

# South Dakota HPV Immunization Grant 22-23

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# SD Cancer Coalition Funding Opportunity

Cancer Plan Priority 5 – Increase HPV vaccination rates

Awarded \$25,000

Worked with 5 clinics with the lowest HPV series completion rates among 11–12-year-olds

Starting the HPV vaccination series at age 9 is now recommended as a best practice by the American Cancer Society (ACS) and American Academy of Pediatrics (AAP).

Administration after the age of 12 is considered late and catch-up. Sanford has adapted this best practice.

At least 1 nurse from each clinic spending 1 to 2 hours on project through grant period

# Participating Locations

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# Clinics Involved

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1. Sanford Health Beresford Clinic, 600 W Cedar St. Beresford, SD 57004
2. Sanford Health Brookings Clinic, 922 22nd Ave. S., Brookings, SD 57006
3. Sanford Clinic Canton, 400 N. Hiawatha Dr., Canton, SD 57013
4. Sanford Chamberlain Clinic, 300 S. Byron Blvd., Chamberlain, SD 57325
5. Sanford Health Hartford Clinic, 905 N. Oaks Ave., Hartford, SD 57033



# Target Population

**Male and Female patients ages 9 to 12 years**  
associated with the participating clinics

*A best practice identified by the American Academy of Pediatrics  
and the American Cancer Society*

# Interventions

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# Provider Reminders & Recall System

Clinics are evaluating up to 25% missed opportunities reports monthly to identify patients who need HPV vaccination and work to educate, answer questions, and schedule appointments.

For the time frame of grant June 1, 2022, through May 31, 2023, there were **at least 2075** patients who staff reached out to via phone, recall letters, or my chart reminders. This is dependent on the practice preferred by the clinic.



# Missed Opportunities Report

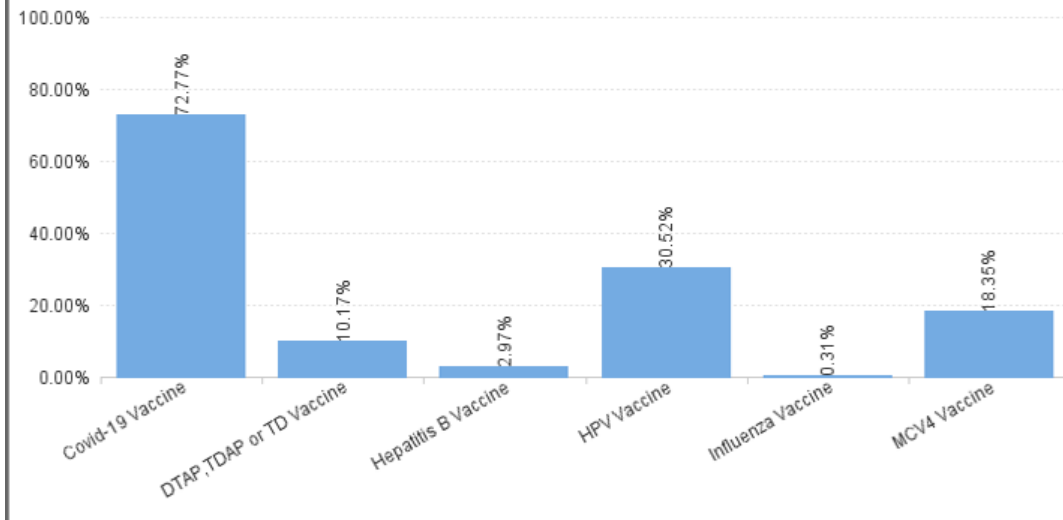
Review missed opportunities to identify how to avoid them in the future.

## AMB0064 - Adolescent Immunizations Missed Opportunities

Displays patients age 9 to 17 with an encounter where overdue vaccines were not not given and therefore counted as a "missed opportunity". Report uses Health Maintenance Topics for the vaccines with a Health Maintenance Status of Overdue.

