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General

Reports are made available to State of Georgia Department of Public Health (DPH) Vaccine Management System (VMS) users, powered by Microsoft Power BI. Power BI is a powerful tool for visualizing data and gathering and sharing insights across your organization. Reports can be accessed directly from the Power BI application. The functionality across all reports will be similar but are different data sets. All data is pulled from VMS.

The reports available can be filtered, sorted, and exported to different formats for sharing and analysis. Exporting reports can be useful to share across the organization, however, it is recommended to analyze and view data directly in the Power BI application. The Power BI application will house the most recent and up-to-date information for understanding and analyzing COVID data.

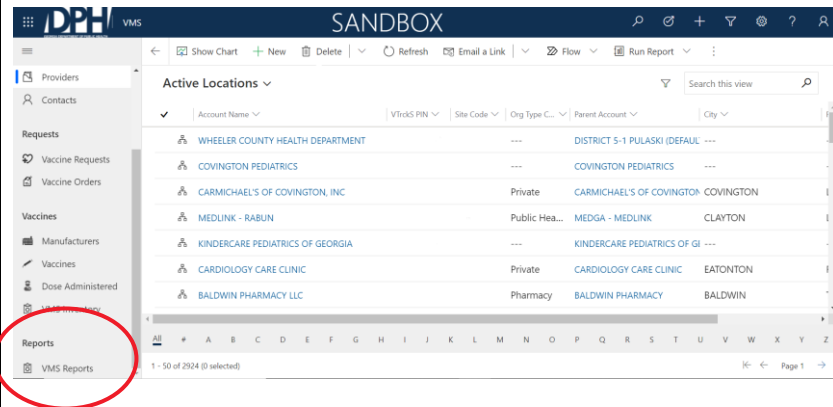
How to Access Reports

Accessing Reports

1 Access VMS – Model Driven App for Reports

For State of GA DPH VMS users, reports are housed on the Power BI application. Log in your VMS account and access the “Reports” button on your home page. This will open Power BI in a new tab.

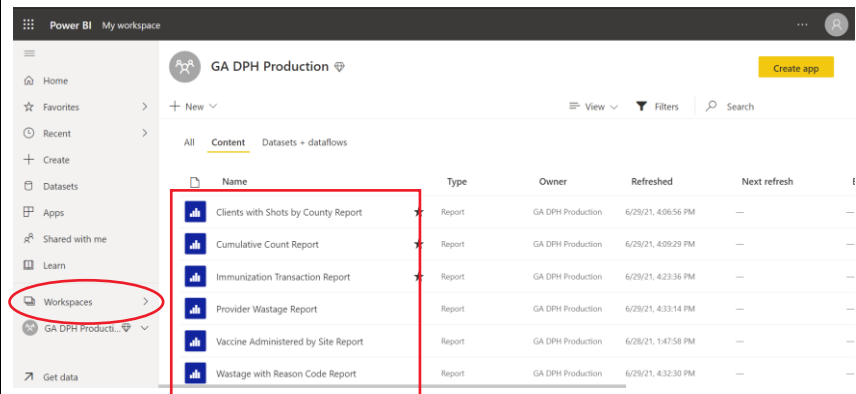
You can also access <https://app.powerbigov.us> using your GA DPH credentials.



2 In Power BI, navigate to Workspaces from your home page

If you are directed to the Power BI home page, look towards the bottom left for “Workspaces”.

You will find a link for “GA DPH Production”, where all reports are housed.



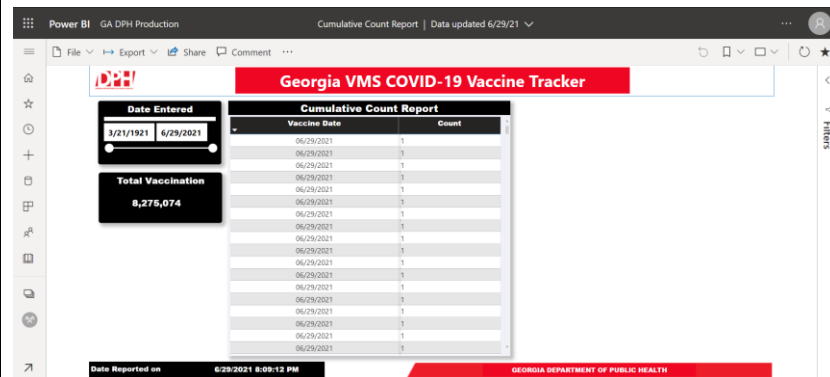
3 Click on which report you'd like to view

All reports accessible to GA DPH users will be listed. Click on which report you'd like to review.

Accessing Reports (continued)

