

Launching Convenience: Colorado's New Public Health Reporting Portal

August 15, 2019

Kim Gulliver, MS

AIRA 2019



COLORADO
Department of Public
Health & Environment

Outline

- CIIS Background
- Meaningful Use Implementation (early response)
- Initial Statistics
- Development of CoPHR
 - Design & Testing Phases
 - Rollout Phase
- CoPHR Statistics
- Lessons Learned
- Next Steps

CIIS Background

Colorado Immunization Information System (CIIS)

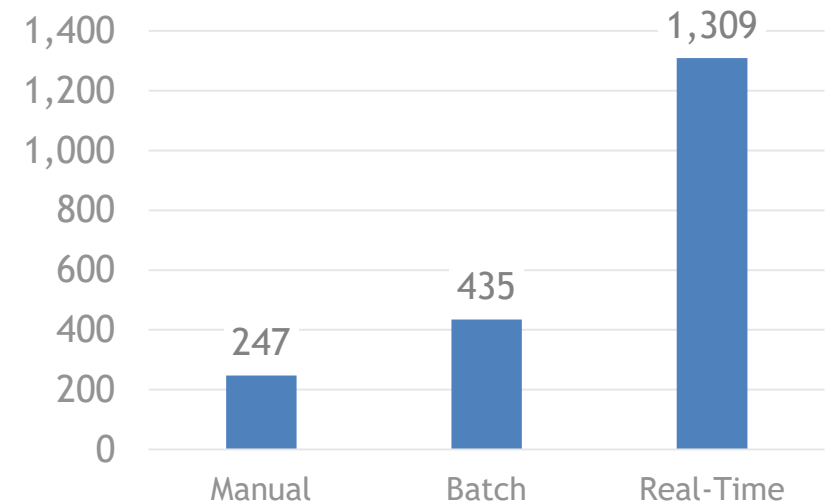
Confidential, secure, population-based, web-based system that:

- Consolidates immunization records for Coloradans of all ages
- Recommends the vaccines a patient needs based on history and age
- Supports the increase and sustainability of high immunization coverage rates

CIIS by the numbers (as of June 30, 2019)

- Total Patients: 6.3 million
- Total Vaccinations: 70.9 million
- Sites Submitting Data to CIIS
 - Manually Reporting: 247
 - Electronically Reporting: 1,744
 - Batch: 435
 - Real-Time: 1,309
 - Bi-Directional: 475

88% of data is
electronically reported



Meaningful Use Implementation

Increased administrative burden on Public Health Authorities

- Develop Declaration of Readiness process
- Develop Registration of Intent process
- Evaluate current onboarding process
- Provide Acknowledgements for attestation

Declaration of Readiness

- Developed Declaration of Readiness for all Public Health Reporting Objectives
- Posted Declaration of Readiness on Colorado Department of Public Health and Environment website

Name of MU Public Health Objective	Immunization Registry Reporting
Name of CDPHE Program	Colorado Immunization Information System (CIIS)
PHA Readiness	STAGE 2: CIIS is currently capable of receiving electronic data from Electronic Health Record (EHR) systems and is accepting registrations from Eligible Providers and Eligible Hospitals for the Stage 2 Meaningful Use immunization reporting public health objective. STAGE 3: By January 1, 2017, CIIS will be capable of responding to bidirectional queries (QBP/RSP) and receiving NDC Codes for the Stage 3 Meaningful Use immunization reporting public health objective.
PHA Contact Information	STAGE 2: Providers interested in the immunization reporting objective must register their intent here: http://www.costage2mu.dphe.state.co.us/ STAGE 3: Providers interested in the immunization reporting objective that did not register their intent during Stage 2 must register their intent here: http://www.costage2mu.dphe.state.co.us/
Transport	Secure FTP for batch files, SOAP for real-time messaging
Messaging and Vocabulary Standards	HL7 2.5.1 Implementation Guide for Immunization Messaging, CEHRT 2014 - Release 1.4: http://www.cdc.gov/vaccines/programs/iis/technicalguidance/hl7.html & CEHRT 2015 - Release 1.5 (including Release 1.5 Addendum): http://www.cdc.gov/vaccines/programs/iis/technical-guidance/hl7.html HL7 Standard Code Set CVX - Vaccines Administered (updates through July 30, 2016))
Additional Requirements	Dose-Level VFC Eligibility (OBX-5) Vaccine Funding Source (OBX-5) Action Code (RXA-21) NDC Code (RXA-5)

Registration of Intent (ROI)

- Developed online ROI form
 - Individual contact for each PH reporting program
 - Program emailed when ROI completed
 - Each program developed way to track ROIs
- Immunization Reporting ROI tracking
 - Information transferred to a Google Sheet
 - Tracked ROI date(s)
 - Tracked Acknowledgment date(s)

Meaningful Use Registration Form

To save your progress...
New/Returning Users [CLICK HERE](#) to setup or return to your account for this registration form. This enables you to partially complete this form and return later to finish the form.

Eligible Hospitals and Eligible Providers wishing to participate in electronic public health reporting for Meaningful Use in Colorado must register their intent to do so with the Colorado Department of Public Health and Environment. Please complete this online registration form to the best of your ability.

GENERAL INFORMATION

What Meaningful Use Public Health Reporting Objective(s) are you registering for?
*(check all that apply) **

- ☐ Cancer Registry Reporting
- ☐ Immunization Data Reporting (IZ)
- ☐ Electronic Laboratory Reporting (ELR)
- ☐ Syndromic Surveillance Reporting (SS)

Click below to download or view the questions that may necessitate some research prior to completing your registration.

- [Cancer Info](#)
- [Immunization Info](#)
- [ELR Info](#)

Are you registering only for Syndromic Surveillance Reporting (SS) * ?

- ☒ YES (this choice will submit the survey)
- ☐ NO (Please also select Cancer, IZ or ELR before proceeding)

Registration of Intent (ROI)

	CIIS Clinic ID	Umbrella Organization	Interface Status	Date Submitted	MU 2 Acknowledgement Provided	Stage	Provider Type	Incentive Program	HIE Affiliation Designated
Rocky Mountain Family Practice (Leadville)	RML	?	Live	2/6/2014	2/6/2015	Stage 2	Eligible Provider	Medicare	None
Geriatric and Family Medicine Associates, PC	GFA	None	Live	3/4/2014	11/17/2015	Stage 2	Eligible Provider	Medicare	CORHIO
North Suburban Medical Center	003	HCA-HealthOne LLC	Live	3/4/2014	9/22/2014 10/19/2015 11/29/2016 12/21/2017	Stage 2	Eligible Hospital	Dual	CORHIO
Presbyterian St. Luke's Medical Center	063	HCA-HealthOne LLC	Live	3/4/2014	9/22/2014 10/19/2015 11/29/2016 12/21/2017		Eligible Hospital	Dual	CORHIO
Rose Medical Center	051	HCA-HealthOne LLC	Live	3/4/2014	9/22/2014 10/19/2015 11/29/2016 12/21/2017	Stage 2	Eligible Hospital	Dual	CORHIO
Sky Ridge Medical Center	080	HCA-HealthOne LLC	Live	3/4/2014	9/22/2014 10/19/2015 11/29/2016 12/21/2017	Stage 2	Eligible Hospital	Dual	CORHIO
Spalding Rehabilitation Hospital	915	HCA-HealthOne LLC	n/a	3/4/2014	9/22/2014 10/19/2015 11/29/2016 12/21/2017	Stage 2	Eligible Hospital	Dual	CORHIO
Swedish Medical Center	007	HCA-HealthOne LLC	Live	3/4/2014	9/22/2014 10/19/2015 11/29/2016 12/21/2017	Stage 2	Eligible Hospital	Dual	CORHIO
The Medical Center of Aurora	006	HCA-HealthOne LLC	Live	3/4/2014	9/22/2014 10/19/2015 11/29/2016 12/21/2017	Stage 2	Eligible Hospital	Dual	CORHIO

