

BRIEF

STEP BY STEP GUIDE TO GET YOUR PATIENTS UP TO DATE ON IMMUNIZATIONS

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Spring 2021 Georgia Pediatric Practice
Managers & Nurses Association
May 3 – May 31, 2021

I have no
conflicts of
interest to
disclose

Noreen Dahill



Why is this presentation for Practice Managers?

- ▶ “Helping patients stay current on their vaccinations not only keeps them healthy but produces a **steady source of revenue**”

Why is this presentation for Practice Managers?

- ▶ “For pediatric practices to remain financially viable and care for the millions of children every day, it is incumbent that they have a steady **flow of patients** through their office **to generate** the **revenue** needed to cover their high fixed costs.”



Fewer childhood vaccines have been given during the COVID-19 pandemic*

To avoid outbreaks of vaccine-preventable diseases and keep children protected, **vaccinations and well-child visits are essential**

The Importance of Getting Your Patients up-to-date on Vaccinations

IMPLICATIONS OF APPROVAL OF COVID-19 VACCINE FOR AGES 12 & OLDER

Currently, lack of data on safety and efficacy of COVID-19 vaccines given with other vaccines

- CDC recommends routine administration alone
- Minimum 14-day interval unless benefits of vaccination outweigh potential risks of vaccine coadministration

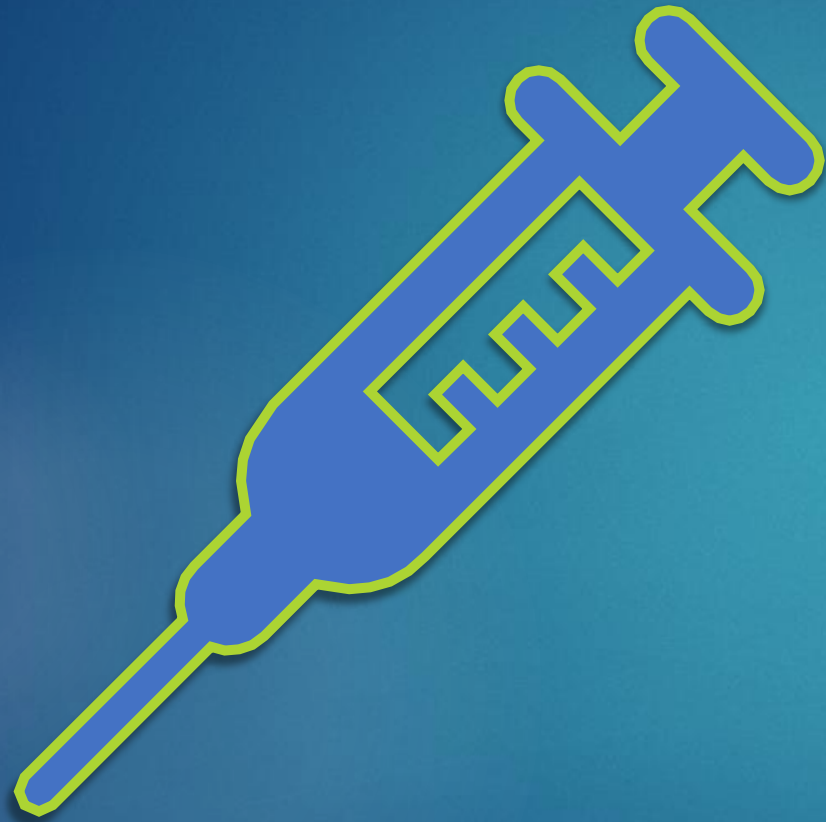


Why the Urgency?

Why is this
presentation
for Practice
Managers?

“Things do not
happen. They
are made to
happen.”

John F. Kennedy



STEP BY STEP GUIDE TO GET YOUR PATIENTS UP TO DATE ON IMMUNIZATIONS

LET'S BEGIN!

