



Consumer Access to IIS Records: Lessons Learned for IIS Operations

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Land Acknowledgement

Every community owes its existence and vitality to generations from around the world who contributed their hopes, dreams, and energy to making the history that led to this moment. Some were brought here against their will, some were drawn to leave their distant homes in hope of a better life, and some have lived on this land for more generations than can be counted. Truth and acknowledgment are critical to building mutual respect and connection across all barriers of heritage and difference.

We begin this effort to acknowledge what has been buried by honoring the truth. At the Minnesota Department of Health, we stand on the ancestral lands of the Dakota people. We want to acknowledge the Dakota, the Ojibwe, the Ho Chunk, and the other nations of people who also called this place home. We pay respects to their elders past and present. Please take a moment to consider the treaties made by the Tribal nations that entitle non-Native people to live and work on traditional Native lands. Consider the many legacies of violence, displacement, migration, and settlement that bring us together here today. Please join us in uncovering such truths at any and all public events.*

*This is the acknowledgment given in the USDAC Honor Native Land Guide – edited to reflect this space by Shannon Geshick, MTAG, Executive Director Minnesota Indian Affairs Council



Consumer Access

Why Implement?

- Provide direct access to IIS records
- Allows people to easily access IIS record for providing immunization records for school/childcare, employment, travel, etc.
- Empower individuals with information to make decisions
- Reduce barriers to immunization records
- Decreased record requests from public
- Increased data quality

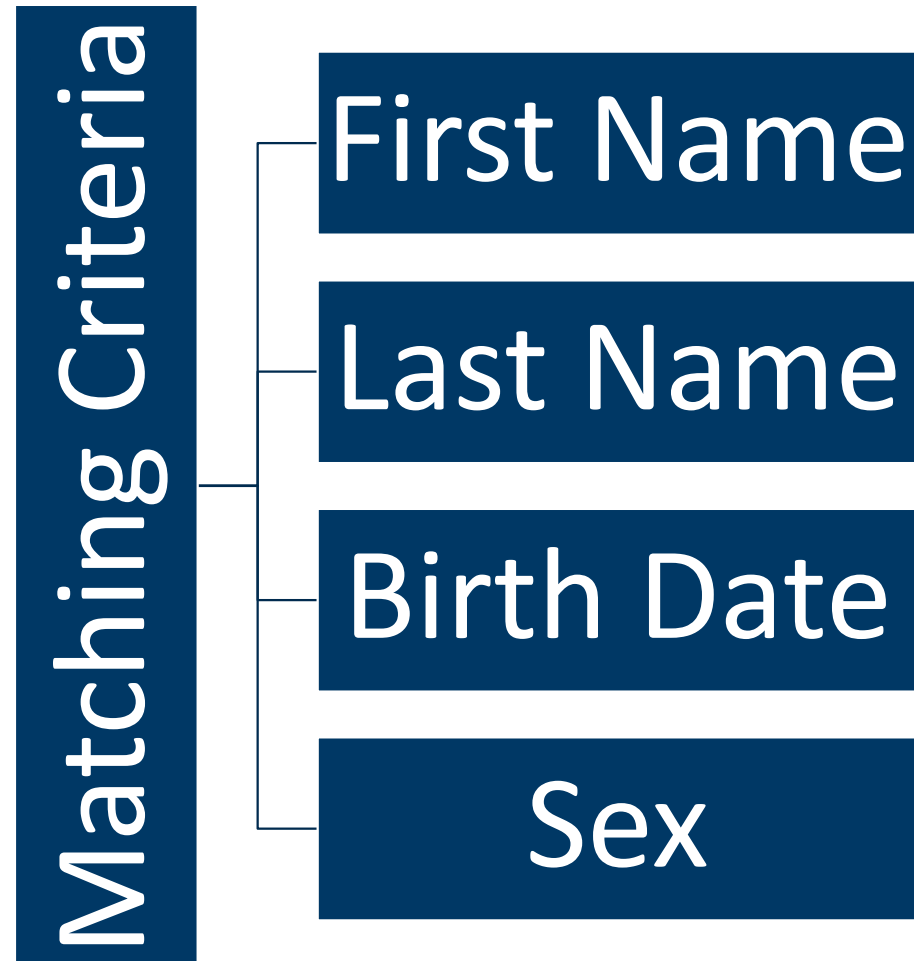


Minnesota

Sydney Kuramoto, MPH | MIIC Informatician

Consumer Access in MN

- Receiving hundreds of record requests a day.
- Docket rolled out in September 2021.
- Validation: Matching criteria.
- Verification: Phone or Email.



Docket

<

Search Records

Adult Records

Child Records

First Name

Mickey

Last Name

Mouse

Date Of Birth

11/18/1928

Legal Sex

☒ Male

☐ Female

☐ Other

☐ Unknown

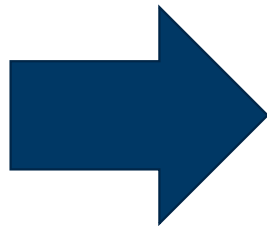
I am...

☒ the patient.

☐ the patient's legal guardian.

Search

Records



docket

Immunization Records

Updated: 09/30/2022

New shot? Drag to refresh.