From 02/01/2023 to 02/28/2023

### % Encounters with Missed Opportunities by HM\_TOPIC\_NAME

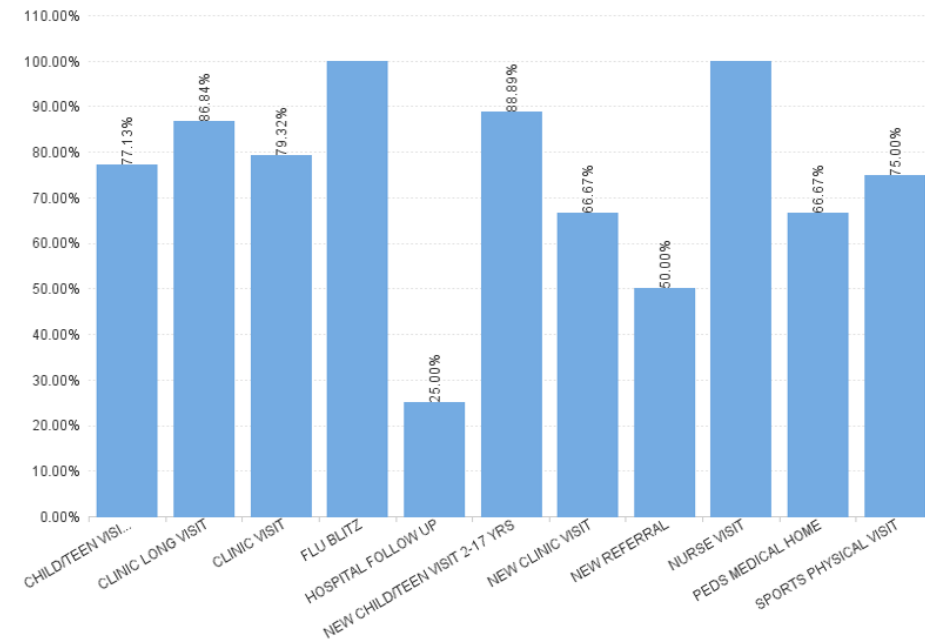


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### % Encounters with Missed Opportunities by VISIT\_TYPE