ROI Date and
Acknowledgement Date

Evaluate Onboarding Process

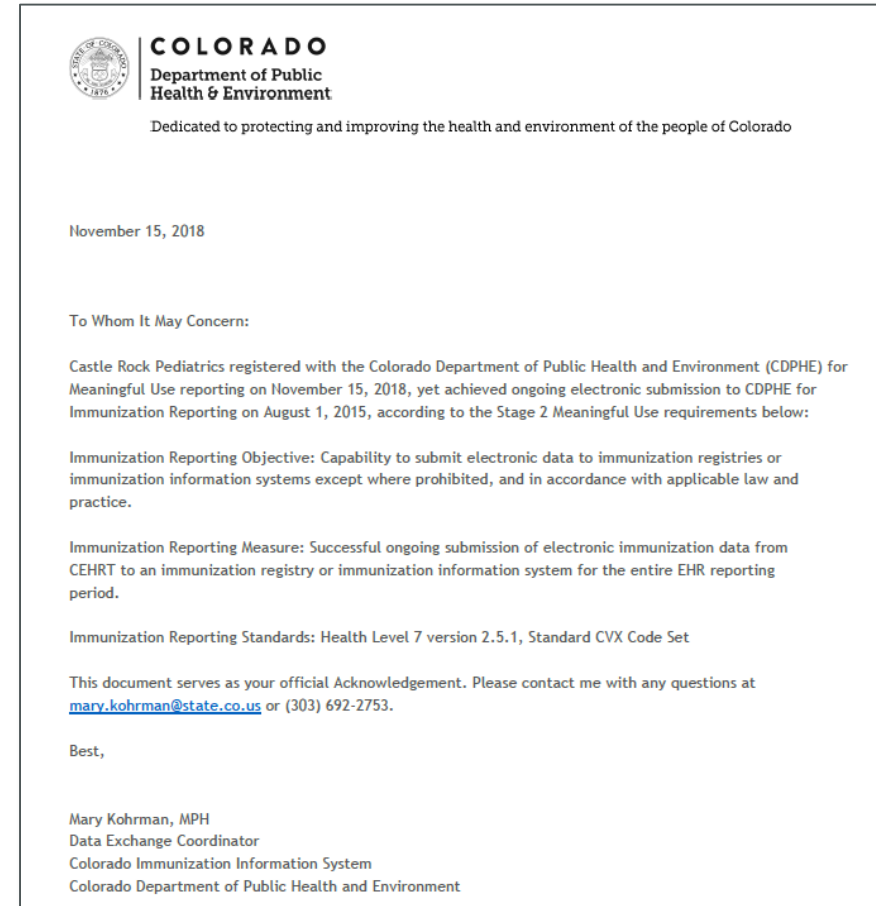
- 2011: Three full-time staff to onboard influx of providers
 - No resources to verify test message for Stage 1
- Developed Google Sheet waitlist to track providers
 - Waitlist grew to 637 sites

	Provider Type	County	CIIS Clinic Code (if applicable)	Date Added to List	Coordinator	EHR Vendor	EHR Product/Version	CORHIO	
								Agreement Implementation	Connected
Southern Colorado Nephrology	Internal Medicine	Pueblo	SCN	3/19/2012	Linda	Acumen			
Partners in Health Family Medicine (part of iPN)	Family Practice	Adams	PHF	1/26/2011	Heather	NextGen		Yes	Yes
Southeast Wellness Works	Family Practice	Otero	SWW	6/27/2013	Linda	Advanced MD - Changed to Avatar	ADP-Advanced MD		
Nicholas G. Nonas, MD & Arvin K. Rao, MD	Family Practice	Arapahoe	NNR	12/29/2011	Rosemary	AIIMeds	V.9.0.35		
Kids First Pediatrics	Pediatrics	Jefferson	KFP	5/10/2011	Linda	GE Centricity		X - In backlog	X
Daniel Jinich, MD, PC	Family Practice	Larimer	DBJ	5/11/2011	Melanie	AllScripts	MyWay 2010.5.1		
Flatiron Pediatrics (part of iPN)	Pediatrics	Boulder	FLP	5/17/2011	Linda	NextGen		Yes	Yes
All About Women Care	OB/GYN	Arapahoe	AAW	7/18/2011	Rosemary	AllScripts	MyWay	Yes	Yes
Healthy Futures, PC	Family Practice	Arapahoe	HYF	6/7/2011	Karen	AllScripts	MyWay		
Broomfield Medical Associates	Internal Medicine	Broomfield	BPC	6/10/2011	Rosemary	athenaHealth			
Rocky Mountain Primary Care Lakewood (part of iPN)	Family Practice	Jefferson	RPL	6/13/2011	Karen	NextGen		Yes	Yes
South Suburban Family Practice	Family Practice	Arapahoe	SSU	10/17/2011	Rosemary	AllScripts			
Pediatrics at the Meadows (formerly Perry Street Pediatrics)	Pediatrics	Douglas	PSP	1/27/2012	Rosemary	Greenway	PrimeSuite	Yes	
Grand River Hospital District	Hospital	Garfield	GRM	4/23/2012	Cinda	AllScripts - move Meditech	Enterprise		
Family Practice Associates (part of iPN)	Family Practice	Boulder	FAP	7/18/2011	Rosemary	NextGen		Yes	Yes
Pueblo Women's Center (part of Parkview and convert to eCW?)	OB/GYN	Pueblo	PWC	6/28/2012	Linda	AllScripts	Professional		
Internal Medicine of North Springs	Internal Medicine	El Paso	IMN	7/18/2011	Kim	Amazing Charts	6.0.9		
New West Physicians	Family Practice	Multiple	Multiple	7/3/2012	Linda	AllScripts	Enterprise		
Spruce Street Internal Medicine - BCH purchased	Internal Medicine	Boulder	SSI	7/18/2011	Linda	Amazing Charts		X	Yes
Blue Skies Center for Women	OB/GYN	El Paso	BSC	7/11/2012	Kim	AllScripts	MyWay/Pro		