MICKEY MOUSE

OVERDUE

COVID-19

Due on 07/28/2021

2 SHOTS RECORDED IN MIIC

DUE NOW

Influenza

Due after 02/11/2022

5 SHOTS RECORDED IN MIIC

COMPLETE

Varicella

1 SHOT RECORDED IN MIIC

COMPLETE

Hib

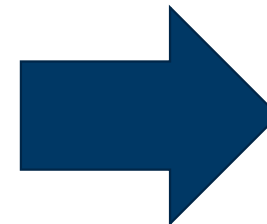
1 SHOT RECORDED IN MIIC

COMPLETE

Polio

Search

Records



<

Immunization Reports

Minnesota History Report

Minnesota Immunization Report

Generated: 08/10/2022

MIIC ID: 14530164

Gender: M

Name (L, F): MOUSE, MICKEY

Date of Birth: 11/18/1928

This report contains immunizations submitted to the Minnesota Immunization Information Connection (MIIC). Provider participation in MIIC is voluntary. Please check with your healthcare provider if you notice missing vaccinations. This report should be acceptable to use as proof of immunizations for child care, school, and other purposes. For more information, visit health.state.mn.us/epidemiology/immunization/.

Immunization History

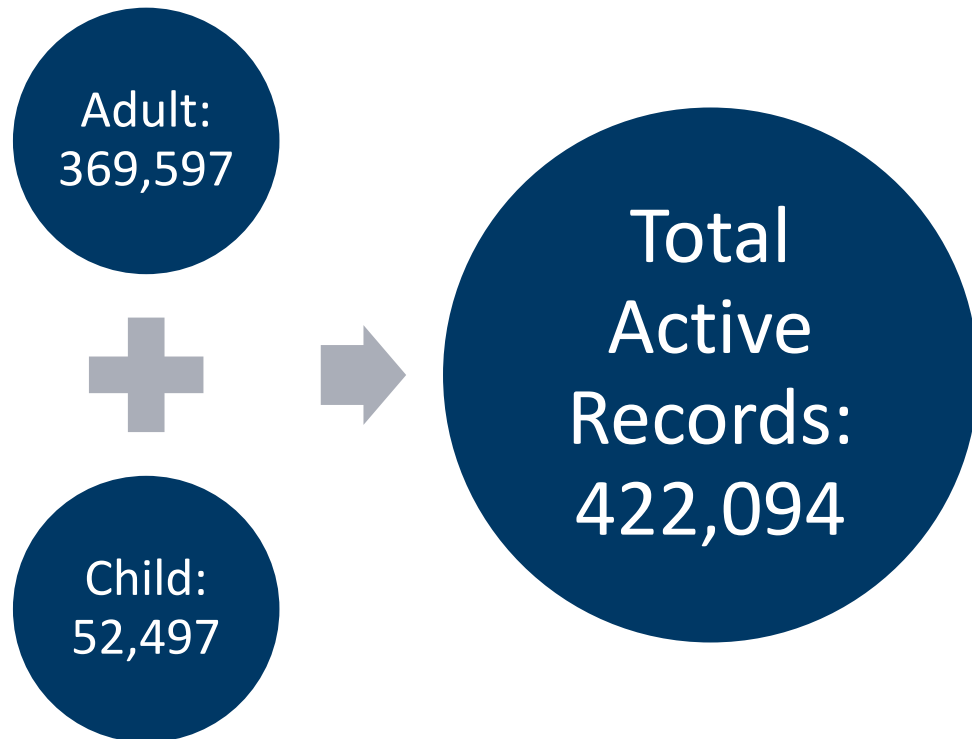
Vaccine Group	Dose Number	Date Given	Vaccine (Trade Name)
HepB	Not valid	04/15/1990	
HepB	Not valid	04/01/1990	
HepB	Not valid	01/01/1990	Engerix-B Peds
HepB	4 of 3	04/01/1990	Pediaris
HepB	5 of 3	01/01/1990	Engerix-B Peds
MMR	1 of 2	01/01/1991	Proquad
Influenza	Booster	01/14/2022	Afluria quad
Influenza	Booster	11/17/2021	Afluria quad p-free
Influenza	Booster	01/01/2002	Seasonal flu unspecified
Influenza	Booster	01/01/2001	Seasonal flu unspecified
Influenza	Booster	01/01/2000	Seasonal flu unspecified
Varicella	Complete	01/01/1991	Proquad
DTPaP	Complete	01/01/1991	Acel-Imune
DTPaP	Complete	07/01/1990	Pentacel
DTPaP	Complete	04/01/1990	Pediaris
Hib	Complete	07/01/1990	Pentacel
Polio	Complete	07/01/1990	Pentacel
Polio	Complete	04/01/1990	Pediaris

Not Valid - According to the national immunization schedule and FDA license indications, this vaccine dose was given outside the recommended indications and may need to be repeated to ensure proper immunity. Please check with your healthcare provider if you have any questions.

