

Child Vaccine Tracker

Redwood Community Health Coalition
Promising Practice

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PROMISING PRACTICE OVERVIEW

In August 2018, CommuniCare Health Centers (CCHC) implemented a new “child vaccine tracker” in all three locations using their Relevant instance. The quality department created a Relevant report, pulling all patients under two years old past due or soon to be due for vaccinations. The goal was to identify patients missing vaccinations and bring them in for care before they reached the two years old cut-off. Medical Assistants (MAs) and Preventive Care Coordinators (PCCs) review the reports to identify patients needing vaccines, how long until patients turn two, and when patients have their next appointment.

CCHC created a Panel Report for the WCC called CHDP Panel Management Report. The CHDP Panel Management Report is used along with the Child Vaccine Report or the Adolescent Immunization Report to make sure patients stay on top of both their immunizations and CHDPs. CHDP (Child Health and Disability Prevention) visit is the same as a Well Care Visit.

Typically, the reports are run for the provider’s whole Panel or if the report allows, such as the CHDP Panel Management Report, a specific age group (<15mo, 3-6, 7-11, 12-17 years of age).

AIM

To proactively increase the number of patients receiving complete immunizations before reaching specified age cut offs (i.e. age of two for children, age of thirteen for teenagers).

MEASURES

Childhood Immunizations Status (UDS 2021 Table 6B)

Numerator: Children who have evidence showing they received recommended vaccines, had documented history of the illness, had a seropositive test result, or had an allergic reaction to the vaccine by their second birthday

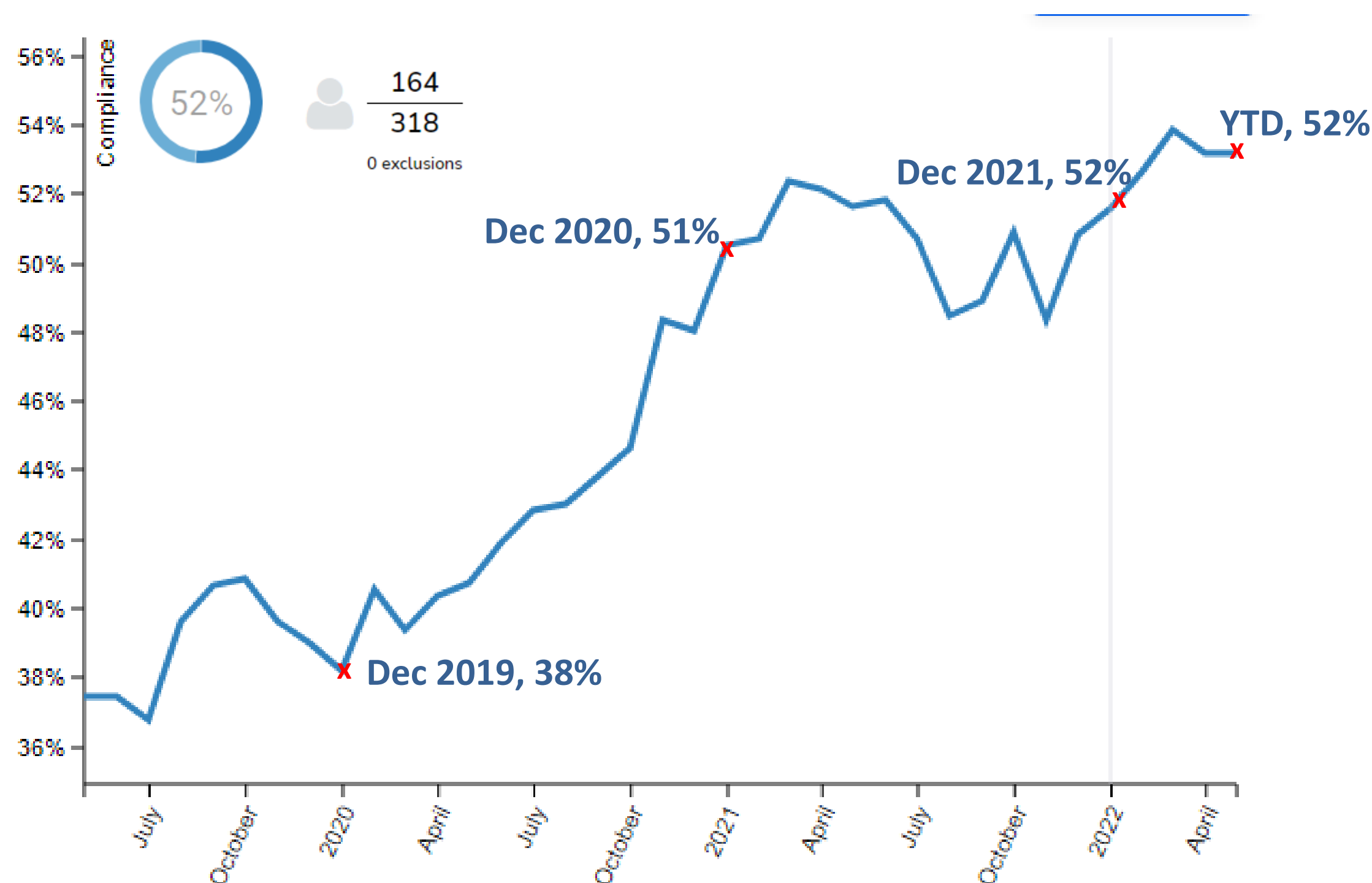
Denominator: Children who turn 2 years of age during the measurement period and who had a **medical** visit during the measurement period

Exclusions: Patients who were in hospice care during the measurement period

Reports also pull patient data for the QIP Childhood Immunization Combo measure.