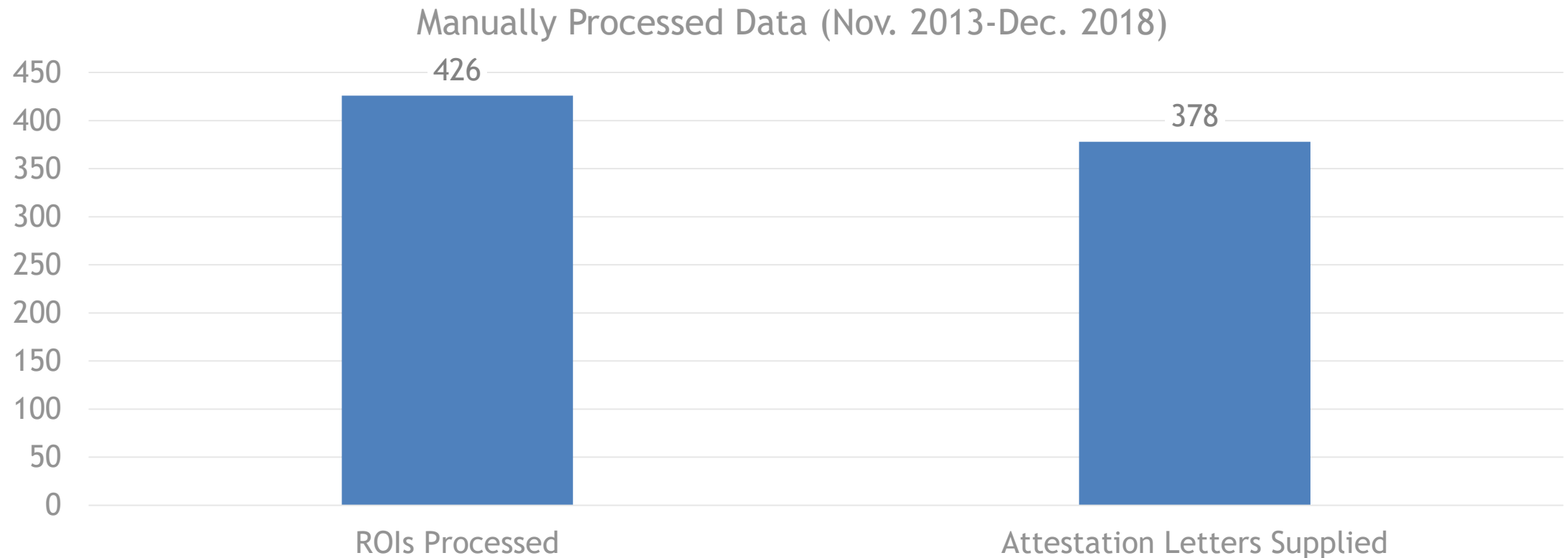


Acknowledgement Letters

- Developed templates for Acknowledgement letters
 - Non-vaccinating site
 - Active Engagement: Waiting for Invite
 - Active Engagement: Testing and Validation
 - Active Engagement: Ongoing Submission
- Saved Acknowledgement letters



Initial Statistics



ROIs included 1,727
individual sites

Development of CoPHR



Purpose of CoPHR

- Develop all-inclusive resource center for all MU needs
- CoPHR allows external partners to:
 - Complete Registration of Intent
 - Obtain Attestation documentation
- Immunization Reporting - better onboarding tools
- Expanded functionality to include all Public Health reporting programs
 - Immunization
 - Cancer Registry
 - Electronic Lab
 - Syndromic Surveillance

Design & Testing Phases

Design Phase

- Ensured enrollment process gathered necessary data elements
- Ensured user-friendly environment for external partners

Testing Phase

- Ensured functionality worked as expected
- Ensured new functionality didn't corrupt existing immunization data
- Verified migrated data was accurate
 - Migrated 3,221 existing ROIs for all Public Health programs

Data Migration Review

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI							
Do Not Use			Use Single Site ROI			Use Group ROI			Do Not Use			Use Single Site ROI			Use All			Use All			Use All			Use if None			Use if None			Use if None			Use if None			Use All			Do Not Use		
Rv	Referenc	MU Obj	Clinic ID	Provider (Medical Group)			Clinic Name	ISILS Name	Meaning	MU Rep	MU Repor	MU Contact Fi	MU	MU Contact Ph	MU Contact En	MU Col	MU ROI Date	Data Ex																							
Yes	8456736	Immunizati EP		1st Allergy, Asthma and Pediatrics Too			1st Allergy Asthma and Pediatrics Too		Stage 2								4/23/2015	2.5.1																							
Yes	8291749	Immunizati EP		1st Allergy, Asthma and Pediatrics Too			1st Allergy Asthma and Pediatrics Too		Stage 2	1/1/2015	3/31/2015	Roni		Mushov	3032244669	rmushovic@immu Office Mar	12/30/2014	2.5.1																							
Yes	8286532	Immunizati EP		HCA Healthcare			304711CPM CENTER FOR MED PAIN MGMT		Stage 2			Amy		Frye-An	6153447474	amy.fryeanderson Director - C	12/19/2014	both																							
Yes	7978328	Immunizati EP	FSF				327 Medical Prof Corp	First Street Family Health	Stage 2			Jennifer		Orr	7195396637	jennifer@firststfan Office Mar	5/9/2014																								
Yes	8369345	Immunizati EP	FSF				327 Medical Professional Corp	First Street Family Health	Stage 2	10/1/2015	12/31/2015	Jennifer		Orr	7195396637	jennifer@firststfan Practice M	2/26/2015	2.5.1																							
Yes	8965143	Immunizati EP		HCA Healthcare			411811101 THE OBGYN CENTER		Stage 2	1/1/2016	12/31/2016	Amy		Frye-An	6153447474	amy.fryeanderson Director - C	2/25/2016	2.3.1																							
Yes	9318132	Immunizati EP		Academy Women's Healthcare Associates			Academy Women's Healthcare Associates		Stage 2			Sean		Leroux	7196223419	sleroux@awha.cor Privacy Off	8/4/2016	2.5.1																							
Yes	8379109	Immunizati EP	ADH				Advanced Family Health, PLLC	Advanced Family Health, PLLC	Stage 2	10/1/2014	12/31/2014	Denise		Ford	3036664949	doctorlora@msn.c Medical As	3/4/2015																								
Yes																la.snook@hotmail Office Mar	10/20/2015	2.5.1																							
Yes																publichealthregistri Healthcare	2/24/2016	2.5.1																							
Yes																publichealthregistri Healthcare	2/24/2016	2.5.1																							
Yes																edowns@afterour: Coding Ma	9/15/2016	both																							
Yes																	2/27/2015	both																							
Yes																	10/13/2015	both																							
Yes																jmatamalas@allas Clinic Direc	7/29/2014	both																							
Yes																cwebber@allasth Physician	6/1/2015	both																							
Yes																ilboldin@allergypa EMR Super	11/24/2015	2.3.1																							

<

[-] MU Current Status:  Ongoing Submissions














[<< view stage 1](#)

Meaningful Use Status

[view stage 3 >>](#)

MU POC: Jennifer Orr

Messaging

Current Status		Ongoing Submissions	Current Status	Not Started	
Contracts/Agreements		Approved: 01/05/2018	MU Reg Notification		Not Sent Send
Intent Registered		05/09/2014	Reg Confirmation		Not Sent View
Pre-Testing		07/04/2015	On-Board Invite		Not Sent View
Connected?		05/23/2016	Invite Reponse		Not Received N/A
Pre-Prod Testing		08/17/2016	Non-Responsive 1		Not Sent View
Ongoing Submissions		06/05/2017	Non-Responsive 2		Not Sent View

