



Overview of **Perinatal Hepatitis C Program** in the State of **Arizona**



June 26, 2024

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Arizona Department of Health Services

ADHS

*Health & Wellness
for All Arizonans!*

To promote,
protect, and
improve the health
and wellness of
individuals and
communities in
Arizona.



Our team is committed to providing up-to-date information and resources to keep Arizonans safe and healthy.



Meet the... Hepatitis C Team!



Back row, left to right

- Dr. Fahad Akram, HCV Senior Epi
- Priscilla Hernandez, HCV Data Entry Specialist
- Vera Bowlby, HCV Communicable Disease Investigator
- Arlis Jenkins, HCV Epi Program Manager

Front row, left to right

- Dr. Whitney Mgbara, CSTE Epi Fellow
- April Rideout, HCV Perinatal Epi
- Saul Holguin-De La Cruz, HCV Patient Navigator

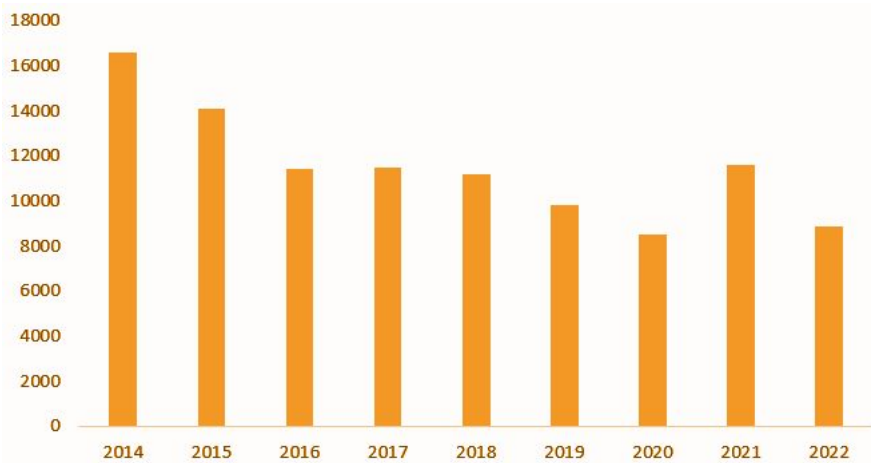
Not Pictured

- Lisa Najarian, HCV Perinatal Intern

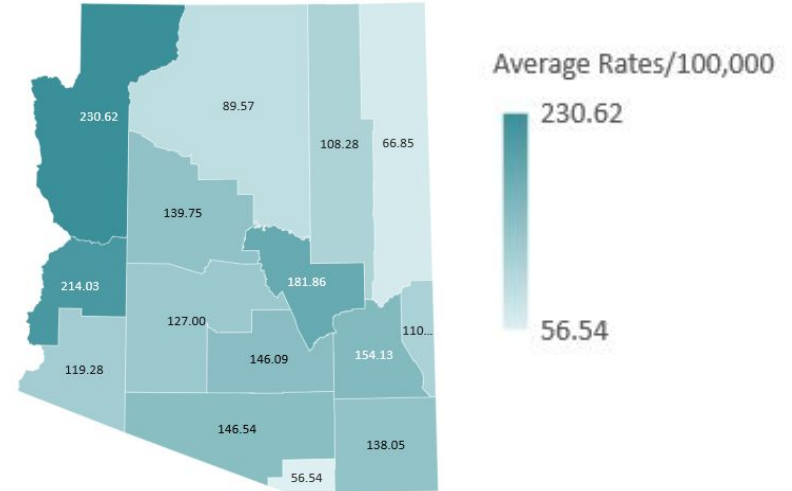
Hepatitis C

By the Numbers

AZ Hepatitis C Reports (2014 - 2022)



County Rate Averages (2018 - 2022)



AZ Hep C SETNET Implementation Goals

In 2021, hepatitis C case investigations had not been in place since 2008 and there was no set database to manage reports. This led to two goals:

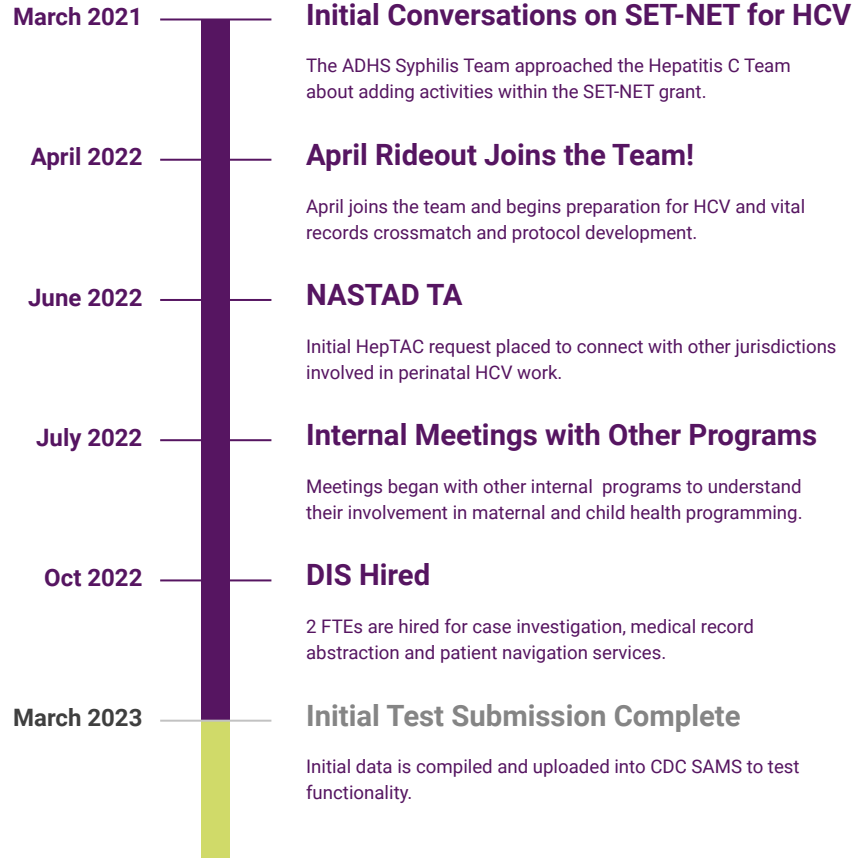
1 Understand Perinatal Hep C and Programming Options.

2 Develop a person-based hep C database.

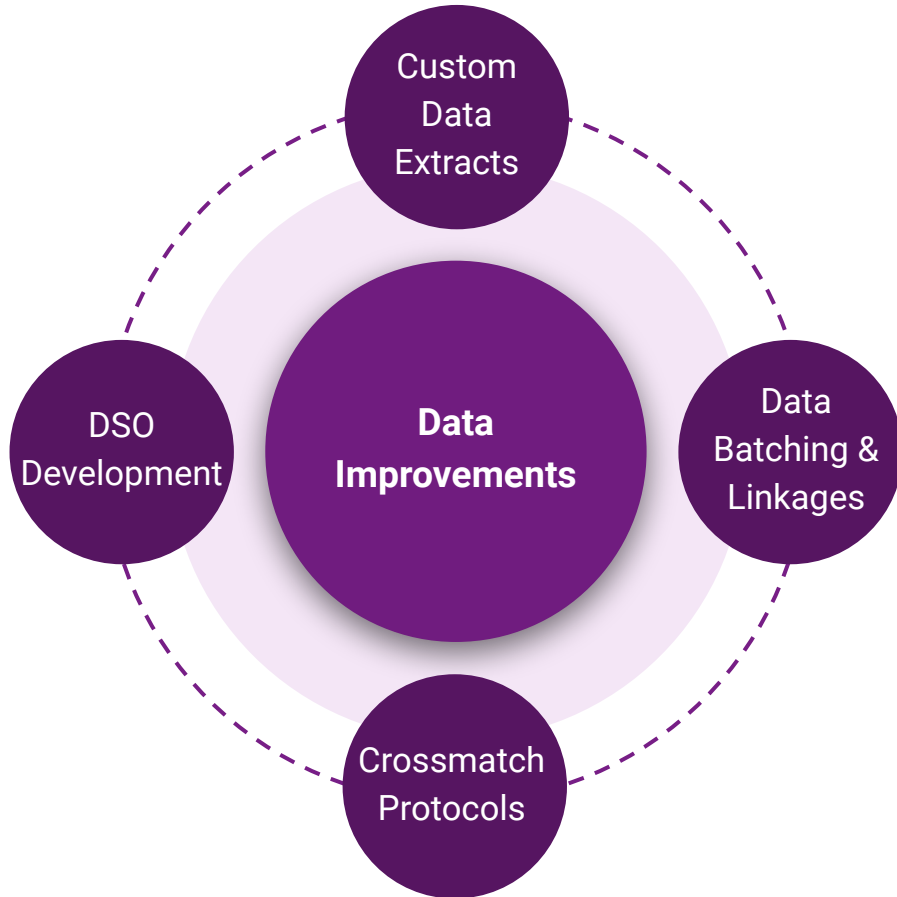
Perinatal Hep C Program

Initial NASTAD TA Meetings led to follow up calls with several other states:

- Tennessee
- Philadelphia, PA & Alleghany County
- Michigan
- Massachusetts



Perinatal Hep C Registry



- The Medical Electronic Disease Surveillance Intelligence System (MEDSIS) is a person-based, secure and web-based system.
 - Biweekly meetings helped facilitate discussions.
- Conversations with other ADHS teams helped explore further MEDSIS capabilities and usage.
- Crossmatching was complete with MatchPro.