Update PDF

Search

Records



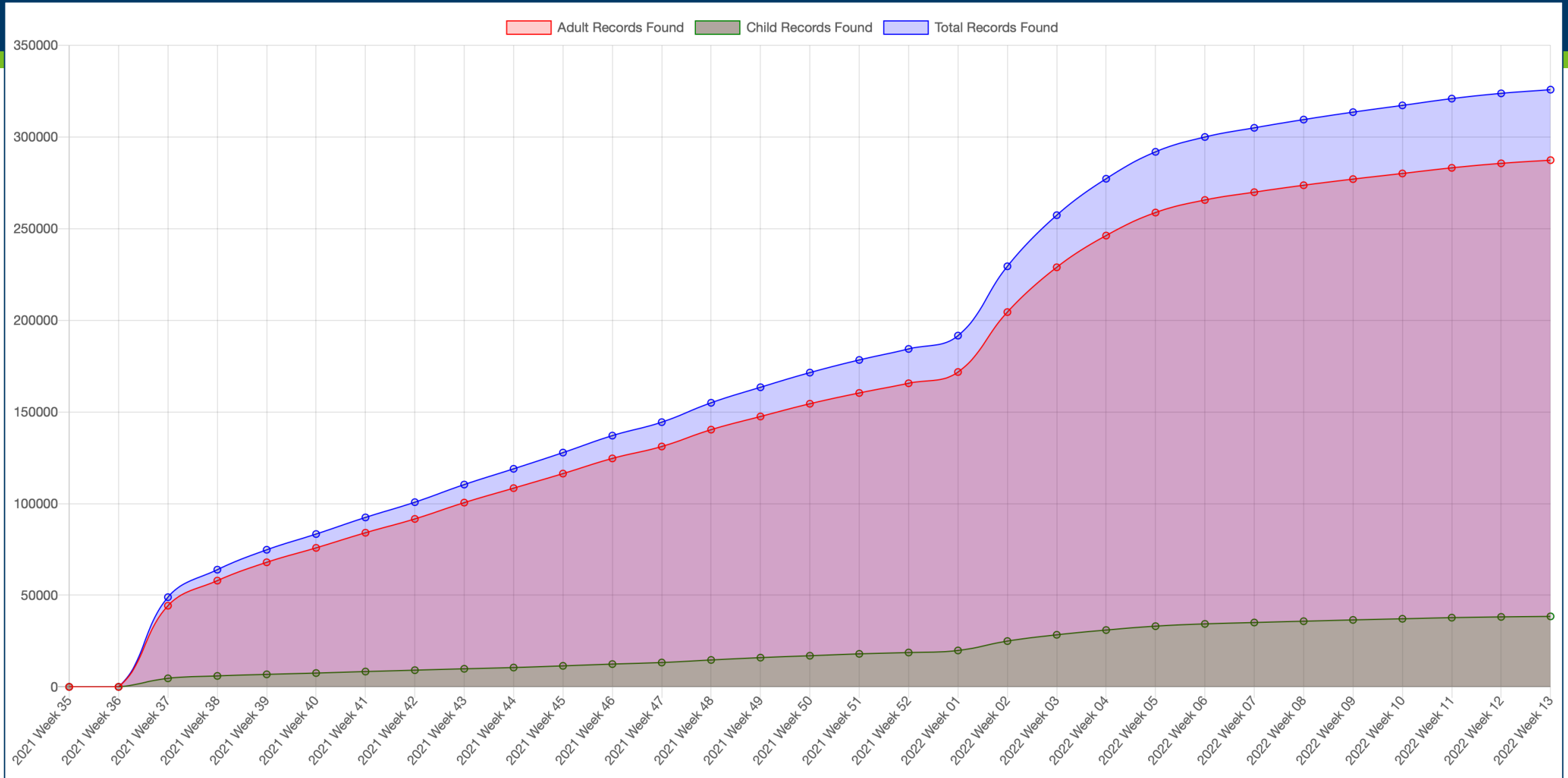
Users

Total
unique
users:
365,507

Percent of
users with
at least one
record:
77.8%

Average
number of
records per
user: 1.15

Docket Uptake



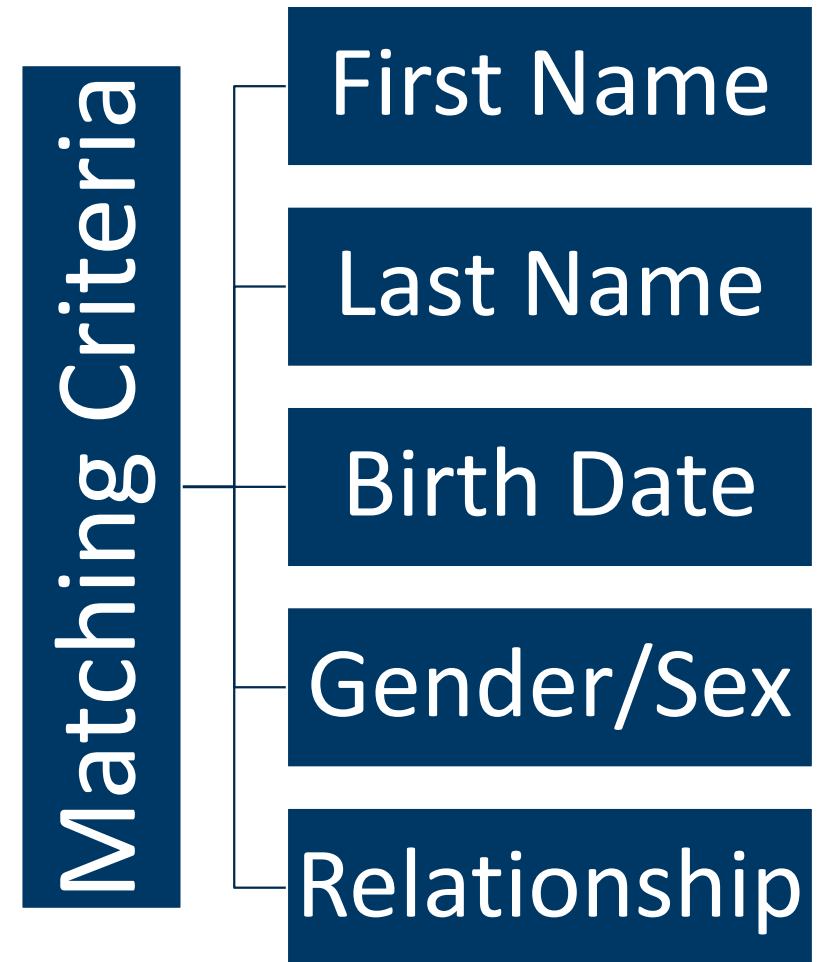


Colorado


Kim Gulliver, MS | CIIS and Data Operations Manager

Consumer Access in CO

- Colorado has 2 consumer access solutions
 - Vendor solution: CIIS Public Portal
 - OIT solution: myColoradoApp
- Rolled out in May 2021
- Validation: Matching criteria
- Verification: Mobile Phone or Email
 - Vendor solution: match sends authentication code



CIIS Consumer Portal



CIIS: Access My Immunization Records

HOME | HELP

Patients and their Legal Guardians can use this screen to view and print an official record of their immunizations. The patient's First Name, Last Name, Date of Birth, and Gender are required before proceeding.

Who is the Patient?

First Name	Last Name	Date of Birth (MM/DD/YYYY)	Gender
<input type="text"/>	<input type="text"/>	<input type="text"/>	CHOOSE GENDER ▼

Who are you?

What is your relationship to the Patient?



CHOOSE RELATIONSHIP ▼

How would you like to receive your access code?

☐ Mobile Phone ☐ Email



Immunization records printed from this site may not be complete. The records represent only the data reported to and entered in the system.

ClearSearch




COLORADO
Department of Public
Health & Environment

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This website is WCAG 2.1 AAA Compliant. These standards represent a higher level of accessibility than 508 Accessibility Standards. [View our accessibility documents.](#)