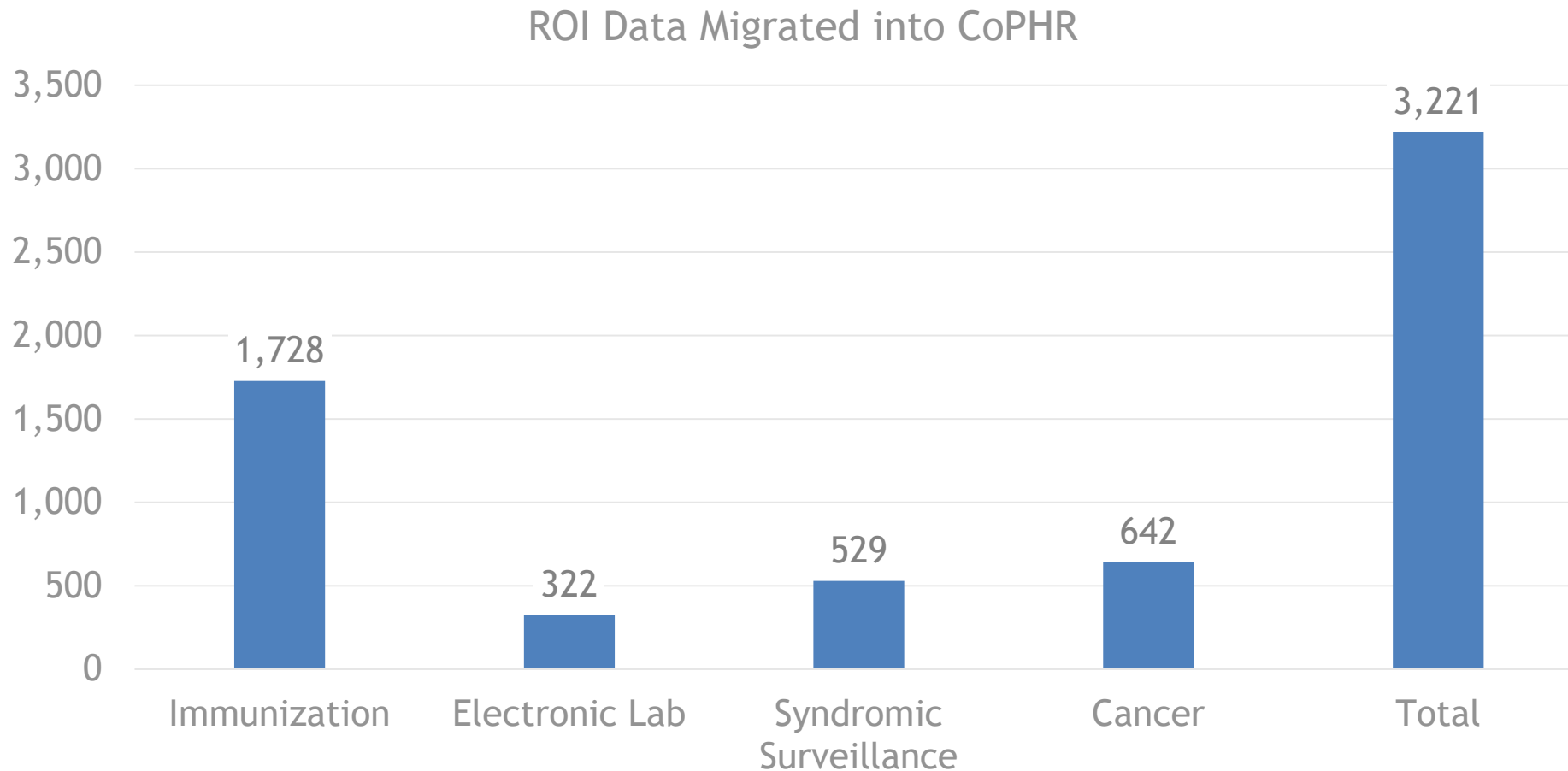
Additional MU Intent Log

#	Registration of Intent	Start Reporting Period	End Reporting Period	Comment
1	02/26/2015	10/01/2015	12/31/2015	Loaded from FormSite
2	05/09/2014			Loaded from FormSite



COLORADO
Department of Public
Health & Environment


Migrated ROI Data



Rollout Phase

CoPHR deployed in August 2018

Colorado Department of Public Health and Environment
Colorado Public Health Reporting (CoPHR)



[Main](#) [Enroll With CoPHR](#) [Immunization](#) [Syndromic Surveillance](#) [Cancer](#) [Electronic Lab](#) [Specialized Registry](#) [Meaningful Use](#) [Schools](#) [Child Care & Head Start](#)

Welcome to CoPHR!

Colorado Public Health Reporting portal (CoPHR) allows Colorado's health care community to register intent for Meaningful Use for the following public health programs:

- [Cancer Registry Reporting](#) for Eligible Providers.
- [Electronic Lab Reporting](#) for Eligible Hospitals and Critical Access Hospitals.
- [Immunization Reporting](#) for Eligible Providers, Eligible Hospitals and Critical Access Hospitals.
- [Syndromic Surveillance Reporting](#) for Eligible Hospitals and Critical Access Hospitals located in Adams, Arapahoe, Boulder, Denver, Douglas and Jefferson counties.

For providers registered for cancer reporting, electronic lab reporting or syndromic surveillance, this site provides:

- Online registration for Meaningful Use.
- Self-service access to registration documents.

For Immunization Providers, CoPHR provides a full range of resources to support you in using the Colorado Immunization Information System (CIIS), including:

- Ability to complete logon request forms to access the CIIS database.
- Monitor EHR Vendor HL7 pre-testing required to begin the CIIS interface process.
- Monitor progress of your organization's interface project once the project begins.
- Access CIIS training information.
- Register intent for Meaningful Use requirements.
- Access Meaningful Use Report Card to support attestation.
- Submit online support tickets to the CIIS Help Desk.

To begin, [enroll with CoPHR to create your account](#).

For more information concerning a particular CDPHE program, select the desired program on the menu bar at the top of the page or click on the links above.

Returning Users

Username:

Password:

[Forgot Password.](#)

Not Registered? [Register Now.](#)

Resource Materials

Meaningful Use Information

CDPHE Declaration of Readiness

Summary of MU Objectives

Health Information Exchange (HIE) Info

Colorado HIEs

Colorado Regional Health Information Organization (CORHIO)

Quality Health Network (QHN)

Contact Information

For general questions contact:

Cancer Registry

Email: cdphe_cancer_mu@state.co.us

Electronic Lab Reporting (ELR)

Email: andrew.horvath@state.co.us

Immunization Reporting

Email: cdphe.CIIS@state.co.us

Syndromic Surveillance

Email: andrew.horvath@state.co.us

Colorado Department of Public Health and Environment
Colorado Public Health Reporting (CoPHR)



[Main](#) [Enroll With CoPHR](#) [Immunization](#) [Syndromic Surveillance](#) [Cancer](#) [Electronic Lab](#) [Specialized Registry](#) [Meaningful Use](#) [Schools](#) [Child Care & Head Start](#)

CoPHR Enrollment

Please select the appropriate enrollment option below.