Objectives

Demonstrate

Demonstrate the ability to run GRITS assessment reports



Generate

Generate a report of patients not up-to-date on their recommended immunizations



Construct

Construct a process to recall patients, who are behind on immunizations, and schedule them for an office visit



How do I generate a report that will tell me who is **not** up-to-date on immunizations?

1. Log into GRITS (Georgia Immunization Registry)



- ▶ Log into GRITS (Georgia Immunization Registry). **www.GRITS.state.ga.us**
- ▶ If you are not familiar with GRITS, ask your vaccine manager to assist in this process.
- ▶ Reminder: Organization Code is in capital letters

Process from start to generating reports, is about 10 minutes. Most of the time is waiting for GRITS to generate the Assessment Report.

2. Click on Assessment Report

Create Assessment Reports

- ▶ 3. Click on Create Assessment
- ▶ 4. Click Standard (Children 24 to 35 Months)

Production Region 15.6.0

Assessment Reports

- Request CASA Extract
- Check Request Status
- Create Assessment**
- Manage Assessment

Organizations

Admin Support

Patients

Data Exchange

Maintenance

Immunizations

Create Assessment Reports

Child Vaccinations by 24 Months

- Standard (Children 24 through 35 Months)
- Custom Population

Adolescent Vaccinations

- Standard (Adolescents 13 through 17 Years)
- Custom Population

Adult Vaccinations

- Standard (Adults 18 years and older)
- Custom Population

Create Assessment Reports

- ▶ 5. If multiple offices are under your GRITS organization, click the office in which you would like to run the report.
- ▶ 6. If multiple offices, add the office in which you would like to run the report.
- ▶ 7. Click the Generate button.

The screenshot shows the 'Standard Child Assessment Report' interface. The left sidebar contains a navigation menu with categories: Assessment Reports, Organizations, Admin Support, Patients, Data Exchange, Maintenance, Immunizations, Inventory, Reports, General, School Access, and Enrollment. The 'Assessment Reports' section is expanded, showing options like 'Request CASA Extract', 'Check Request Status', 'Create Assessment', and 'Manage Assessment'. The main content area is titled 'Standard Child Assessment Report' and includes a sub-header 'Child Vaccinations by 24 Months - Children 24 through 35 Months'. Below this, there are filters for 'Age Range' (Children 24 through 35 Months as of 04/16/2021) and 'Birth date range of 04/17/2018 through 04/16/2019'. The 'Client Associations' section has three radio button options: 'Clients Associated with [redacted]' (selected), 'Clients Associated with Selected Organizations below', and 'Clients Associated with [redacted] or Selected Organizations'. Below these are two columns: 'Available Organizations' and 'Selected Organizations'. Between these columns are four buttons: 'Add >', 'Add All >>', '< Remove', and '<< Remove All'. At the bottom, there is an 'Assessment Name' field with a text input and '(optional)' label, and a 'Generate' button. Three green callout arrows point to the 'Add >' button (labeled 5), the 'Add All >>' button (labeled 6), and the 'Generate' button (labeled 7).

Create Assessment Report

- ▶ 8. Once you have clicked the Generate button to create any of the reports, the Manage Assessments page will open.
- ▶ New reports will appear under Assessment Cohorts.
- ▶ Click the Refresh button until the Status column says Ready.

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Assessment Reports

- Request CASA Extract
- Check Request Status
- Create Assessment
- Manage Assessment

Manage Assessments

Assessment Cohorts

Edit	Delete	Assessment Name	Generated By	Count	Date Generated	Status
				(204)	04/16 10:35:11 AM	Ready
				(293)	01/22 02:46:02 PM	Ready
				(293)	01/22 02:58:51 PM	Ready
				(1)	12/07 11:13:44 AM	Ready
				(954)	12/04 01:21:41 PM	Ready

Refresh

Back to Create Assessment

Create Assessment Report

- ▶ 9. Click on the edit icon to go to the Assessment Reports page.