Assessing the Burden of Perinatal Hepatitis C in AZ

HCV Testing Data
(Jan 2014-Dec 2020)
73,910 reports

Birth Records
(Jan 2018-Dec 2020)
241,710 births



Crossmatch

Birth parent:

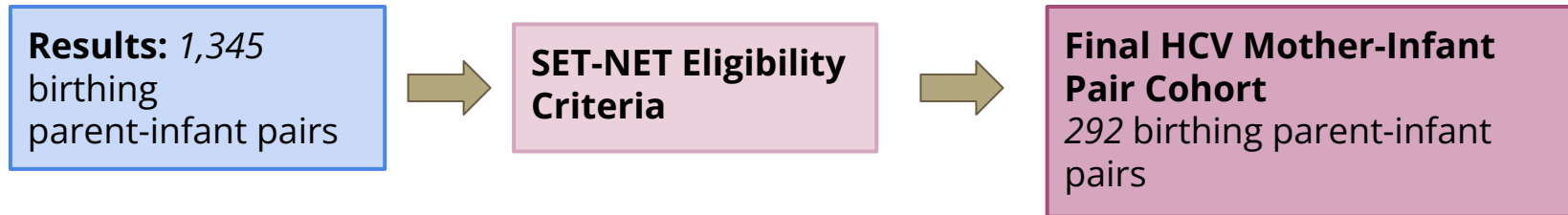
- First name
- Middle name
- Last name
- DOB



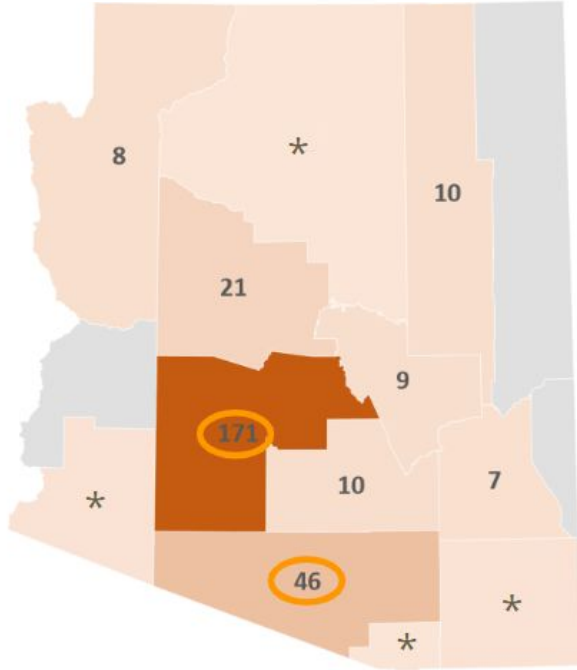
Results
*1,345 birthing
parent-infant pairs*

SETNET Eligibility Criteria

Pregnant persons who are HCV RNA+ during pregnancy or one year prior to pregnancy without evidence of treatment or clearance.



Demographics for perinatal Hep C exposure in AZ (2018-2020)



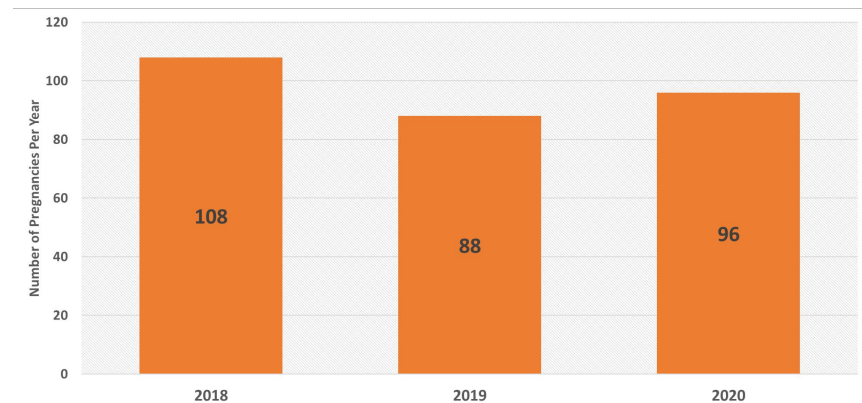
**Data for county is suppressed based on suppression criteria* to protect privacy and confidentiality.*