 [Health Care Provider](#)

 [Medical Group](#)

 [Public Health Clinic](#)

 [Pharmacy](#)

 [Education and Child Care](#)

 [EHR Vendor](#)

 [3rd Party Delivery Networks \(IDNS\)](#)

Who should enroll using this option?

If you work in a single-site medical facility, use this option by selecting your type of facility below.

Note: If you represent more than one facility, enroll under Medical Group, not as a Health Care Provider.

☒ Physician Office (Eligible Providers - EPs)

☐ Hospital (Eligible Hospitals - EHs and CAHs)

Resource Materials

Meaningful Use Information

CDPHE Declaration of Readiness

Summary of MU Objectives

Health Information Exchange (HIE) Info

Colorado HIEs

Colorado Regional Health Information Organization (CORHIO)

Quality Health Network (QHN)

Contact Information

For general questions contact:

Cancer Registry

Email: cdphe_cancer_mu@state.co.us

Electronic Lab Reporting (ELR)


Email: andrew.horvath@state.co.us

CoPHR Landing & Enrollment Pages


CoPHR-Single Site

Colorado Department of Public Health and Environment

Colorado Public Health Reporting (CoPHR)

 **COLORADO**
Department of Public Health & Environment

Main Profile

 Lois.Testing1

Facility Information

Lois Testing Pediatrics
DBA:
123 Lois Lane,
Denver, CO 12345
DENVER
Phone: (969) 977 9999
Facility Type: Pediatrics
Facility NPI:

My Profile

Lois Testing
Phone: (969) 977 9999
Email: lois@fake.com

Immunizations Contacts

Immunizations
CIIS Help Desk
303-692-2437 option 2
888-611-9918 option 1
cdphe.ciis@state.co.us

Cancer Contacts


Cancer
303-692-2542
cdphe_cancer_mu@state.co.us

Electronic Lab Reporting

Electronic Lab Reporting
Andrew Horvath
303-692-2025
Andrew.Horvath@state.co.us

Syndromic Surveillance

Syndromic Surveillance
Andrew Horvath
303-692-2025
Andrew.Horvath@state.co.us

 This site is eligible to participate with the CDPHE public health programs listed below. Click on the program to setup the profile for each you wish to participate in.

Colorado Immunization Information System (CIIS)

CIIS Resource Center

Open CIIS Resource Center

Current Status: Enrolled

[Manage Users](#)
[View Training Resources](#)
[Manage Data Exchange Profile](#)

Meaningful Use:
[Register Intent for MU Reporting](#)
[Download MU Report Card](#)

CDPHE

Cancer Registry

Open Cancer Registry Resources

Current Status: Not Enrolled

Click the link above to open the Cancer Registry Resources Page, where you can manage users and attesting cancer physicians, and register intent for cancer meaningful use reporting.

CDPHE

Syndromic Surveillance

Syndromic Resources

No jurisdictions are accepting syndromic surveillance from Eligible Providers nor from Eligible Hospitals outside of Tri-County and Denver Health jurisdictions (Denver, Adams, Arapahoe, Douglas, Jefferson and Boulder Counties.)


These facilities can download a current letter stating this for their documentation [here](#).

Program-specific widgets

CoPHR-Single Site (Immunization)

Colorado Department of Public Health and Environment

Colorado Public Health Reporting (CoPHR)



COLORADO
Department of Public
Health & Environment

[Main](#) | [Immunization Reporting](#) | [Cancer Reporting](#) | [Meaningful Use](#)

Colorado Immunization Information System (CIIS)

CIIS Resource Center

Manage Users

Training Resources

Data Exchange

Meaningful Use

CIIS Help Desk

Lois.Testing1

Facility Information

Lois Testing Pediatrics
DBA:
123 Lois Lane,
Denver, CO 12345
DENVER
Phone: (969) 977 9999
Facility Type: Pediatrics
Facility NPI:

Electronic Health Record Information


Allscripts
EHR Product: Allscripts ED
EHR Version: 6.3 Service Release 4
CEHRT#:

My Profile

Lois Testing
Phone: (969) 977 9999
Email: lois@fake.com


Get Started . . .

Click below to complete tasks to finish setting up your clinic's account.




Usage Agreements

Complete & Submit required forms.
Submit New Clinic (LOA)
Clinic LOA - 05/22/2019
CIIS Administrator Form




Help Desk

Submit a Support Ticket
View Ticket Status
Request CIIS User Account




Training Resources

View Training Calendar



Users & Contacts

Add contacts and users that will need to have access to this site and the IIS.
✓ Primary Immunization Contact
✓ Technical Contact for Data Exchange
✓ 1 - Users Added
Add/Edit Immunization Providers



Data Exchange

Create the Data Exchange Profile for this clinic and begin HL7 Message Validation.
✓ Profile is Complete.
✓ Pre-Testing (HL7 MSG Validation)
Pre-Production Testing
View Interface Project
Ongoing Submissions



**Meaningful Use
Immunization
Reporting**

Register your Intent to submit ongoing submissions for MU.
Download MU Report Card

About CIIS

Additional CIIS Information
CIIS Staff Information
www.coloradois.com

Resource Materials

Guidance Documents
HL7 Test Tool - Individual Site
HL7 Test Tool - Groups
HL7 Test Tool - EHR Vendor
Create Support Ticket

Administrator Forms
CIIS Administrator Change Form

CIIS Policies
Confidentiality & Opt Out Policy

CIIS Notification Materials
CIIS Notification Poster
CIIS FAQ - English
CIIS FAQ - Spanish
CIIS FAQ - Arabic
CIIS FAQ - Vietnamese

CIIS Forms

Opt-Out Forms
CIIS Opt-Out Form - English
CIIS Opt-Out Form - Spanish
CIIS Opt-Out Form - Arabic
CIIS Opt-Out Form - Vietnamese
CIIS Opt-Out Form - French
CIIS Opt-Out Form - Russian

Rescind Opt-Out Form
CIIS Rescind Opt-Out Form - English

Contact Information

CoPHR-Single Site

Single Site Registration of Intent

Registration of Intent

Please Provide the following information

National Provider Identification (NPI)
Please provide the NPI for the organization NOT the provider:

1376536540 [Click to search for NPI](#)

Meaningful Use Designation
Please select the designation of your organization:

☒ Eligible Provider (EP) ☐ Eligible Hospital (EH)
☐ Critical Access Hospital (CAH)

CMS Attestation Program
Please Select CMS Program:

☒ Medicaid
☐ Medicare

Attesting CMS Program Identifiers
Please Enter Program IDs for Programs selected above.

Medicaid: Medicare:

Select your Meaningful Use Reporting Period *

Q4 Oct 1 2018-Dec 31 2018

OR

The start date of your MU reporting period*

/ /

Point of Contact (POC) for Meaningful Use Communications

In the fields below, provide name and contact information for the person responsible for handling and facilitating communications with the Public Health Agency. If there are multiple POCs for your organization, click "Add Additional POC" to add additional POCs. All fields are REQUIRED. Click the Self check box, if you are the designated POC.