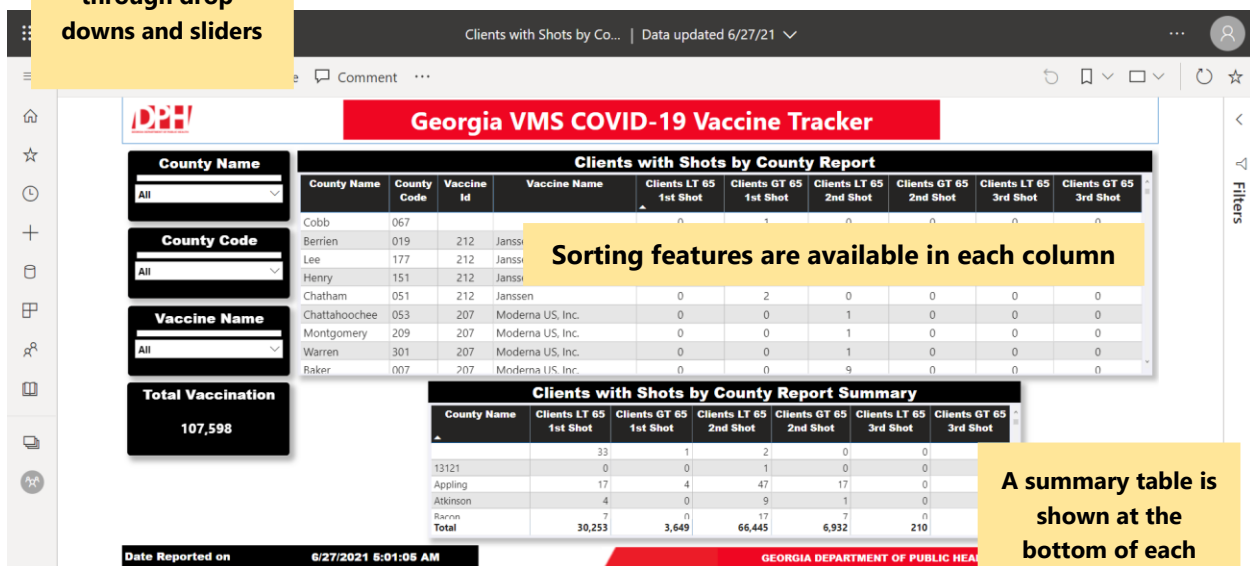
4 Allow Report to load in Power BI application

Report will load directly in Power BI application. Allow Report to load fully before navigating, sorting, filtering, exporting, and analyzing.



Getting Familiar with the Reports

Reports can be filtered on left side through drop-downs and sliders



A summary table is shown at the bottom of each Report

Report Functionality

Exporting Data

You are able to export data into two formats:

- .xlsx (Excel)
- .csv

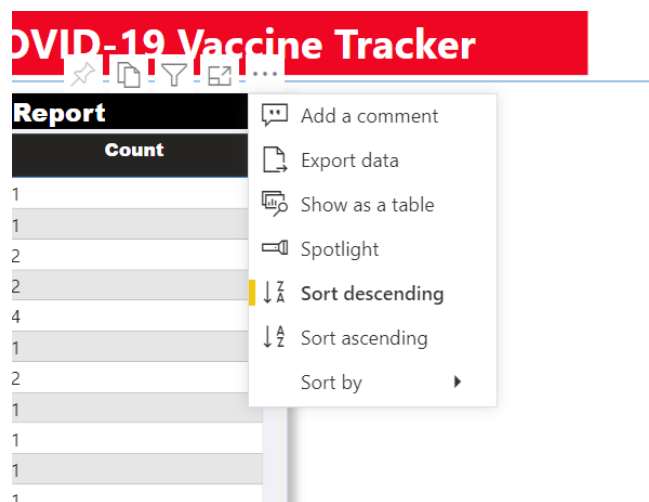
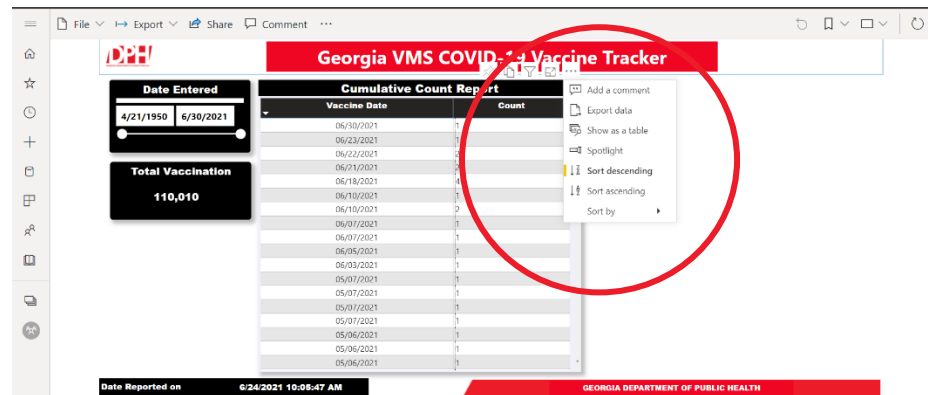
This feature will be available in all Reports that are accessible in VMS

1 Hover over the main table in the Report

2 Click the icon showing “three dots” in a row

3 A menu will pop up, click on Export Data

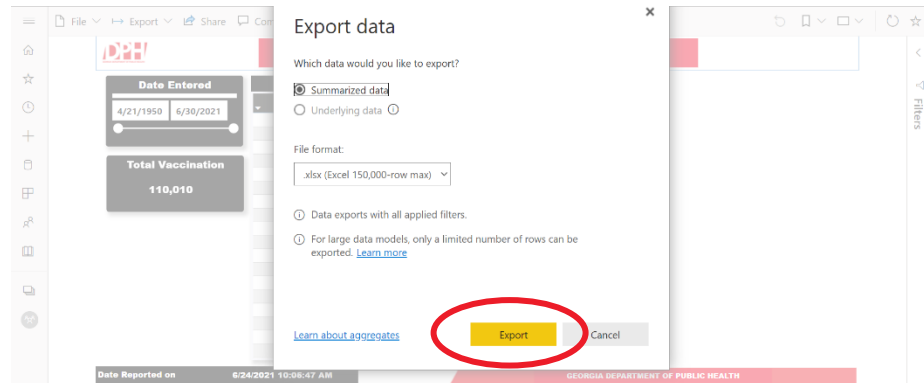
4 In the pop-up box, choose which format you want Export the data in (.xlsx or .csv)



Exporting Data

5 Click 'Export'

NOTE: Although exporting data can be helpful for sharing across the organization, viewing data directly in Power BI ensures you are seeing the most recent and up-to-date information.