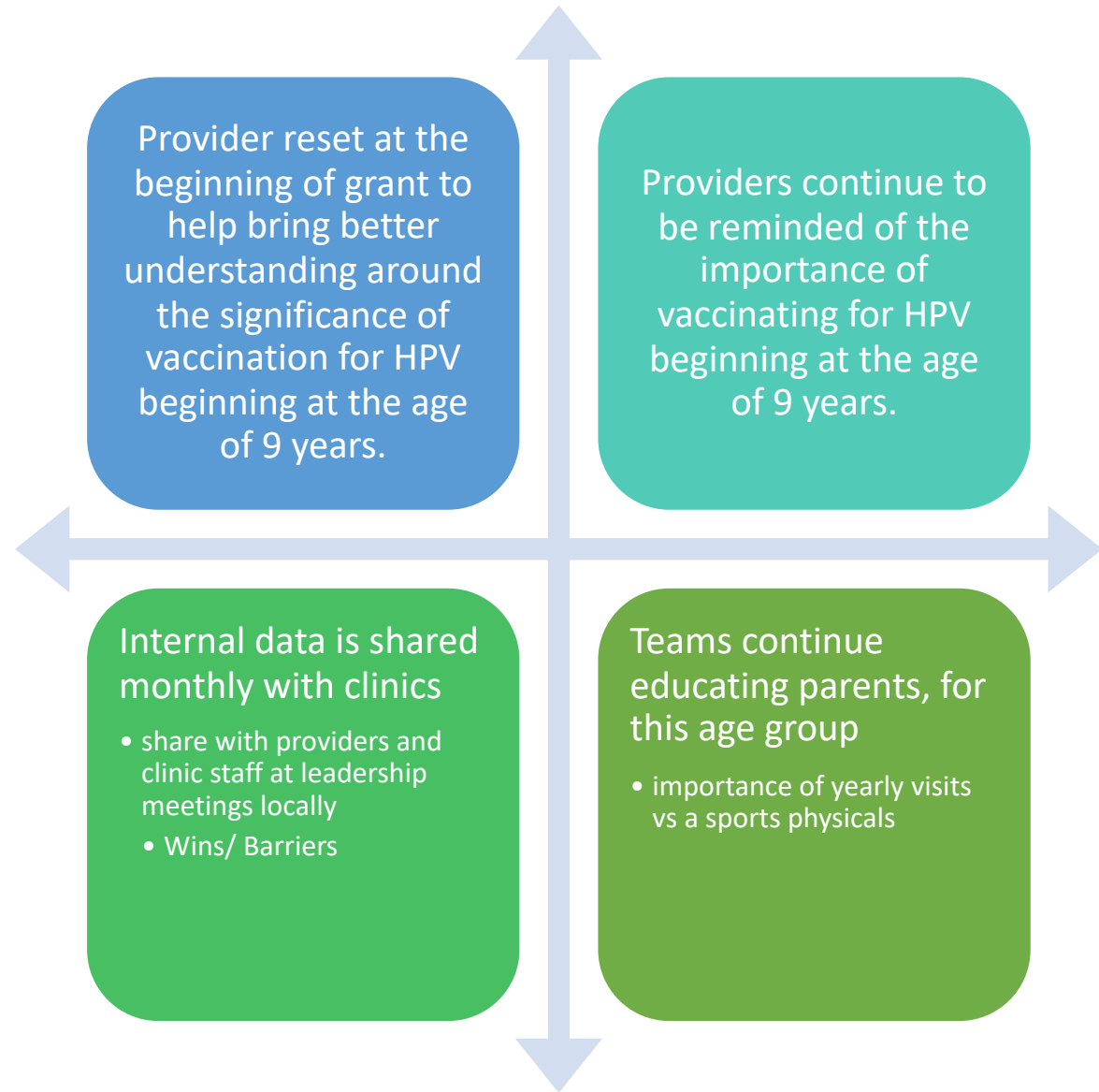
# ORDER



## Policy Adoption

- Sanford Health has a protocol order for series initiation at age 9 to 10 years.
- Implementation of Health Maintenance to trigger for all patients who would be due for HPV beginning at the age of 9 instead of age 11 in late May of 2022.