The screenshot displays the DPH GRITS web application interface. The header includes the DPH logo and the text 'GRITS GA Registry of Immunization Transactions & Services'. The navigation menu contains 'Home', 'Resources', 'About Us', and 'Help'. The main content area is titled 'Manage Assessments' and features a table of assessment cohorts. A green arrow with the number 9 points to the 'Edit' icon in the first row of the table. The table has columns for 'Assessment Name', 'Generated By', 'Count', 'Date Generated', and 'Status'. The status for all rows is 'Ready'.

Assessment Name	Generated By	Count	Date Generated	Status
[Redacted]	[Redacted]	(204)	04/16 10:35:11 AM	Ready
[Redacted]	[Redacted]	(293)	01/22 02:46:02 PM	Ready
[Redacted]	[Redacted]	(293)	01/22 02:58:51 PM	Ready
[Redacted]	[Redacted]	(1)	12/07 11:13:44 AM	Ready
[Redacted]	[Redacted]	(954)	12/04 01:21:41 PM	Ready

Create Assessment Report

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Assessment Reports

Type: Child Standard (Child Standard) [Dropdown] Back to Manage Assessments

Generated By: [Dropdown] Age as of Date: 04/23/2021 Birth Date Range: 04/24/2018 - 04/23/2019

Output Options

Summary Report (PDF)

Patients Not Up to Date List (PDF)

Detail Reports

Not Up to Date Report (PDF)

Generate Output

Refresh

No reports found

- ▶ Three output options will be shown: Summary Report, Patients Not Up to Date List, and Not Up to Date Report.
- ▶ 10. Click the Summary Report and Patient Not Up To Date List.
- ▶ 11. Click Generate Output

Create Assessment Report

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Assessment Reports

Type: Child Standard (Child Standard [dropdown]) [Back to Manage Assessments]

Generated By: [dropdown] Age as of Date: 04/23/2021 Birth Date Range: 04/24/2018 - 04/23/2019

Output Options

Summary Report (PDF)
 Patients Not Up to Date List (PDF)

Detail Reports

Not Up to Date Report (PDF)
Generate Output

Generated Reports

Refresh

View	Delete	Report Type	Started	Status
[icon]	[X]	Not Up To Date Report	04/23 12:38:53 PM	100%
[icon]	[X]	Patients Not Up to Date List	04/23 12:38:49 PM	100%
[icon]	[X]	Summary Report	04/23 12:38:46 PM	100%

- ▶ 12. The reports will appear within the Generated Reports section. Click the Refresh button until the Status column displays 100%. This may take a few minutes. Then click the report to open it.

How Does My Practice Compare to Georgia Averages?

▶ Childhood Immunization Summary Report

The percentage, of patients, who were up-to-date by 24 months for the listed immunizations

Georgia statewide averages for the listed immunizations

Healthy People 2020 goals for the listed immunizations

Goal: Be above Ga Average



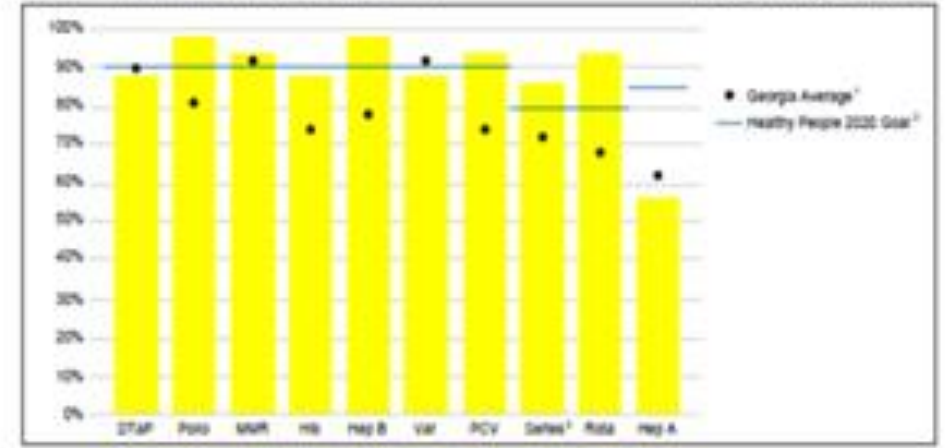
Childhood Immunization Summary

Georgia Registry of Immunization Transactions and Services

Report Type: Standard
 Birth Date Range: 03/24/2015 - 03/23/2016
 Report Run Date: 03/26/2018 Assessment Date: 03/23/2018
 Report Generated by: DPH - Georgia Immunization Program - GRITS