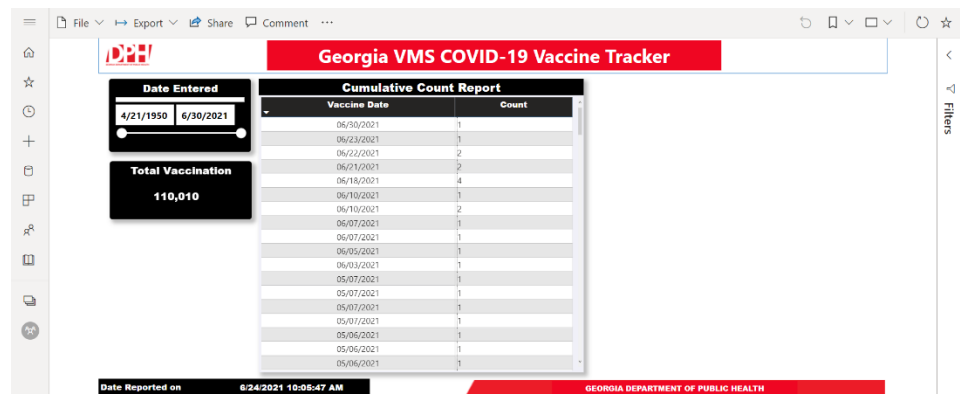


Filtering and Sorting Data

Overview

You can sort data multiple ways to find exactly what you're looking for.

As you choose filters, the data will update automatically and the Summary table at the bottom will change based on the selections you've made.



The screenshot shows the 'Georgia VMS COVID-19 Vaccine Tracker' dashboard. It has a title bar with 'File', 'Export', 'Share', and 'Comment'. The main content area has a 'Date Entered' filter set to 4/21/1950 to 6/30/2021 and a 'Total Vaccination' card showing 110,010. Below this is a 'Cumulative Count Report' table with columns 'Vaccine Date' and 'Count'. The table lists dates from 05/20/2021 to 05/06/2021 with corresponding counts. The status bar at the bottom says 'Date Reported on 6/24/2021 10:05:47 AM' and 'GEORGIA DEPARTMENT OF PUBLIC HEALTH'.

Vaccine Date	Count
05/20/2021	1
05/23/2021	1
05/22/2021	2
05/21/2021	2
05/18/2021	4
05/10/2021	1
06/10/2021	2
06/07/2021	1
05/07/2021	1
06/05/2021	1
06/03/2021	1
05/07/2021	1
05/07/2021	1
05/07/2021	1
05/07/2021	1
05/06/2021	1
05/06/2021	1
05/06/2021	1

Filtering and Sorting Data (continued)

Using the Sliders and Drop-Downs

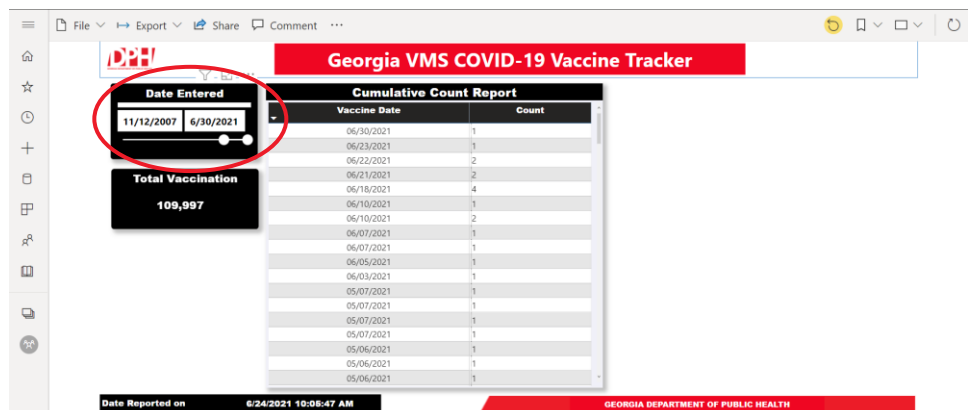
On the left side of the report, you will see several options for filtering.

When you make your selections, the data will automatically update.

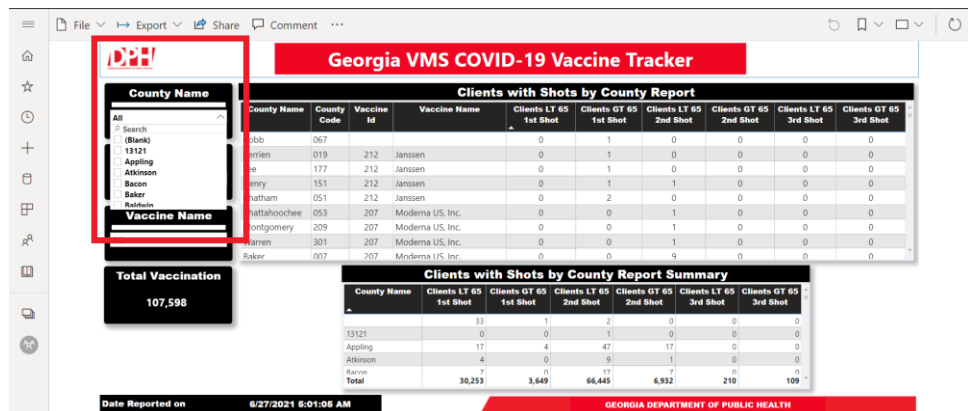
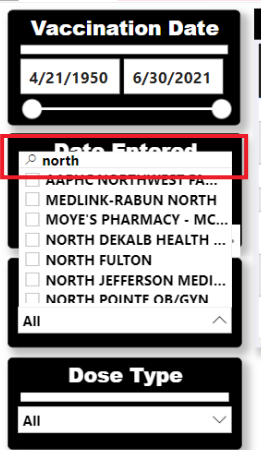
Use the 'Sliders' to slide left and right for the data set you're looking for. For example, if you want to see Cumulative Count prior to February 2021, slide the toggle to the left to view that data set.