Point of Contact

First Name*:

Last Name*:

Phone Number*:

Email Address*:

Employee Type*:

☒ Self

Lois

Testing

959 977 9999 x

lois@fake.com

Medical Assistant

[Add Additional POC \[+\]](#)

Please read the following and then check I agree to the terms and conditions as set forth by the Public Health Agency for Meaningful Use Immunization Reporting Objective. Upon submission of your registration a confirmation along with instructions for the next steps will be emailed to the address(es) provided for the designated POC(s) as provided above. The confirmation and all other messages sent to the POC will also be accessible for download under the Messaging and Acknowledgments section located at the right of this page.

MU Registration Agreement

I acknowledge that the Colorado Department of Public Health and Environment (CDPHE) is the Public Health Agency (PHA) for the state of Colorado. The PHA is not responsible for interpreting the rules set forth by the Centers for Medicare & Medicaid Services (CMS).

By agreeing to the terms and conditions set forth by the PHA for the Meaningful Use (MU) Immunization Reporting Objective you agree to respond to an invitation to onboard and actively engage

☒ I agree to the terms and conditions as set forth by the Public Health Agency for Meaningful Use Immunization Reporting Objective.

Save & Continue

Cancel

CoPHR-Single Site

Colorado Immunization Information System (CIIS)
CIIS Resource Center

Manage Users Training Resources Data Exchange Meaningful Use CIIS Help Desk Lois.Testing1

Facility Information Lois Testing Pediatrics DBA: 123 Lois Lane, Denver, CO 12345 DENVER Phone: (969) 977 9999 Facility Type: Pediatrics Facility NPI: 1376536540	Electronic Health Record Information Allscripts EHR Product: Allscripts ED EHR Version: 6.3 Service Release 4 CEHRT#:	My Profile Lois Testing Phone: (969) 977 9999 Email: lois@fake.com
--	--	--

Immunization Registry Data Submission

Objective

To be in active engagement with a public health agency to submit electronic public health data from CEHRT except where prohibited and in accordance with applicable law and practice.

Measure

To be in active engagement with a public health agency to submit immunization data.

Meaningful Use Report

Colorado Immunization Information System Report Date: 07/17/2019

Health Care Provider:	Lois Testing Pediatrics	
Location:	123 Lois Lane , Denver CO 12345	
Entity Type:	EP	
Reporting Period:	Q4 Oct 1 2018-Dec 31 2018	
Registered Intent Date:	07/17/2019	✓
Invitation from PHA Date:	Not Invited	✗
Invitation Response Date:	No Response	✗
Initial Production Submission:	Not Submitting	✗

MU Current Status:

Provider registered their intent to initiate ongoing submission and is awaiting an invitation from the PHA to begin testing and validation.

Print Web Form Print PDF

Meaningful Use Report

Colorado Immunization Information System Report Date: 08/02/2019

Health Care Provider:	Lois Testing Pediatrics	
Location:	123 Lois Lane , Denver CO 12345	
Entity Type:	EP	
Reporting Period:	Q4 Oct 1 2018-Dec 31 2018	
Registered Intent Date:	07/17/2019	✓
Invitation from PHA Date:	Not Invited	✗
Invitation Response Date:	No Response	✗
Initial Production Submission:	Not Submitting	✗

MU Current Status:

Provider registered their intent to initiate ongoing submission and is awaiting an invitation from the PHA to begin testing and validation.

Print Web Form Print PDF

Single Site Meaningful
Use Report Card

CoPHR-Group

Colorado Department of Public Health and Environment
Colorado Public Health Reporting (CoPHR)

Main | Group Profile | Provider Sites | Meaningful Use

Medical Group Erin.Test

New Test Group

Select program below for more options

Immunizations

Colorado's Immunization Information System (CIIS)
Things you can do in the CIIS Resource Center...

1. Enroll Sites and User for access to CIIS
2. Training and Help Desk Support
3. Establish Electronic Immunization Reporting
4. Meaningful Use Registration and Status Reporting

Cancer

Colorado's Central Cancer Registry (CCCR)
Things you can do in the CIIS Resource Center...

1. Establish Electronic Cancer Reporting
2. Meaningful Use Registration and Status Reporting

Syndromic Surveillance

CDPHE Syndromic Surveillance
Things you can do in the CIIS Resource Center...

1. Establish Electronic Syndromic Surveillance Reporting
2. Meaningful Use Registration and Status Reporting

Electronic Labs

CDPHE Electronic Laboratory Reporting
Things you can do in the CIIS Resource Center...

1. Establish Electronic Laboratory Reporting
2. Meaningful Use Registration and Status Reporting

Meaningful Use Participation

	Immunizations	Cancer	Syndromic Surveillance	Electronic Labs
2	2	1	0	0
Total Sites in Group	Sites	Sites	Sites	Sites

[View Instructions](#) [Print Instructions](#)

Manage Sites

Select what you want to do...
Select...

The list below provides a list of sites currently identified as being managed by: New Test Group.

Instructions: You can update site information by clicking **Update** for the desired site, or add new sites by selecting an option below the list.

To Enroll sites listed below to participate in a CDPHE Program select a program from the left and follow the instructions. Once a site is enrolled with the program, you may register intent for the coinciding MU objective.

#	Site	Meaningful Use Participation by Program				Update
		Immunizations	Cancer	Syndromic	Labs	
1.	Site 4 44444 v , denver CO 80222	✓	✓	Not Eligible	Not Eligible	Update
2.	test test 780 st , denver CO 80222	✓	Not Registered	Not Registered	Not Eligible	Update

Enter Sites 1-by-1

MU Program Participation

CoPHR-Group (Immunization)

Colorado Department of Public Health and Environment

Colorado Public Health Reporting (CoPHR)

CO

CDPHE

COLORADO
Department of Public Health & Environment

Main

Group Profile

Provider Sites

Meaningful Use

 **Medical Group**

New Test Group  Erin.Test

Immunizations

Colorado's Immunization Information System (CIIS)

Enrolled in CIIS	Manual Entry	Electronic Reporting	Registered Intent
2	2	0	2
Sites	Sites	Sites	Sites

Select from the menu below

 **CIIS Usage Agreements**
Submit Group CIIS Letter of Agreement (LOA)
✓ Group CIIS Administrator Form
⚠ Group LOA Submitted on: 07/18/2018

 **Manage CIIS Data Exchange Profile**
⚙ Set Mode of Connectivity
⚙ Set Data Exchange Mode
⚙ Set Data Exchange Type
⚙ Set Frequency

 **Manage Immunization Sites**
View/Manage Site List
Enroll New Site
Update Site EHR Solutions
User Reports and Agreements

 **HL7 Message Validation**
Validate VXU Messages For a Single Site
Validate QBP Messages For a Single Site
Validate VXU Messages For The Group
Validate QBP Messages For The Group