Assessment of Immunization Rates at 24 Months

242 Client Records Assessed



The following childhood vaccines and doses are recommended for all young children.

	Up to Date by 24 months	%	Ga. Average ¹	
DTaP	210	87%	90%	4 or more doses of diphtheria, tetanus, and pertussis vaccine
Polio	236	98%	81%	3 or more doses of poliovirus vaccine
MMR	226	93%	93%	1 or more doses of measles, mumps, and rubella vaccine
Hib	210	87%	73%	2, 3, or 4 or more doses of <i>Haemophilus influenzae</i> type b vaccine, depending on product and age at first dose
Hep B	237	98%	79%	3 or more doses of hepatitis B vaccine
Var	212	88%	93%	1 or more doses of varicella vaccine
PCV	228	94%	73%	2, 3, or 4 or more doses of pneumococcal conjugate vaccine, depending on age at first dose
Series ²	205	83%	73%	Receipt of all doses for antigens listed above (DTaP, Polio, MMR, Hib, Hep B, Var, and PCV)
Rota	224	93%	68%	2 or 3 or more doses of rotavirus vaccine, depending on product type received
Hep A	134	55%	63%	2 or more doses of hepatitis A vaccine

How Do I Know Which Patients Need to be Contacted, to Schedule an Appointment?

The Patients Not Up to Date at 24 Months List

- ▶ Lists all clients who were not up-to-date by 24 months of age.
- ▶ The report displays: immunizations for which the patient was not up to date by 24 months, and whether the patient is still overdue.
 - ▶ 1. For example, if a client was “Late Up-to-Date” they would have 1 or more X’s indicating the vaccine(s) for which they were not up-to-date by 24 months but the “Still Overdue” column would be blank.
 - ▶ 2. Clients who are not up-to-date as of the report run date have an X in the “**Still Overdue**” column.



GRITS Georgia Registry of Immunization Transactions and Services

Patients Not Up To Date at 24 Months Page 1 of 1

Report Type: Standard
Birth Date Range: 03/24/2015 - 03/23/2016
Report Run Date: 03/26/2018 Assessment Date: 03/23/2018
Report Generated by: DPH - Georgia Immunization Program - GRITS

Chart Number	Client Name	Birth Date	GRITS ID	X = Not Up To Date at 24 Months							Still Overdue
				DTaP	Polio	MMR	Hb	Hep B	Var	PCV	
		07/03/2015	14889676				X				
		04/07/2015	14736365	X			X				
		11/19/2015	15397585	X							
		11/23/2015	15265090	X		X	X		X	X	X

• Patients Not Up to Date Report (Childhood Immunization Detail Report-Not Up to

CALL ME!!!

Patients Not Up To Date at 24 Months List

- ▶ These are the patients that need to be contacted, to schedule a well check/nurse visit, in order to become Up-To-Date on immunizations.



Patients Not Up To Date at 24 Months

Report Type: Custom Population
 Birth Date Range: 3/23/2017 - 3/22/2021
 Report Run Date: 04/23/2021 Assessment Date: 04/22/2021
 Report Generated by:

Chart Number	Client Name	Birth Date	GRITS ID	X = Not Up To Date at 24 Months							Still Overdue
				DTPaP	Polio	MMR	Hib	Hep B	Var	PCV	
49004		07/25/2020	20089125	X		X	X		X	X	
49943		11/23/2020	20504518	X	X	X	X	X	X	X	
49914		03/23/2018	17582611	X		X	X		X	X	
49558		07/12/2020	19978137	X	X	X	X	X	X	X	X
49696		08/31/2020	20097788	X	X	X	X	X	X	X	
49808		10/03/2020	20223234	X	X	X	X	X	X	X	
49289		03/20/2020	19794819	X		X	X		X	X	
49290		03/20/2020	19797150	X		X	X		X		
49643		08/15/2020	20044504	X		X	X		X	X	
50023		12/29/2020	20592289	X	X	X	X	X	X	X	X
49578		07/19/2020	19991190	X		X	X		X	X	
49379		05/08/2020	19868184	X		X	X		X	X	
		03/08/2020	19709452	X		X	X		X		
49409		04/28/2020	19854753	X		X	X		X	X	
50013		12/23/2020	20578109	X	X	X	X	X	X	X	X
49491		06/24/2020	19956294	X		X	X		X	X	
49965		12/07/2020	20543165	X	X	X	X	X	X	X	X
49378		05/04/2020	19866873	X		X	X		X	X	
49333		04/19/2020	19836383	X		X	X		X	X	
46527		02/22/2018	17480752	X		X	X		X	X	X
49446		06/01/2020	19911867	X		X	X		X	X	
50093		01/21/2021	20695613	X	X	X	X	X	X	X	
49548		07/12/2020	19979339	X		X	X		X	X	
48968		12/18/2019	19486312	X		X			X		X
47542		11/08/2018	18117537	X	X	X	X		X	X	X
49487		06/11/2019	18735173	X	X	X	X	X	X	X	X



History									
Vaccine Group	Date Administered	Series	Trade Name (Vaccine)	Dose	Owned?	Reaction	Hist?	Edit	
HepB	08/06/2016	1 of 3			No		Yes		
Influenza	10/10/2019	1 of 2	Fluarix-PF (IIV4)®	Full	No				
Current Age: 4 years, 8 months, 27 days									
Vaccines Recommended by Selected Tracking Schedule									Add Selected
Select	Vaccine Group	Earliest Date	Recommended Date	Overdue Date	Latest Date				
<input checked="" type="checkbox"/>	DTP/aP	09/14/2016	10/03/2016	11/03/2016	08/02/2023				
<input checked="" type="checkbox"/>	HepA	08/03/2017	08/03/2017	08/03/2018	08/02/2035				
<input checked="" type="checkbox"/>	HepB	09/03/2016	09/06/2016	11/03/2016					
<input checked="" type="checkbox"/>	Hib	09/14/2016	10/03/2016	08/02/2021	08/02/2021				
<input checked="" type="checkbox"/>	Influenza	11/07/2019	11/07/2019	12/05/2019					
<input checked="" type="checkbox"/>	Measles	08/03/2017	08/03/2017	12/03/2017					
<input checked="" type="checkbox"/>	Mumps	08/03/2017	08/03/2017	12/03/2017					
<input checked="" type="checkbox"/>	PCV	09/14/2016	10/03/2016	11/03/2016	08/02/2021				
<input checked="" type="checkbox"/>	Polio	09/14/2016	10/03/2016	11/03/2016	08/02/2034				
<input checked="" type="checkbox"/>	Rubella	08/03/2017	08/03/2017	12/03/2017					
<input checked="" type="checkbox"/>	Varicella	08/03/2017	08/03/2017	12/03/2017	08/02/2029				

How do I know what vaccine they are not Up-To-Date On?