You can also use drop-down selections to see certain data. When using the drop-down functionality, you can type directly into the 'Search' field to search for specific data.

Sliders:



Drop-downs:

Vaccination Date
4/21/1950 6/30/2021

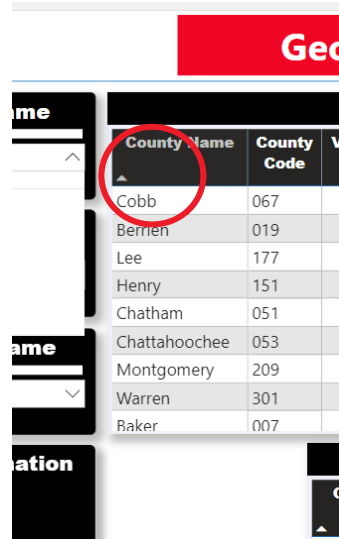
Date Entered
north

Dose Type
All

Filtering and Sorting Data (continued)

Using Column Headers

You can filter and sort data based on the column filters, using the arrows that are within each column header.

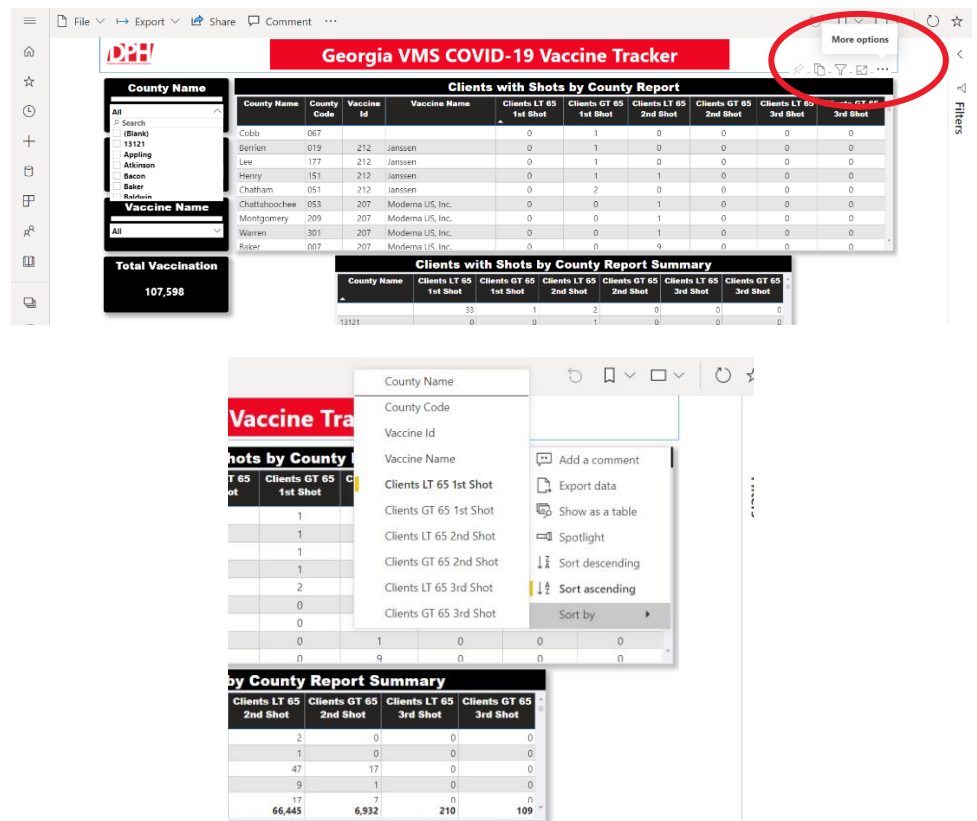


Using main table 'three dots'

When you hover over the main table, three dots will appear.

Click the three dots and choose 'Sort by'

A list will occur, allowing you to choose which column header to sort by. You can also choose whether to sort data by ascending or descending order.



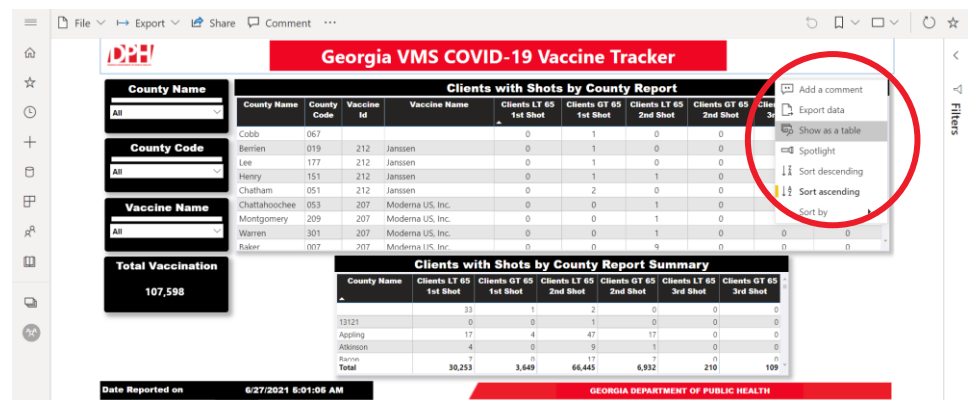
Filtering and Sorting Data (continued)

Show as a table

You are able to show your data as a table view, taking it out of the dynamic view of Power BI. Hover over the main table until the three dots appear.

Click the three dots and choose 'Show as a Table'

Click 'Show as Table' and data will appear in Table view.