Birthing Parent Demographics (n = 279)

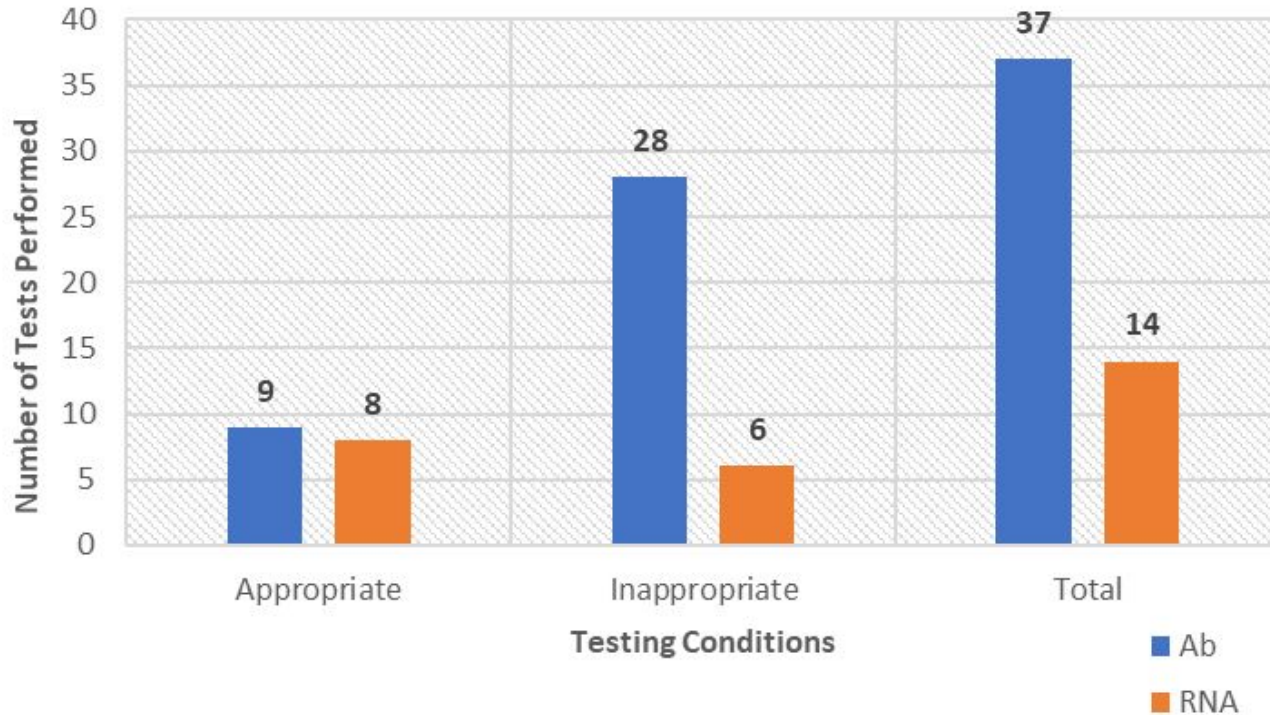
**Race/Ethnicity
Breakdown:** 79%
White Non-Hispanic

**Average Age at
Delivery of Infant:** 30
years

There are **292** infants in our **2018-2020** cohort identified through linkage to birthing parent's confirmatory HCV testing and birth records.



Number of infants exposed to Hep C tested at appropriate and inappropriate times



76% of infants tested for **antibodies** and **43%** of infants tested for **RNA** were tested at **inappropriate times**.

Challenges

Figuring out who the pediatrician are for infants

Learning to crossmatch data with different sources

Building processes for requesting records and performing abstractions



Looking Ahead

CityMatCH Abstract

KAP Survey & stakeholder meetings

Administrative Code Changes
(*pending*)

Process Improvement (EHR access, HIE extracts)

Education Material Development and Dissemination

OBGYN/Provider for Birthing Parent Materials

Pediatric Provider for Infant and Children Materials

Responding to Needs of Community

Want to get in touch with the **Hepatitis C** **Team?**

General Inbox:

hepc@azdhs.gov

Hep Free AZ:

hepfreeaz@azdhs.gov