AT THE BOTTOM OF THE IMMUNIZATION PAGE, IN GRITS, LOOK AT THE OVERDUE DATE

Choosing a Reminder or Recall Strategy



- ▶ Once you have **a list of patients overdue** or due soon for vaccines, you can start **reaching out to them**.
- ▶ **Phone calls** placed by office staff tend to be more effective than auto-dialer calls, but often cost more in staff time.
- ▶ **Auto-dialers** automatically dial phone numbers and either play a recorded message or connect the call to a live person. Such systems also can be used for appointment reminders.
- ▶ **Mail reminder cards or letters** ("snail mail") may be printed and provided to you by your IIS or you can pull a list from your EHR. Another approach is to have the family fill out the reminder card for the next visit (e.g., dose 2 or 3 of HPV vaccine) when in your office.
- ▶ **Text messages** can be sent to remind parents or adolescents about vaccinations; however, they will need to "opt in". Obtaining this permission might be easiest during a visit.
- ▶ **Patient Portals** are a common feature in most EHR systems. Practices can use this feature to send e-mails to patients or parents prompting them to check their patient portal, which will remind them of vaccinations that are due.

Why is this presentation for Practice Managers?

Delegate

Track Progress

Process Improvement

Create new policy





Other Reports

Why do I have so many patients Not-up-To Date?

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Assessment Reports

Type: Child Standard (Child Standard [dropdown]) [Back to Manage Assessments](#)


Generated By: [dropdown] Age as of Date: 04/23/2021 Birth Date Range: 04/24/2018 - 04/23/2019

Output Options

Summary Report (PDF)

Patients Not Up to Date List (PDF)

Detail Reports

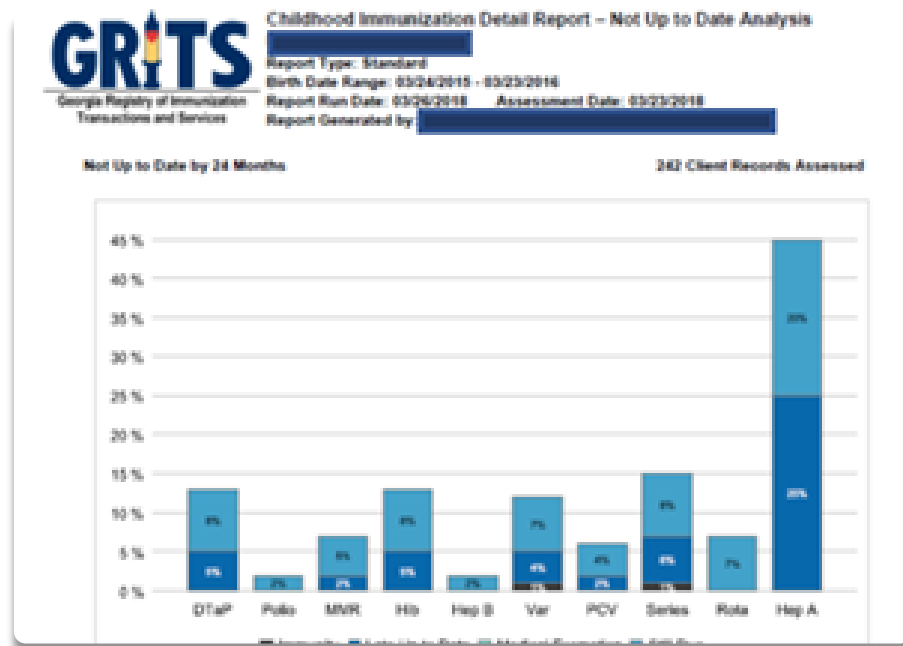
Not Up to Date Report (PDF) 

Generated Reports

No reports found

Patients Not Up to Date Report (Childhood Immunization Detail Report-Not Up to Date Analysis)

Patients Not Up to Date Report (Childhood Immunization Detail Report-Not Up to Date Analysis)



- ▶ This report provides an analysis of why the children in the sample are not up to date at 24 months.
- ▶ The percentage of antigen specific group that is not up to date, based on the reason codes collected in GRITS

What about adolescent rates?