Georgia VMS COVID-19 Vaccine Tracker

Clients with Shots by County Report

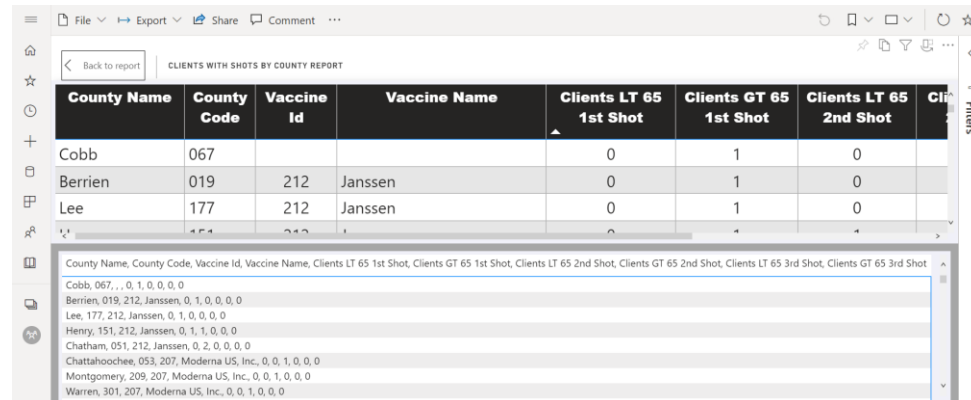
County Name	County Code	Vaccine Id	Vaccine Name	Clients LT 65 1st Shot	Clients GT 65 1st Shot	Clients LT 65 2nd Shot	Clients GT 65 2nd Shot	Clients LT 65 3rd Shot	Clients GT 65 3rd Shot
Cobb	067	212	Janssen	0	1	0	0	0	0
Berrien	019	212	Janssen	0	1	0	0	0	0
Lee	177	212	Janssen	0	1	0	0	0	0
Henry	151	212	Janssen	0	1	1	0	0	0
Chatham	051	212	Janssen	0	2	0	0	0	0
Chattahoochee	053	207	Moderna US, Inc.	0	0	1	0	0	0
Montgomery	209	207	Moderna US, Inc.	0	0	1	0	0	0
Warren	301	207	Moderna US, Inc.	0	0	1	0	0	0
Polk	007	207	Moderna US, Inc.	0	0	0	0	0	0

Total Vaccination
107,598

Clients with Shots by County Report Summary

County Name	Clients LT 65 1st Shot	Clients GT 65 1st Shot	Clients LT 65 2nd Shot	Clients GT 65 2nd Shot	Clients LT 65 3rd Shot	Clients GT 65 3rd Shot
13121	0	0	1	0	0	0
Appling	17	4	47	17	0	0
Atkinson	4	0	9	1	0	0
Barnes	0	0	17	0	0	0
Total	30,253	3,649	66,445	6,932	210	109

Date Reported on: 6/27/2021 6:01:06 AM



Clients with Shots by County Report

County Name	County Code	Vaccine Id	Vaccine Name	Clients LT 65 1st Shot	Clients GT 65 1st Shot	Clients LT 65 2nd Shot	Clients GT 65 2nd Shot	Clients LT 65 3rd Shot	Clients GT 65 3rd Shot
Cobb	067	212	Janssen	0	1	0	0	0	0
Berrien	019	212	Janssen	0	1	0	0	0	0
Lee	177	212	Janssen	0	1	0	0	0	0

County Name, County Code, Vaccine Id, Vaccine Name, Clients LT 65 1st Shot, Clients GT 65 1st Shot, Clients LT 65 2nd Shot, Clients GT 65 2nd Shot, Clients LT 65 3rd Shot, Clients GT 65 3rd Shot

Cobb, 067, 212, Janssen, 0, 1, 0, 0, 0, 0

Berrien, 019, 212, Janssen, 0, 1, 0, 0, 0, 0

Lee, 177, 212, Janssen, 0, 1, 0, 0, 0, 0

Henry, 151, 212, Janssen, 0, 1, 1, 0, 0, 0

Chatham, 051, 212, Janssen, 0, 2, 0, 0, 0, 0

Chattahoochee, 053, 207, Moderna US, Inc., 0, 0, 1, 0, 0, 0

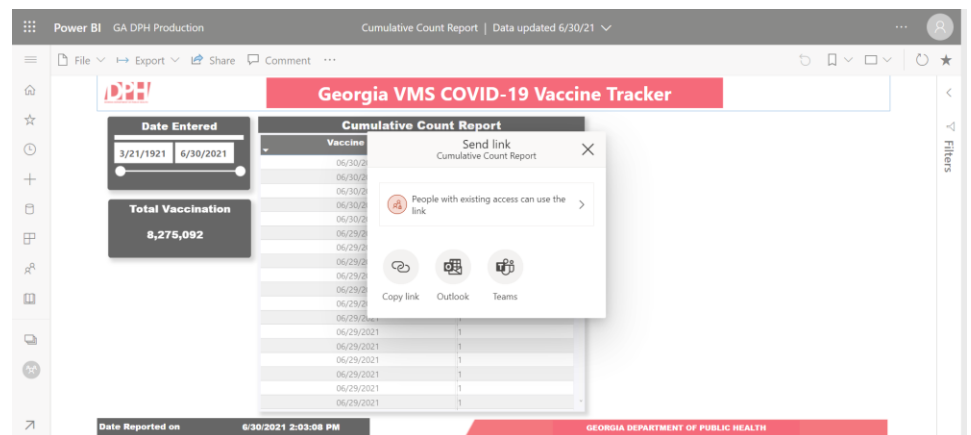
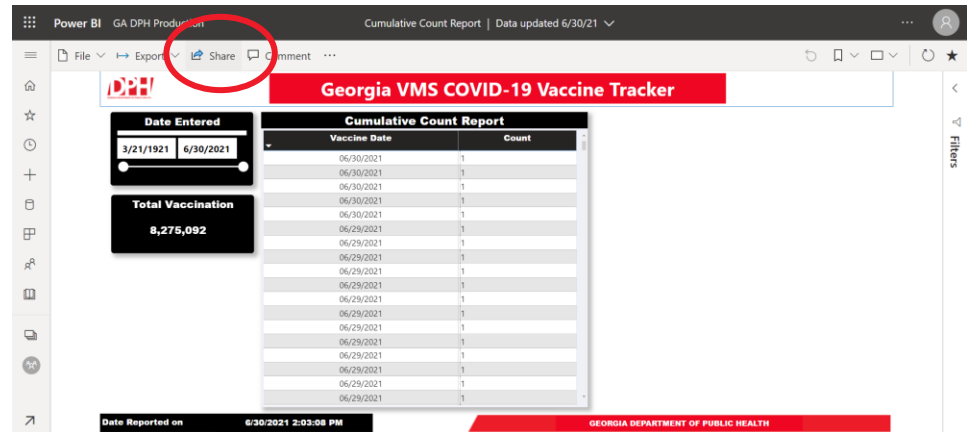
Montgomery, 209, 207, Moderna US, Inc., 0, 0, 1, 0, 0, 0