CIIS Consumer Portal



CIIS: Access My Immunization Records

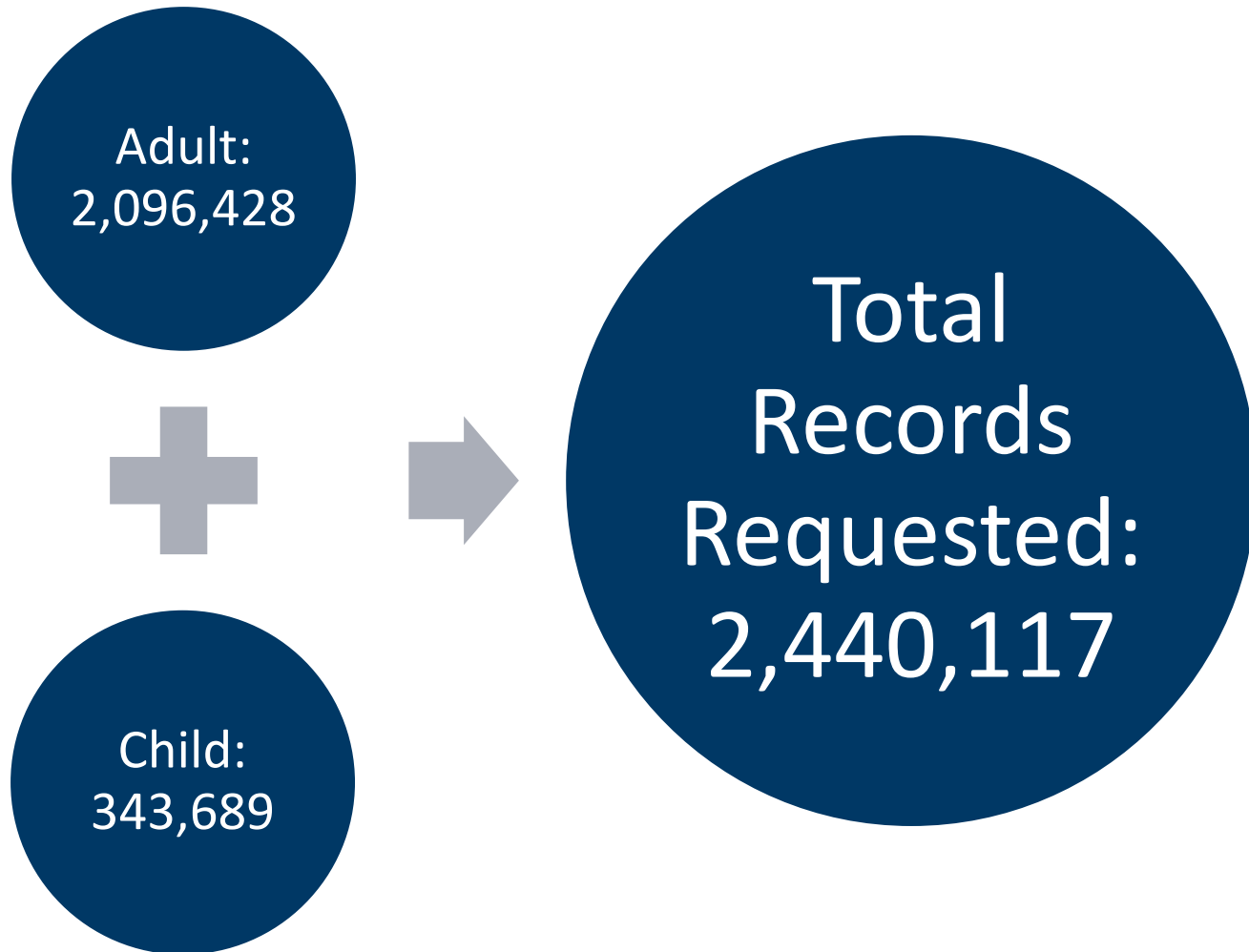
HOME | HELP

[Download Full Record](#) [Download COVID-19 Record](#) [View COVID-19 QR Code](#)

TEST, HENRY DATE OF BIRTH: 03/25/2011 AGE: 11 years 11 months 23 days GENDER: Male

! = Invalid Dose ⓧ = Dose determined invalid by provider

Dose #	Vaccine	Date Given MM/DD/YYYY	Age at Time of Vaccination
Tetanus containing			
1	DTaP-HepB-IPV (Pedia	05/01/2013	2 years 1 months 6 days
!	DTaP	05/03/2013	2 years 1 months 8 days
!	Tdap	10/14/2015	4 years 6 months 19 days
ⓧ	Tdap	08/28/2020	9 years 5 months 3 days
HEPA			
1	Hep A, Ped/Adol	05/03/2013	2 years 1 months 8 days
2	Hep A, Ped/Adol	01/29/2014	2 years 10 months 4 days
	Hep A, Ped/Adol	10/30/2014	3 years 7 months 5 days