CCHC Childhood IZ Status

2019	2020	2021
38%	51%	52%



LESSONS LEARNED

The Relevant reports continue to evolve as do the unofficial workflows CCHC staff use. CCHC is considering creating a formal workflow to allow standardization across the organization on how often the reports are run and how they are used. Other Best Practices: a. Using Relevant during Huddles b. Evening CHDPs & IZ Clinic (all three sites) & Saturday appointments (only at one site) c. Converting sick visits to CHDPs.

ACTIONS TAKEN

- Built Relevant report (vaccine tracker) to pull patients under two years old with past due vaccinations. Report Criteria:
 - Vaccine(s) completed, or vaccine(s) are past due
 - Refused vaccines (yes or no)
 - Next appointment date and time
 - Telephone Encounter notes (may or may not be related)
 - A specific age group (>2mo & <2yo, >=2yo & <6yo)
- Trained staff to utilize the vaccine tracker during admin time and report results during weekly team meetings.
- Created additional Relevant care gaps reports to prompt immunization for past due vaccines (e.g. Overdue for Child/Adolescent Vaccine). MA will check CAIRS to determine which vaccine they may be overdue for.
- These reports are given by the clinic PCC to the Care Team MA on a quarterly basis who works on it during their QI or Admin time.
- During their QI time, the MA works with the PCC who coaches the MA on how best to approach the calls.
- Relevant Text Campaigns that support Well Child & Immunization efforts are the Annual CHDP Reminder (3-11), Adolescent Well Child Exam (12-17), and Adolescent HPV Campaign. These texts are sent out every three months, the patient is encouraged to schedule an appointment for the services mentioned in the text and the text is unidirectional.
- Convert sick visits to CHDPs. To assist with this and to encourage all providers to use this approach we are in the early stages of exploring whether a mini-CHDP Template is possible.

Relevant Child Vaccine Report or the Adolescent Immunization Report WORKFLOW

These reports are given by the clinic PCC to the Care Team MA on a quarterly basis who works on it during their QI Time or Admin time. During their QI time, the MA works with the PCC who coaches the MA on how best to approach the calls. Typically, the reports are run for the providers whole Panel or if the report allows, such as the CHDP Panel Management Report, a specific age group (<15mo, 3-6, 7-11, 12-17 years of age).

Reports:   PC: Child Vaccines Status

Showing results from the last time this report was run at April 11, 2022 10:20 AM. If the queried data has changed since then, results may be out of date.

Description
Immunization status for children older than 2 months and less than 2 years old with a medical visit in the past year from today. Excludes Inactive/BH patients.
-Overdue vaccines are based on intervals recommended by the CDC - patients may be non-compliant by UDS/QIP definitions
-Vaccine refusals are captured using ICD Code Z28 in the Problem List and Assessments. They are displayed if it was added in the past year
-Overdue flu vaccines will appear only during September - May

Parameters [Reset to defaults](#)

Patients Assigned Site: Davis Community Clinic
Patients PCP: Primary Care: Phillips, L.
Has Next Appointment: All

Search Account No: [input]
Vaccines Overdue: All
Search Vaccine Overdue (Ex. Flu 2): [input]

LEGEND:
• Due now - the next dose is due now before it becomes past due
• x Days BEHIND on Dose - the next dose is past due by x days
• x Days UNTIL Dose - the next dose is due in x days
• Done - child completed the vaccine series
• Exempt - child should not receive vaccine because of immunity or health reasons
• Aged Out - child can no longer receive vaccine by CDC standards

Child Age: > 2mo & < 2yo
Last Appt After: 01/01/2020
Has Last Appt: All

QIP Denominator: All
Child Up To Date: No
Partnership Membership Current Patient: Yes

Requested by: Primary Care Department

[Refresh](#) Expected run time: 9.551 sec. [Export results](#)

Results table: [Add view](#)

RELEVANT CAMPAIGN WORKFLOW

Relevant Text Campaigns that we have created to support Well Child & Immunization efforts are the Annual CHDP Reminder (3-11), Adolescent Well Child Exam (12-17) and Adolescent HPV Campaign. These texts are sent out every three months, the patient is encouraged to schedule an appointment for the services mentioned in the text and the text is unidirectional.

Reports: PC: CHDP Panel Management

Showing results from the last time this report was run at April 15, 2022 10:30 AM. If the queried data has changed since then, results may be out of date.

Description
All patients in the following age groups who are overdue for a CHDP visit
• <= 15 month olds
• 3-6 year olds
• 7-11 year olds
• 12-17 year olds
Patients <= 15 month olds with 6 visits and older than 3 years with a visit in the calendar year are excluded

Parameters [Reset to defaults](#)

Assigned Site: All
User Groups: All
Assigned PCP: All

CHDP Age Group: All
Has CHDP Scheduled: All
Has Next Appointment: All

Has Prior Appointment: All
Has Prior TE: All
Partnership Membership List Patient: All

Search Account No: [input]

Requested by: Primary Care Department