Warren, 301, 207, Moderna US, Inc., 0, 0, 1, 0, 0, 0

Share link to report

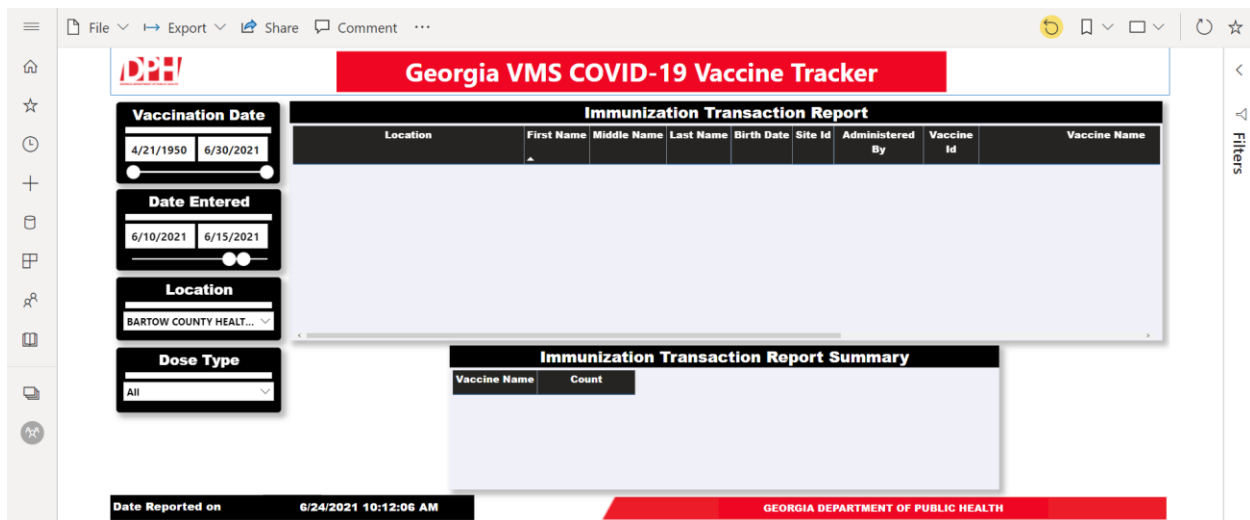
Click Share at the top toolbar. A pop-up box will come up.

You can Copy the link, Share in Outlook, or Share in Teams.



Overview of Reports: Immunization Transaction Report

The Immunization Transaction Report shares details to capture dose administration data with patient names in order to analyze history and reconcile doses administered. All data is pulled from Doses Administered information in VMS. The Report can be filtered by vaccination date, date entered, and lot number. The Report can be exported into an Excel, CSV, or supporting file format. This Report is also viewable at the COVID Provider level.