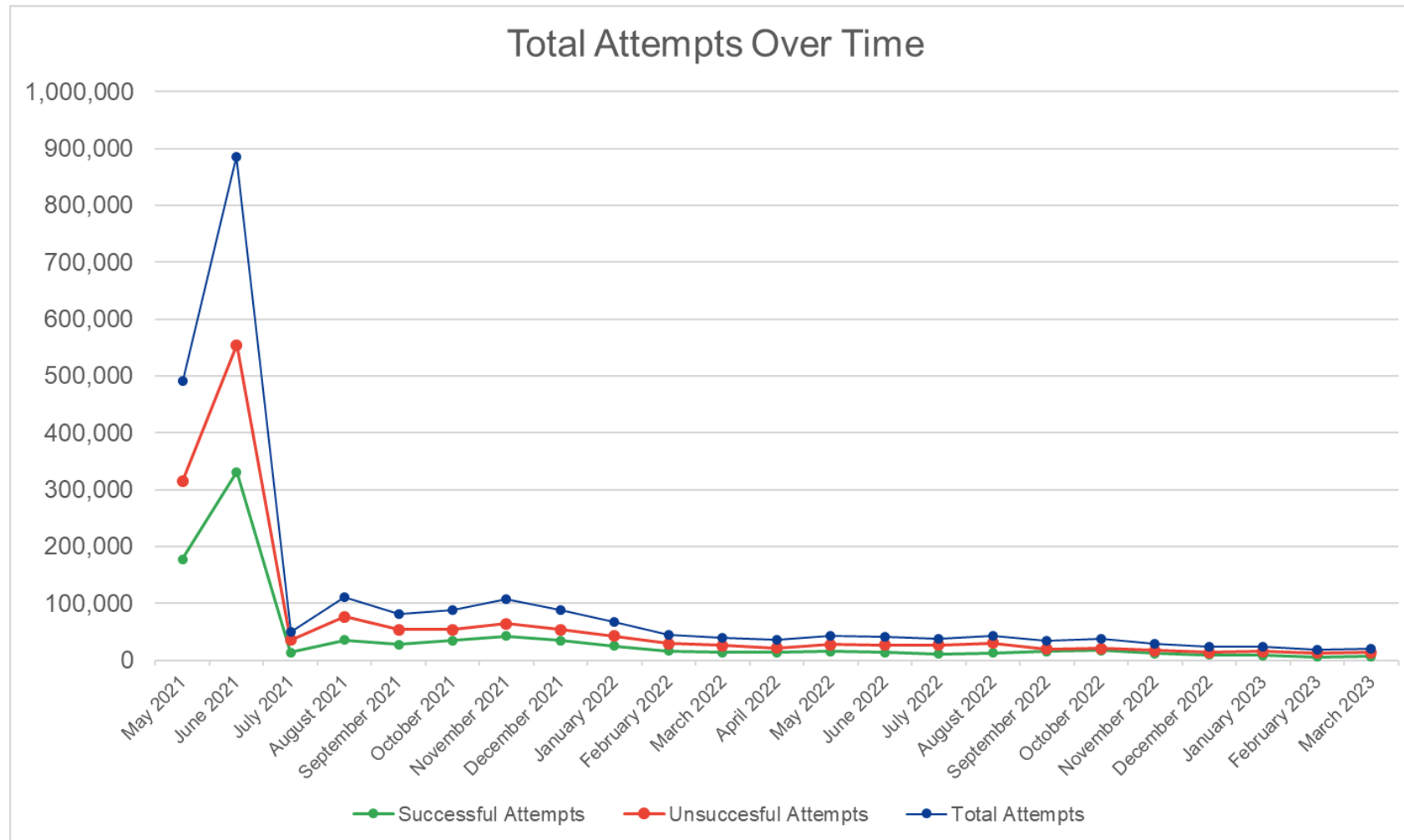


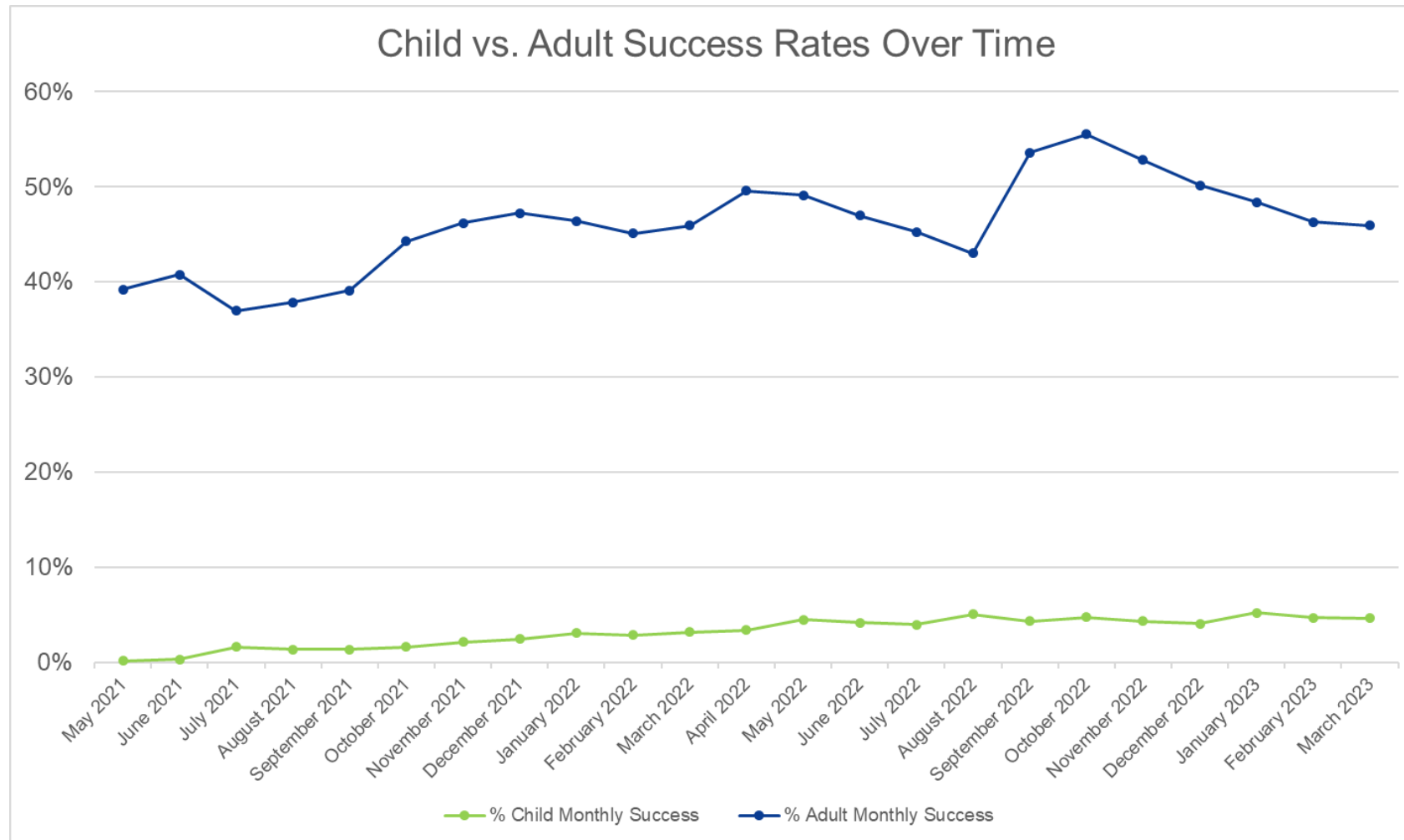
Successful Requests

Percent of
successful
child
requests:
2.27%

Percent of
successful
adult
requests:
42.16%

Percent of
successful
total
requests:
36.54%







Lessons Learned

Minnesota

- MIIC Public Inquiry Program (MN)
- For MIIC-related inquiries from the public
- Staffed by
 - Content Leads (3 staff at 0.20 FTE each)
 - Student Workers (3-5 staff at 0.75 FTE each)
 - Contractors (3 staff at 0.75 FTE each)