# Provider Assessment and Feedback



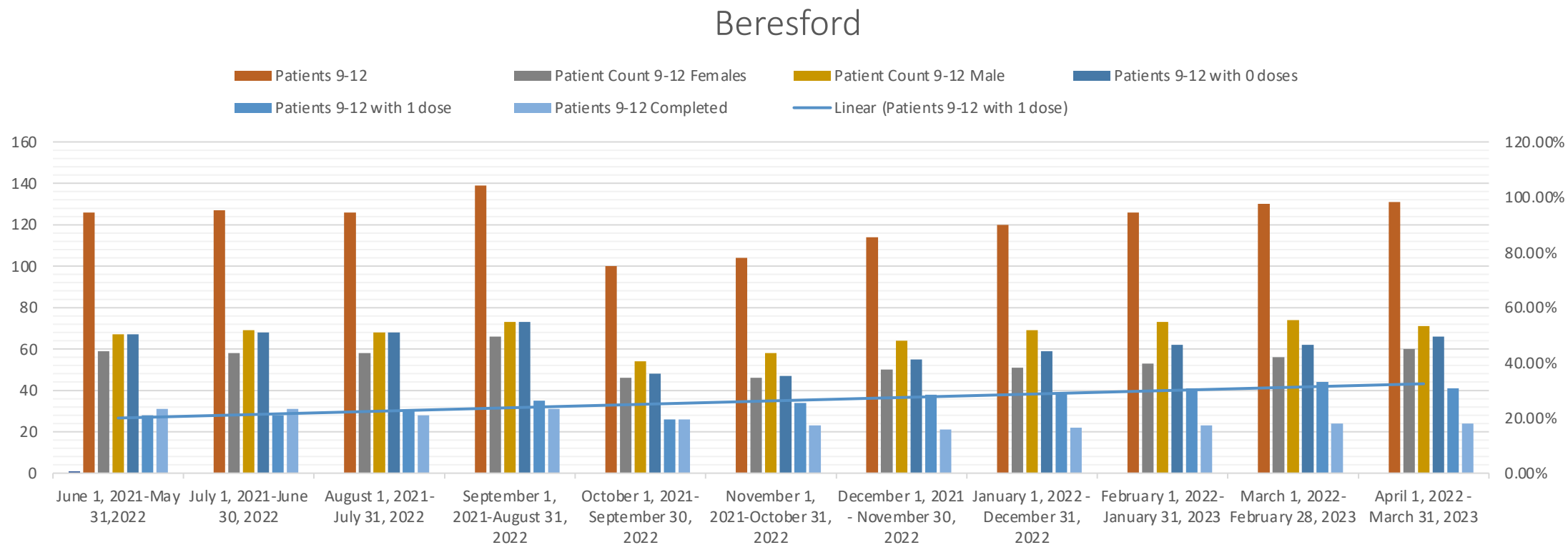
# HPV Immunization Rates

Immunization Strategy  
provided baseline data  
June 1, 2021-May 31,  
2022

Updated data shared  
monthly thereafter  
through June 30, 2023

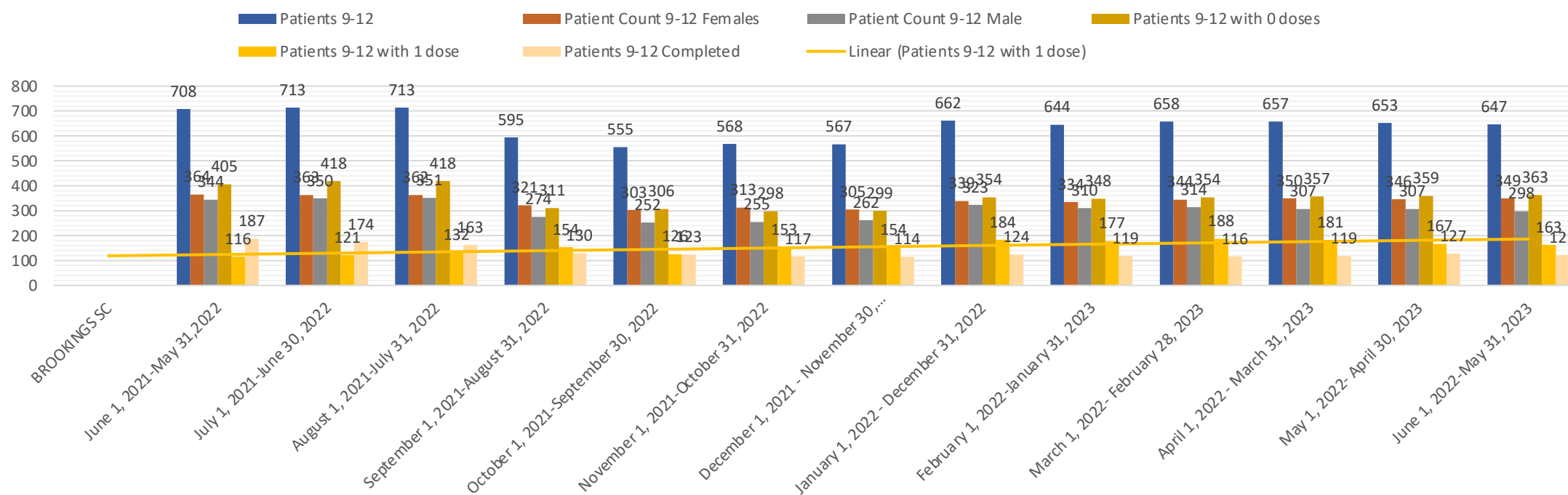
Data to be shared with  
all staff by vax champ  
and/or project leads  
(e.g., staff meetings)