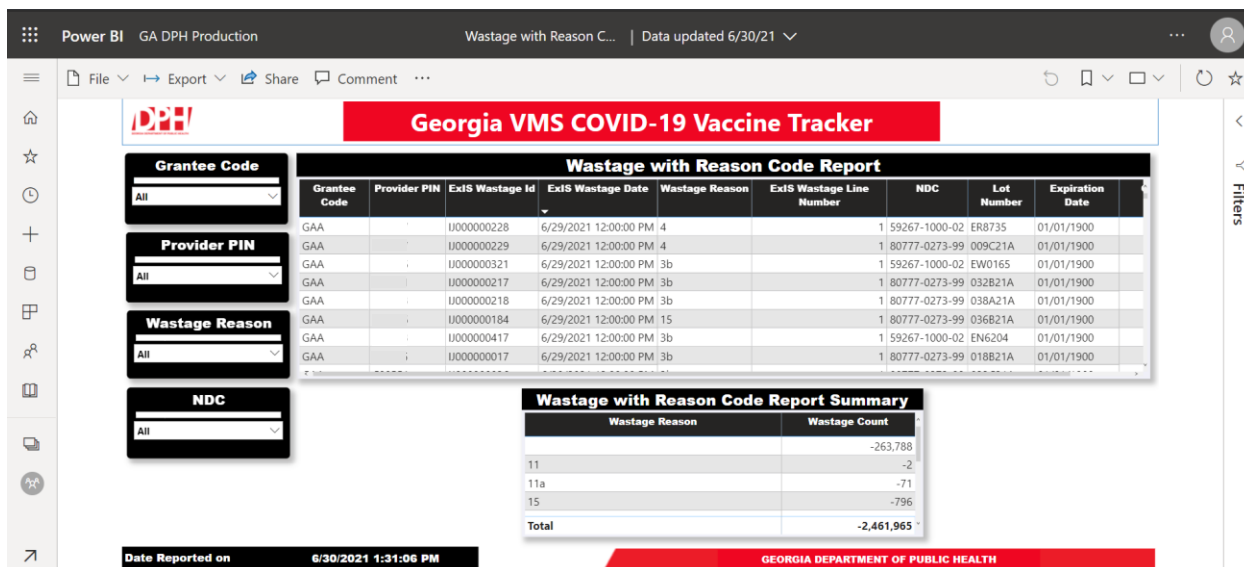


The screenshot displays the 'Georgia VMS COVID-19 Vaccine Tracker' interface. On the left, there are filter controls for 'Vaccination Date' (4/21/1950 to 6/30/2021), 'Date Entered' (6/10/2021 to 6/15/2021), 'Location' (BARTOW COUNTY HEALT...), and 'Dose Type' (All). The main area shows the 'Immunization Transaction Report' with a table header: Location, First Name, Middle Name, Last Name, Birth Date, Site Id, Administered By, Vaccine Id, and Vaccine Name. Below this, there is an 'Immunization Transaction Report Summary' table with columns for Vaccine Name and Count. The bottom status bar indicates 'Date Reported on: 6/24/2021 10:12:06 AM' and 'GEORGIA DEPARTMENT OF PUBLIC HEALTH'.

Data has been removed from report to protect patient privacy.

Overview of Reports: Wastage with Reason Codes Report

The Wastage with Reason Codes Report shares a report of wasted vaccines and reason codes. The purpose is to allow for analysis on why vaccines have been marked as wasted (recording as Vaccine Disposal in VMS Inventory module). The Report can be exported into an Excel, CSV, or supporting file format. This Report is only viewable to DPH state.



Georgia VMS COVID-19 Vaccine Tracker

Wastage with Reason Code Report

Grantee Code	Provider PIN	ExIS Wastage Id	ExIS Wastage Date	Wastage Reason	ExIS Wastage Line Number	NDC	Lot Number	Expiration Date
GAA		U000000228	6/29/2021 12:00:00 PM	4		1 59267-1000-02	ER8735	01/01/1900
GAA		U000000229	6/29/2021 12:00:00 PM	4		1 80777-0273-99	009C21A	01/01/1900
GAA		U000000321	6/29/2021 12:00:00 PM	3b		1 59267-1000-02	EW0165	01/01/1900
GAA		U000000217	6/29/2021 12:00:00 PM	3b		1 80777-0273-99	032B21A	01/01/1900
GAA		U000000218	6/29/2021 12:00:00 PM	3b		1 80777-0273-99	038A21A	01/01/1900
GAA		U000000184	6/29/2021 12:00:00 PM	15		1 80777-0273-99	036B21A	01/01/1900
GAA		U000000417	6/29/2021 12:00:00 PM	3b		1 59267-1000-02	EN6204	01/01/1900
GAA		U000000017	6/29/2021 12:00:00 PM	3b		1 80777-0273-99	018B21A	01/01/1900

Wastage with Reason Code Report Summary

Wastage Reason	Wastage Count
	-263,788
11	-2
11a	-71
15	-796
Total	-2,461,965

Date Reported on: 6/30/2021 1:31:06 PM

GEORGIA DEPARTMENT OF PUBLIC HEALTH

Overview of Reports: Provider Wastage Report

The Wastage Report shares records of wasted vaccines and reason codes to analyze why vaccines were wasted. Information is pulled from Inventory module in VMS and analyzes when Vaccines are 'Disposed' in the system. This Report can be exported into an Excel, CSV, or supporting file format. This Report is also viewable to providers at their organization level only.

Power BI GA DPH Production Provider Wastage Report | Data updated 6/30/21

File Export Share Comment

Georgia VMS COVID-19 Vaccine Tracker

Trade Name

All

VtrckS PIN

All

Site Name

All

VtrckS PIN	Site Name	Trade Name	Description	Wastage Count
1ST CARE MANAGEMENT - SANDY SPRINGS		ModernaMDV10	Appears contaminated	150
1ST CARE MANAGEMENT - SANDY SPRINGS		ModernaMDV14	Appears contaminated	100
1ST RESPONDERS EMS		ModernaMDV10	Appears contaminated	200
3100 CUMBERLAND BOULEVARD		ModernaMDV10	Appears contaminated	984
3100 CUMBERLAND BOULEVARD		ModernaMDV14	Appears contaminated	25
AAPHC NORTHWEST FAMILY MEDICAL AND DENTAL CENTER		Johnson & Johnson	Appears contaminated	455
AAPHC NORTHWEST FAMILY MEDICAL AND DENTAL CENTER		ModernaMDV10	Appears contaminated	3,214
ABBYCARE		Johnson & Johnson	Appears contaminated	174
ABSOLUTE CARE MEDICAL CENTER AND PHARMACY		ModernaMDV10	Appears contaminated	719
ACWORTH - KENNESAW PUBLIC HEALTH CENTER		Pfizer	Appears contaminated	0
ACWORTH PRIMARY HEALTHCARE		ModernaMDV10	Appears contaminated	0