Colorado

- CIIS Help Desk (CO)
- Provide support to users of CIIS and assist the public with accessing immunization records
- Staffed by
 - Full-Time, Permanent Staff (1)
 - Term-Limited – thru 6/2024 (2)
 - Contractors (2)

Handling High-Volume/Surges

Technical

- MN: Docket queuing system
- CO: Vendor updated Twilio account; vendor required states to set up own Twilio account

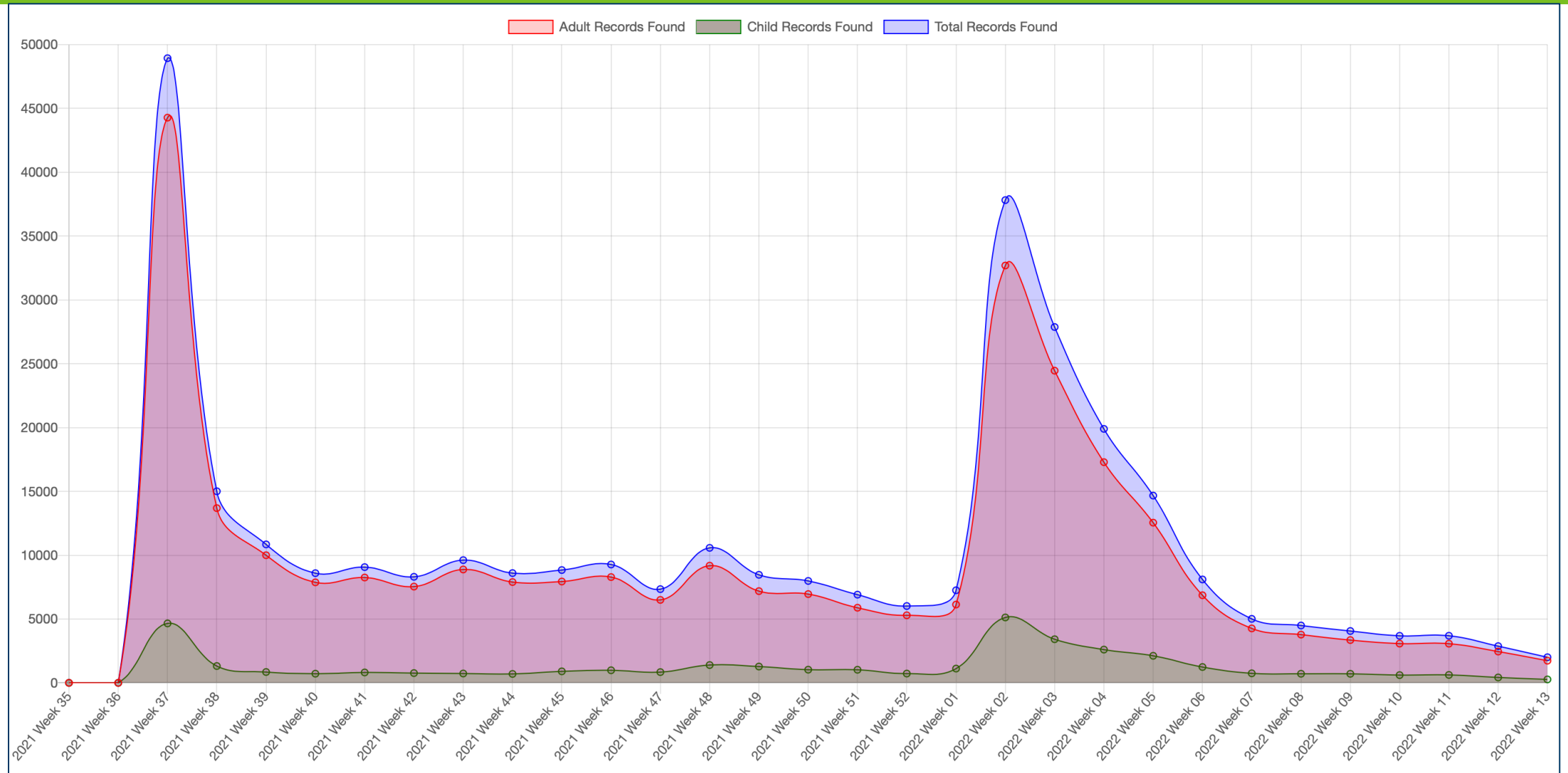
Staffing

- MN: Staffing Plan with phases
- CO: No Staffing Plan. Very reactive as a result of Sweepstakes