 **Manage User Accounts**
View/Manage Current Users
Add New User

 **CIIS HL7 Interface Projects**
View All Projects
Respond to Pending Actions Requests

 **CIIS Help Desk**
Submit a Support Ticket
View Ticket Status
Request CIIS User Account

 **Meaningful Use: Immunization Reporting**
Submit Registration of Intent (ROI)
View Group Meaningful Use Report

Select    

Data Exchange Requirements
HL7 Implementation Guides
CIIS 2.5.1 VXU (Update) Guidance
CIIS 2.5.1 QBP (Query) Guidance
CDC 2.5.1 Implementation Guide
File Connectivity Guide
CIIS File Connectivity Guide


Guidance & Code Sets
Guidance Documents
HL7 Test Tool - Individual Site
HL7 Test Tool - Groups
HL7 Test Tool - EHR Vendor
Create Support Ticket
HL7 Code Sets
2.5.1 HL7 Code Sets
CPT Codes Mapped to CVX Codes
Product Names Mapped to CVX and MVX
MVX Code Set
Funding Source Code Set
Relationship Code Set
Financial Class (VFC) Code Set


Helpful Links
CIIS Data Exchange Information
CIIS Interface Information
Meaningful Use Information
CMS EHR Incentive Programs
CMS Registration & Attestation
CMS Hospital Attestation Guide
CMS Eligible Professional Attestation Guide
CDPHE Meaningful Use Information
CORHIO Meaningful Use Information

 **COLORADO**
Department of Public Health & Environment

CoPHR-Group


Registration of Intent

 **Immunization Reporting**



Select what you want to do...
MU Registration of Intent 

Designate the Meaningful Use Point of Contact (MU POC) for this Group. The MU POC will receive messages indicating current Meaningful Use status updates.

Select from Contact List: or Add New Contact

 If you do not see the Provider Site you are looking for in the table below, Click Add Provider Site above to register the site with CIIS. After the site is registered with the CIIS, it will be displayed below, you may submit Meaningful Use (MU) Intent for the site by returning to this page and selecting it for registration.

Change Reporting Period: Filter By:

#	CIIS Clinic Code	Provider Site	Location & Contact	Entity Type	Reporting Period	Status	Action
1.		John Test Pediatrics	123 John Test Lane, Boulder CO 33333 Contact Name: John Test	EP	Begin Date: 01/01/2018	Response Received: 08/31/2018 Status: Onboarding	 Action Request Pending Click to Respond to Action Request
2.		Site	33 Rd, Test CO 80999 Contact Name:	<div>Select Entity Type <input type="text"/></div>	<div> Select Reporting Period <input type="text"/> select from above or enter the start date of your MU reporting period <input type="text"/></div>	Status: Not Registered	<input type="checkbox"/> Register for Meaningful Use

CoPHR-Group

Meaningful Use Report
Colorado Public Health Reporting (CoPHR)
Report Date: 07/17/2019

Objective

To be in active engagement with a public health agency to submit electronic public health data from CEHRT except where prohibited and in accordance with applicable law and practice.

Measure

To be in active engagement with a public health agency to submit immunization data.

New Test Group

#	CIIS Clinic Code	Provider Site	Location & Contact	Reporting Period	Status	Status Description
1.		Site 4	44444 v , denver CO 80222 Contact Name: Erin Test	Q4 Oct 1 2018-Dec 31 2018	Registered: 07/17/2019 Status: Waiting for Invite	Provider registered their intent to initiate ongoing submission and is awaiting an invitation from the PHA to begin testing and validation.
2.		test test	780 st , denver CO 80222 Contact Name: Erin Test	Q4 Oct 1 2018-Dec 31 2018	Registered: 07/17/2019 Status: Waiting for Invite	Provider registered their intent to initiate ongoing submission and is awaiting an invitation from the PHA to begin testing and validation.

PRINT

CLOSE


Group MU
Report Card



COLORADO
Department of Public
Health & Environment

CoPHR: Automated Letters

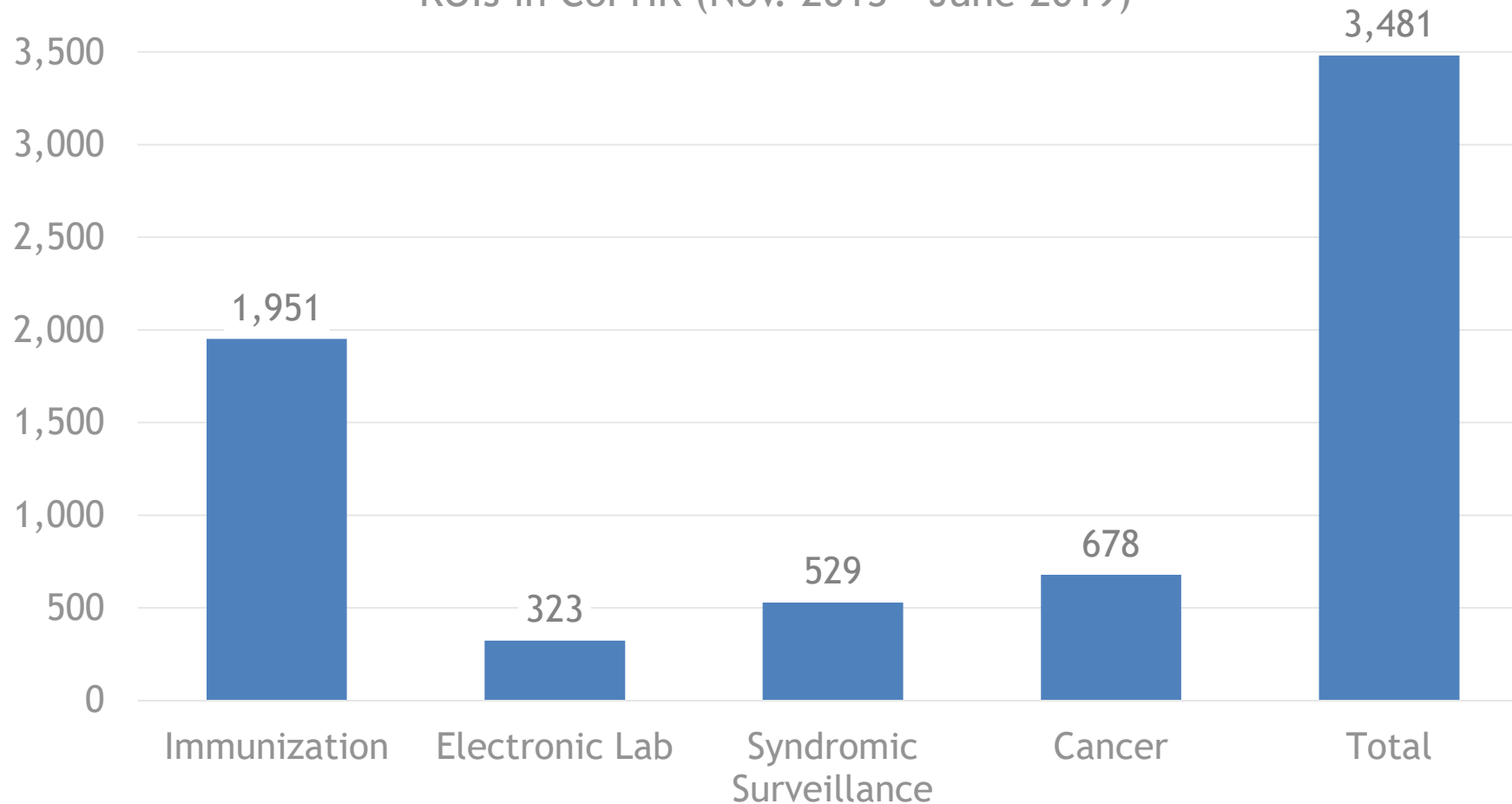
- Automated letters sent for:
 - CoPHR enrollment confirmation
 - Non-vaccinating site
 - ROI confirmation
 - HL7 Pre-testing complete
 - Active Engagement: Testing & Validation
 - Active Engagement: Ongoing submissions

