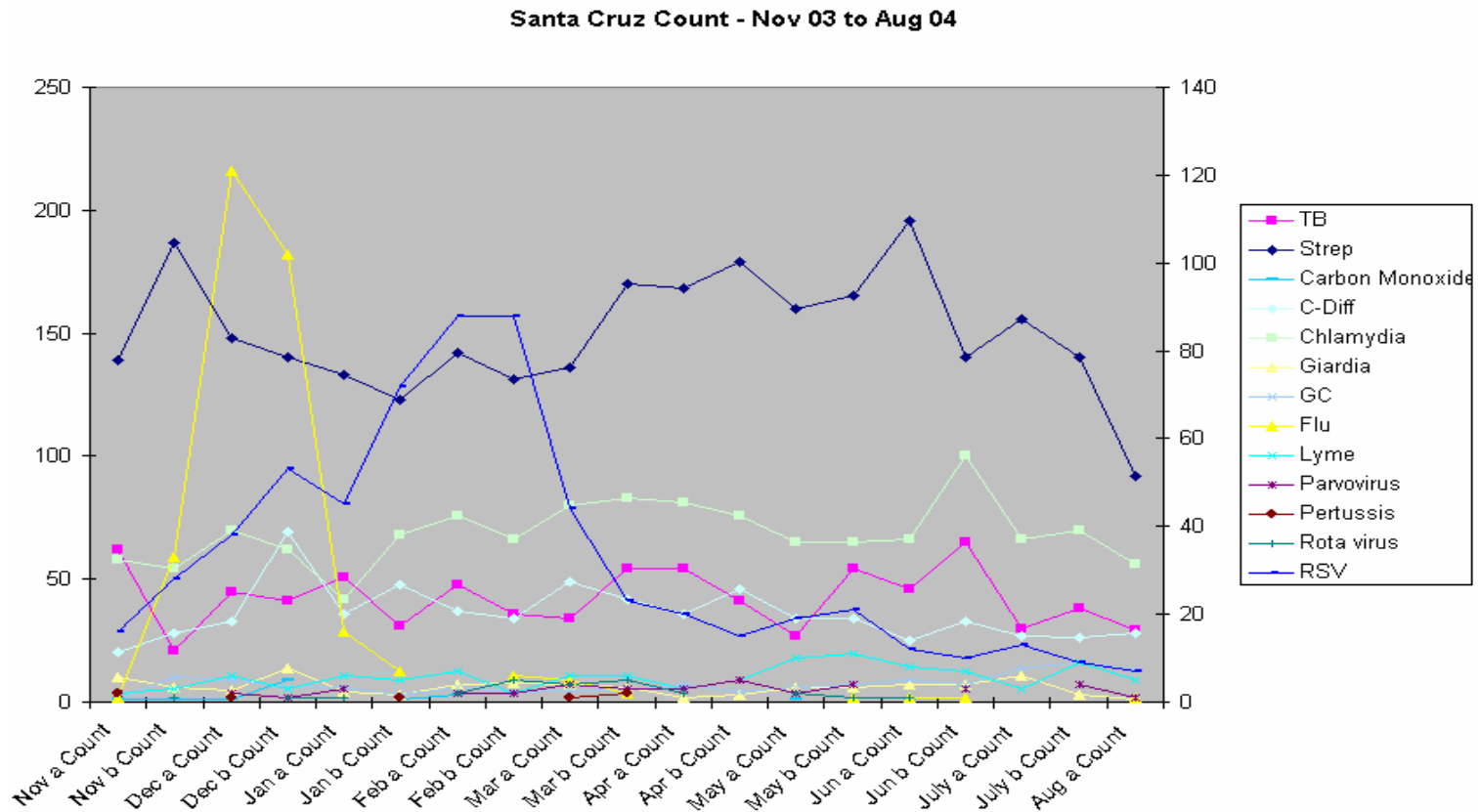
Done Trusted sites

Communicable Disease Reports - Lab

- Electronic Result Review & Routing
 - Minutes vs Days
- Public Health Epidemiologists
 - Positive Patient Identification
 - Electronic Dialogue – physician office
 - Facilitates Verification & Follow Up
 - Paper Processes Eliminated
 - Fax Process Eliminated

Next Steps: “Conditions of Interest”

Test Orders and Timeframes





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QHN