# Beresford Grant Snapshot



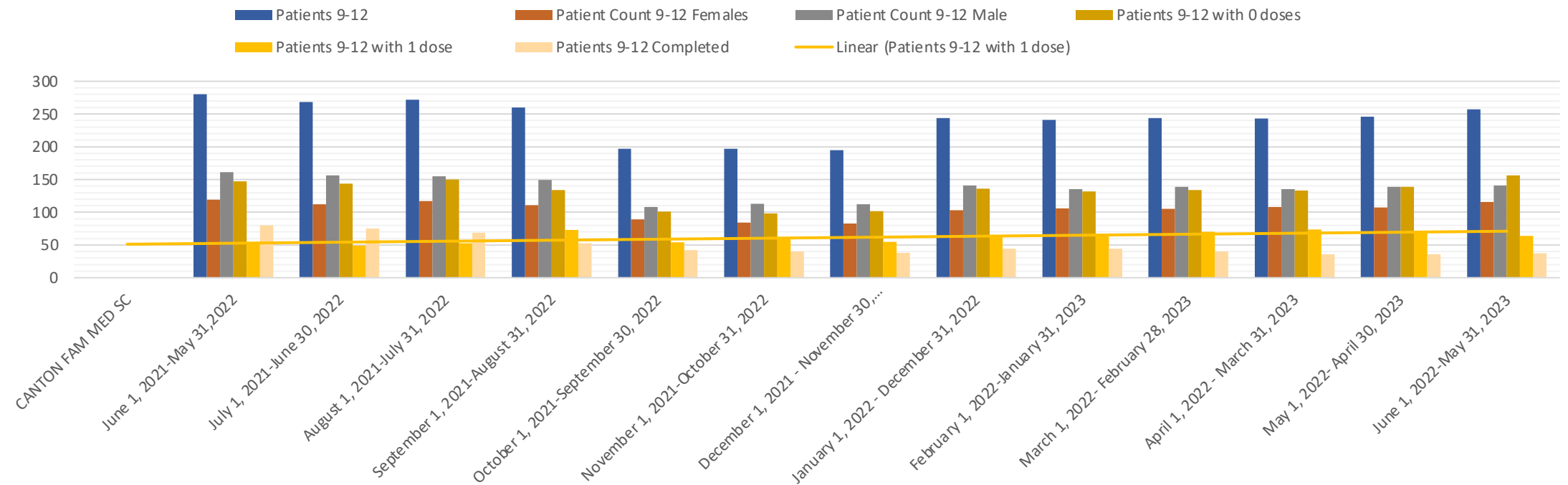
# Brookings Grant Snapshot

## Brookings

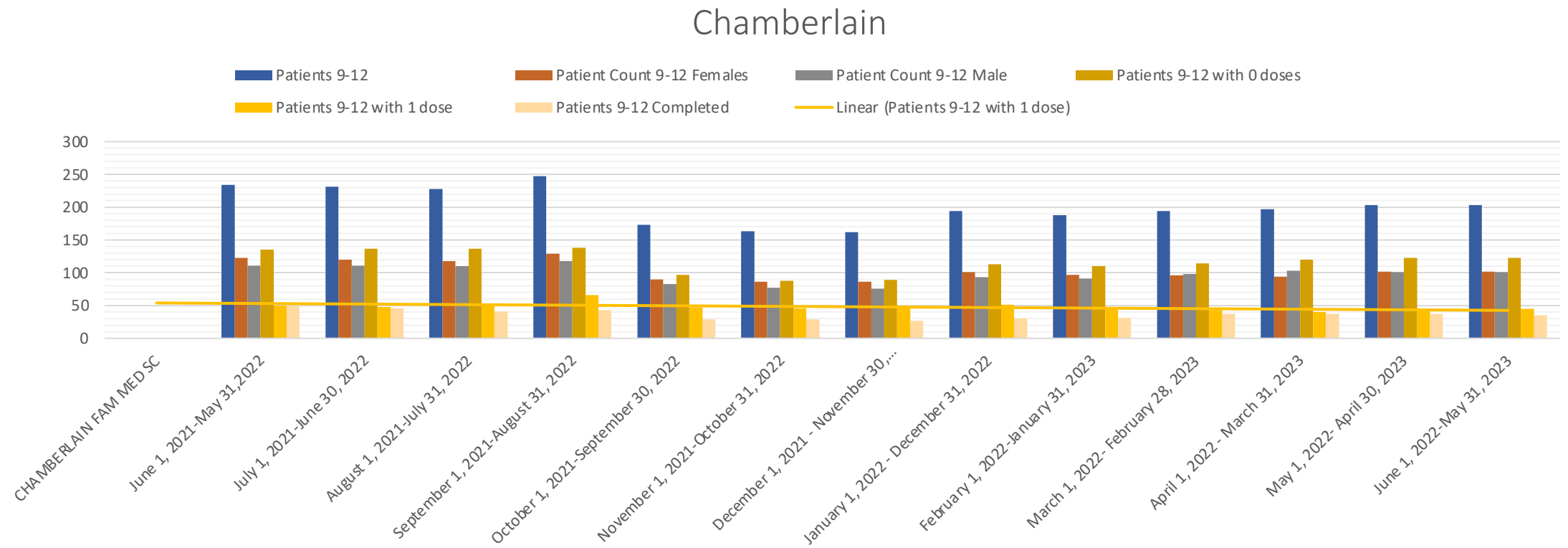


# Canton Data Snapshot

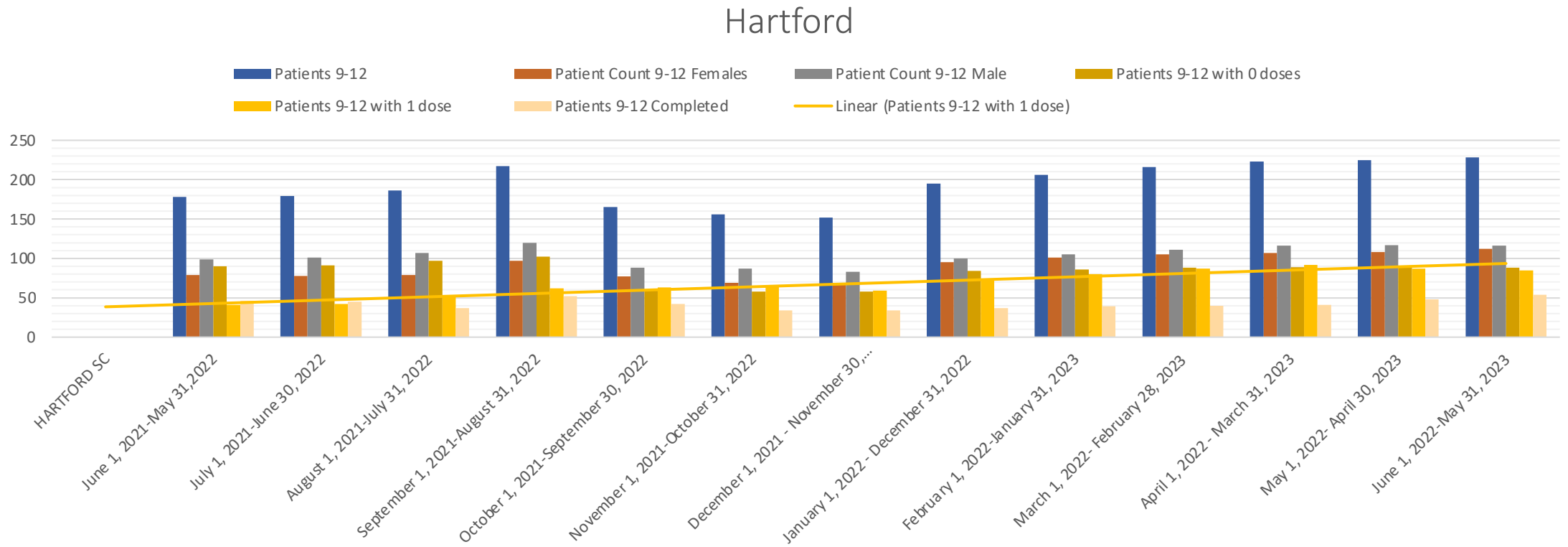
## Canton



# Chamberlain Data Snapshot



# Hartford Data Snapshot





# Progress and Successes

Internal data shows a steady decrease in patients who have has 0 doses of vaccine.

Overall HPV rates are slowly improving as time between dose 1 and 2 are 6 months.

Reconciliation Education

Immunization Strategy continues to educate and encourage presumptive recommendations for vaccination vs participatory recommendations.

Efforts continue to encourage staff to have processes in place for patients to schedule a second appointment at the end of the first appointment to ensure the patient completes series.

Mass Reminder Recall was done the beginning of May 2023 for the ages of 9 through 12 years in all 5 clinics to help encourage vaccination (1221)

- Total Portal Reminders 1487
- Total Mailed Reminders 795

Providers encouraged clinics to implement more evening clinics

Understanding of why the HPV Vaccine is important

Provided American Cancer Society HPV Vaccination Toolkits to help with education

# Barriers/Challenges

- Provider Recommendation
- Families who receive reminder letters who have refused vaccination in the past, do not want them now.
  - Overall response from patients who have received reminder letters and come back in for vaccination is low.
- Refusal of vaccination during Holiday season
- Internal Data report errors
- Influx of sick children during winter months
  - Parents refusal of vaccination