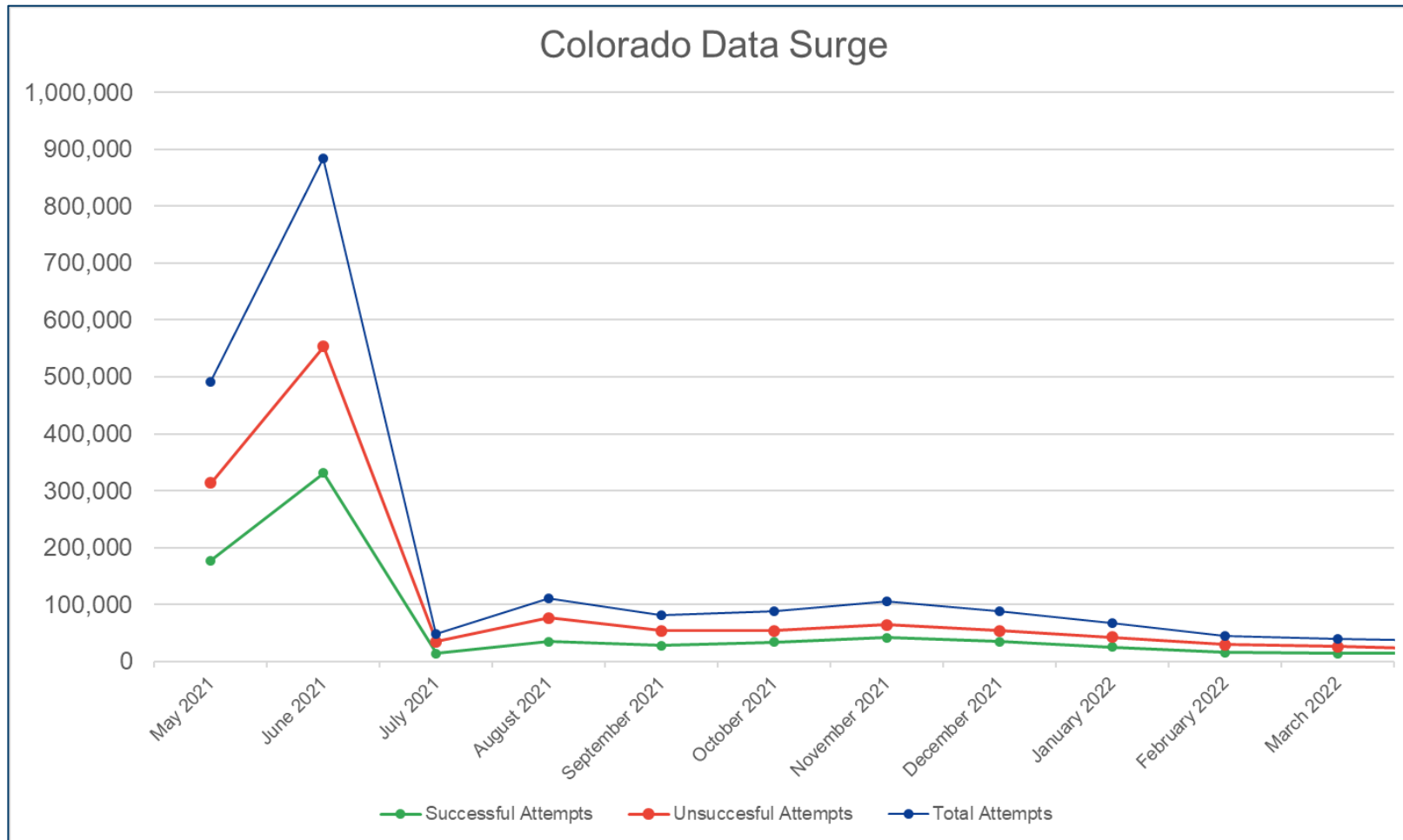
Surges

- Twin Cities Proof of Vaccination (January 2022)
- Colorado COVID-19 Vaccine Sweepstakes (May 2021)

Minnesota: Twin Cities Proof of Vax Surge



Colorado: Sweepstakes Surge



Errors

- Inaccurate information
- Extra doses

Completeness

- Missing immunizations
- Missing information

Web pages

- [Find My Immunization Record \(MN\) \(www.health.state.mn.us/people/immunize/miic/records.html\)](http://www.health.state.mn.us/people/immunize/miic/records.html)
- [CIIS Immunization Records for General Public \(https://cdphe.colorado.gov/information-about-ciis-immunization-records-for-the-general-public\)](https://cdphe.colorado.gov/information-about-ciis-immunization-records-for-the-general-public)

Help Desks

- MIIC Public Inquiry Team
- CIIS Help Desk

Forms

- [MIIC Record Update Request \(https://redcap.health.state.mn.us/redcap/surveys/?s=TMNT9MANNM\)](https://redcap.health.state.mn.us/redcap/surveys/?s=TMNT9MANNM)
- [CO Immunization Record Information Request Form \(https://docs.google.com/forms/d/e/1FAIpQLSd-ob3B01s6FBrkRTFce_5ewV_Lxy1rKuEBILAqJBeRNtrFaw/viewform\)](https://docs.google.com/forms/d/e/1FAIpQLSd-ob3B01s6FBrkRTFce_5ewV_Lxy1rKuEBILAqJBeRNtrFaw/viewform)

- Have a staffing plan
- Technical/process for handling surges/high-volume
- Check IIS data to drive planning
- Form/process/policies for updating records
- Have a soft rollout
- Coordinate with data quality team



Thank You!

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