		COLORADO Department of Public Health & Environment	
Dedicated to protecting and improving the health and environment of the people of Colorado			
Objective To be in active engagement with a public health agency to submit electronic public health data from CEHRT except where prohibited and in accordance with applicable law and practice.			
Measure To be in active engagement with a public health agency to submit immunization data.			
St. Anthony North Health Campus 14300 Orchard Parkway Westminster, CO, 80023		NPI: Medicaid #: Medicare UPIN: Reporting Period:	07/01/2014
Purpose: Meaningful Use Ongoing Submission		05/16/2019	
Dear Dana Fox,			
On 12/02/2013, St. Anthony North Health Campus registered its intent with the Colorado Department of Public Health and Environment (CDPHE) for Meaningful Use reporting and successfully submitted the relevant public health data to CDPHE for Immunization Reporting according to the Meaningful Use requirements.			
This document serves as your official acknowledgement.			
Please contact me with any questions at kim.gulliver@state.co.us or 303-692-2644.			
Best,			
Kim Gulliver, MS Interoperability Unit Supervisor Colorado Immunization Information System Colorado Department of Public Health and Environment			

CoPHR Statistics

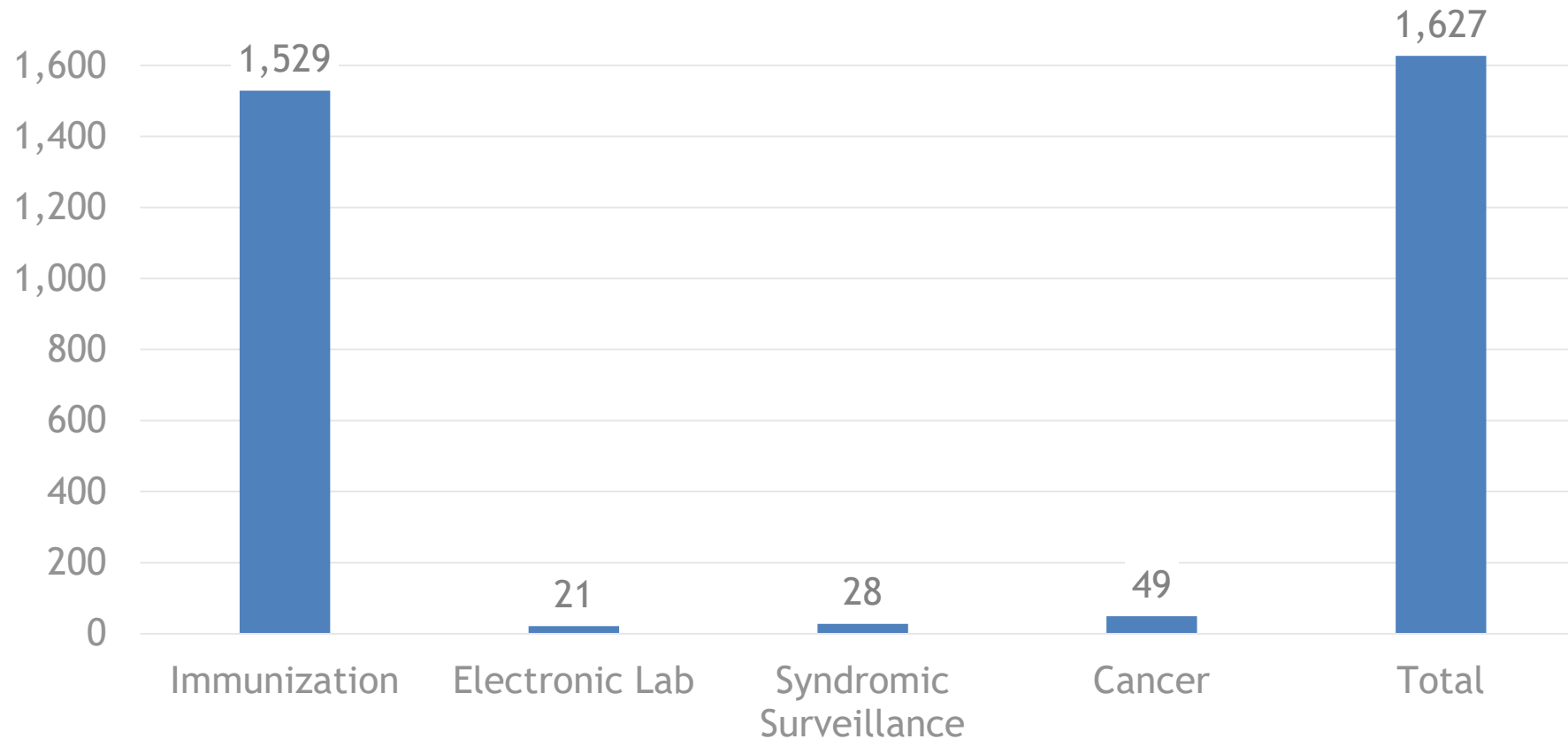
ROIs in CoPHR (Nov. 2013 - June 2019)

8% Increase after
rollout



CoPHR Statistics

MU Report Card Downloads (May 2015- June 2019)



1,559 Downloads
since August 2018

Lessons Learned

- Communication, Communication, Communication
 - Buy-in from other PH program areas, which took 2-3 years
- Importance of Data Quality review before data migration
- Project helped produce additional functionality
 - Group functionality throughout system
 - Additional Project Management functionality
 - Additional ACK monitoring and translation

Next Steps

- Continue promoting CoPHR to other Public Health programs
- Promoting Interoperability name change within CoPHR
- Evaluate how to add documentation for MU audits
- Enhancements to track Stage 3 requirements
 - Implementing real-time HL7 feed monitoring
 - Automatic MU Report Card updates

Status	Measure	Measure Description	Initial Production Submission	Latest Submission
✓	VXU	Ongoing Data Submission	dd//mm/yyyyy	dd//mm/yyyyy
✓	NDC	Submitting NDC Vaccine Codes	dd//mm/yyyyy	dd//mm/yyyyy
✓	QBP	Querying & Receiving Patient Hx	dd//mm/yyyyy	dd//mm/yyyyy

Contact Information

Kim Gulliver

CIIS Interoperability Unit Supervisor

Colorado Department of Public Health and Environment

E: kim.gulliver@state.co.us

P: (303) 692-2644