  - Some parents were willing to schedule initial appointment when conversation around HPV vaccination happened at visit while child was ill
- Lack of HPV Conversations
- Competing vaccinations; “vaccine fatigue”
  - What is “required”?

# Identified Next Steps

Leadership continues to give nursing staff extra time within their schedules to address patients who are behind or have a missed opportunity.

Staff continue to focus on slowing down and explaining to the parents what they need, using resources and tools to educate patients and families.

Reiteration of the importance of chart review prior to the patient's arrival for the day can help prepare staff to have the appropriate conversations.

If appointments are cancelled or a no show, follow appropriate processes to get patients back in the office for vaccination.

Brookings brought Patient Access Representative (PAR) staff in to help with this project.

Chamberlain has had the help of the RN Care Manager to place stickers on charts to help identify patients that are flagging as due for an HPV vaccination.

All clinics looking to implement vaccines at morning staff huddles for staff to have better awareness for the day which patients need what vaccines.



# Lessons Learned

Education and awareness to providers and staff continues to be beneficial. Providers share that they are recommending the vaccine to parents, to 9–10-year-olds, where they did not previously.

Most clinics continue to see a difference when charts are reviewed prior to patient arrival. This helps staff prepare charts to inform patients when a patient is in the doctor's office.



# Thank you