- ▶ This report provides an analysis of why the children in the sample are not up to date at 24 months.
- ▶ The percentage of antigen specific group that is not up to date, based on the reason codes collected in GRITS

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Create Assessment Reports

Child Vaccinations by 24 Months

Standard (Children 24 through 35 Months)

Custom Population

Adolescent Vaccinations

Standard (Adolescents 13 through 17 Years)

Custom Population

Adult Vaccinations

Standard (Adults 18 years and older)

Custom Population

Assessment Reports

Request CASA Extract

Check Request Status

Create Assessment

Manage Assessment

Organizations

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Immunizations

Adolescent Summary Report

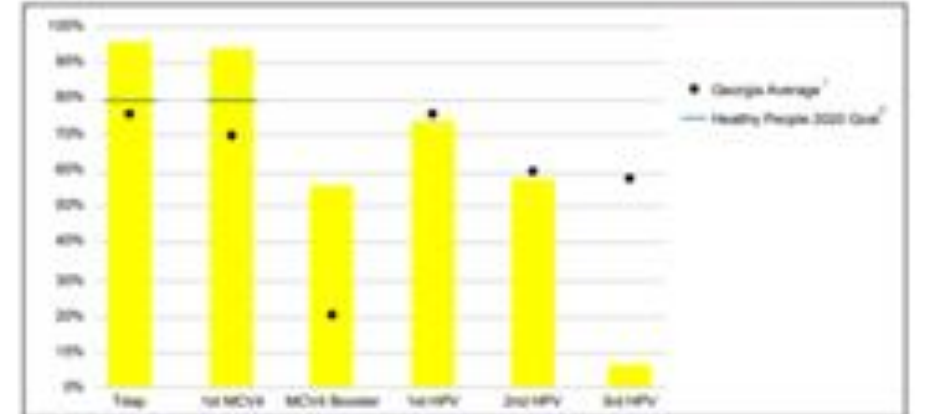
- ▶ The percentage of the cohort who were up-to-date for the adolescent immunizations.
- ▶ Georgia statewide averages for the adolescent immunizations.
- ▶ Healthy People 2020 goals for Tdap and first MCV4. (There are currently no Healthy People 2020 goals for the other adolescent immunizations on the report.)



Adolescent Immunization Summary

Report Type: Adolescent Standard
 Birth Date Range: 12/05/2002 - 12/04/2007
 Report Run Date: 04/30/2021 Assessment Date: 12/04/2020
 Report Generated by:

Assessment of Immunization Rates 476 Client Records Assessed



Immunization with Tdap and the first doses of MCV4 and HPV are recommended at age 11-12 years.

Tdap		95%	415 / 476	received Tdap after age 7 clients assessed
MCV4 (Meningococcal)	First Dose	93%	442 / 476	received at least 1 adolescent dose MCV4 clients assessed
	Booster	56%	27 / 142	received MCV4 booster clients eligible for MCV4 booster
HPV	First Dose	74%	354 / 476	received at least 1 dose HPV after age 9 clients assessed
	Second Dose	57%	272 / 476	received 2 doses HPV clients assessed
	Third Dose	6%	28 / 476	received all 3 doses HPV clients assessed

HPV Series Completion Rate: 8%

Among the 128 clients who began the HPV series at least 6 months before the date of the report, 20 have received all three doses.

Missed Opportunity Rate - Adolescent Vaccines: 43%

There is still a missed opportunity to a 100% rate in the next 12 months in which 14 records was given at the location, and more assessed.

NEW Immunization QI Project for 2021-2022!

- ▶ NEW Adolescent Immunization QI Project for 2021-2022! Enroll now through June 1. Participation is open to all Georgia AAP member practices free of charge. Project incentive: ABP MOC Part 2 (20 points) and Part 4 (50 points) credit, in addition to PI CME (20 points) credit. Act soon to take advantage of this great QI opportunity as it is limited to 15 practices. Project duration: 12 months.
- ▶ <https://www.surveymonkey.com/r/IIRA2Enrollment>





In Closing...

“WE KNOW THAT THE \$REV/VIS IS A LOT HIGHER FOR WELL VISITS THAN SICK VISITS (2-4X) AS A RULE.”



Questions?

PLEASE EMAIL NOREEN DAHILL AT NDAHILL@GAAAP.ORG