Provider Wastage Report Summary

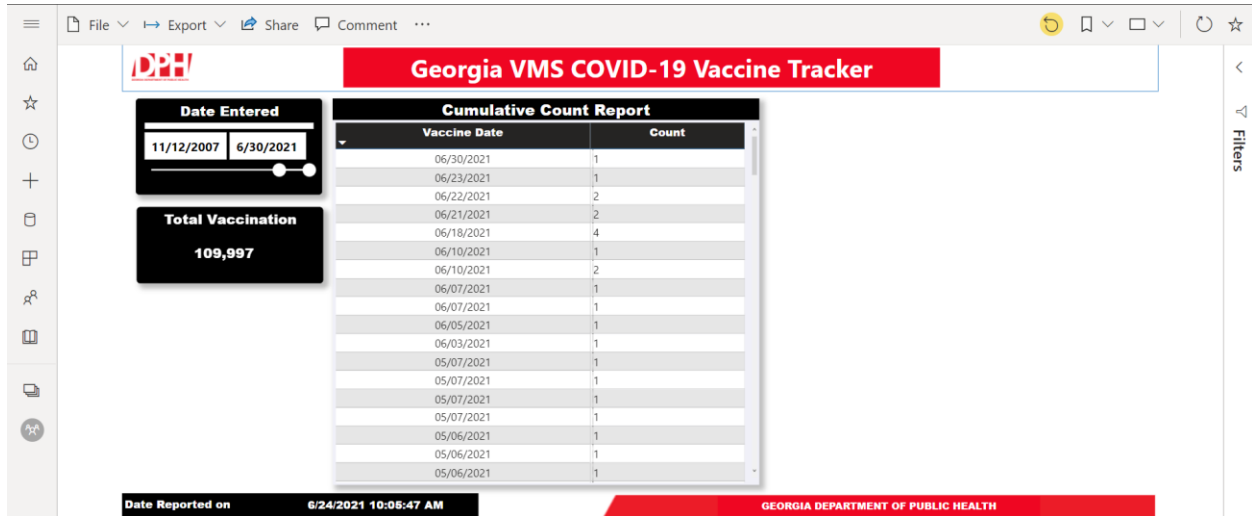
Trade Name	Wastage Count
Johnson & Johnson	183,277
ModernaMDV10	621,577
ModernaMDV14	18,023
Total	1,616,165

Date Reported on 6/30/2021 1:31:07 PM

GEORGIA DEPARTMENT OF PUBLIC HEALTH

Overview of Reports: Cumulative Count Report

The Cumulative Count Report shares cumulative administered doses. The purpose is to allow for analysis of doses administered by date at the vaccine dose level. The Report can be sorted by Vaccine Date, Count, and includes a slider to search for a certain date range. The Report can be exported into an Excel, CSV, or supporting file format.

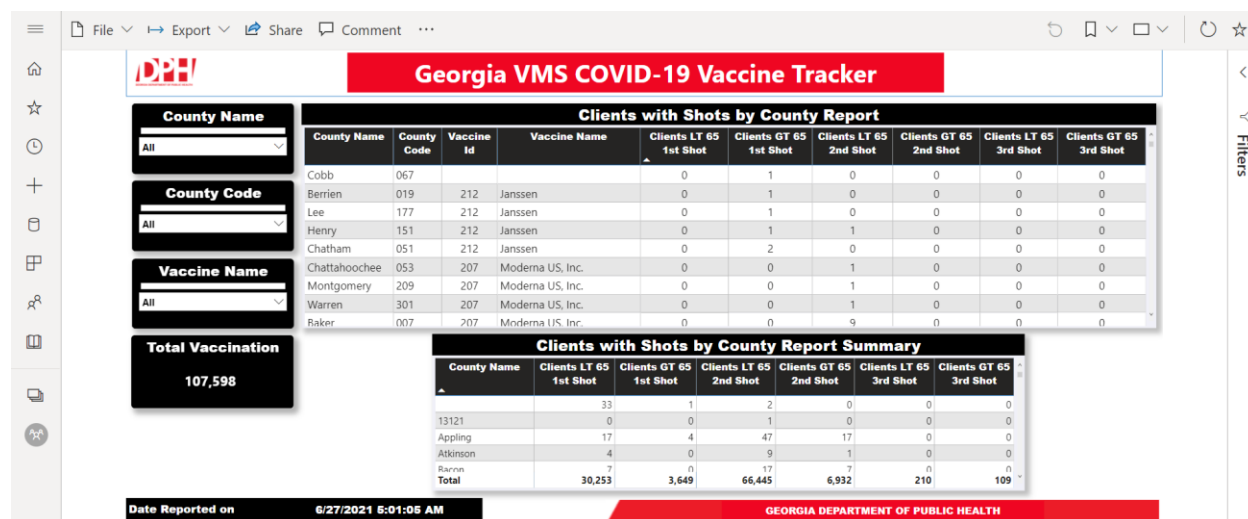


The screenshot displays the 'Georgia VMS COVID-19 Vaccine Tracker' interface. On the left, there is a sidebar with navigation icons. The main content area features a 'Date Entered' filter with a date range from 11/12/2007 to 6/30/2021, and a 'Total Vaccination' count of 109,997. The central 'Cumulative Count Report' table lists vaccine dates and their corresponding counts. The table is sorted by Vaccine Date in descending order. The bottom of the interface shows the 'Date Reported on' as 6/24/2021 10:05:47 AM and the 'GEORGIA DEPARTMENT OF PUBLIC HEALTH' logo.

Vaccine Date	Count
06/30/2021	1
06/23/2021	1
06/22/2021	2
06/21/2021	2
06/18/2021	4
06/10/2021	1
06/10/2021	2
06/07/2021	1
06/07/2021	1
06/05/2021	1
06/03/2021	1
05/07/2021	1
05/07/2021	1
05/07/2021	1
05/07/2021	1
05/06/2021	1
05/06/2021	1
05/06/2021	1

Overview of Reports: Clients with Shots by County Report

The Clients with Shots by County Report shares doses administered by County. The purpose of this report is to allow for analysis of administered shots at the County level. The Report can be filtered and sorted by the County Name, County Code, and Vaccine Name. It is also sort-able by clients less than 65 (Clients LT 65) and clients greater than 65 (Clients GT 65). The Report can be exported into an Excel, CSV, or a supporting file format.



Georgia VMS COVID-19 Vaccine Tracker

County Name: All
County Code: All
Vaccine Name: All
Total Vaccination: 107,598

County Name	County Code	Vaccine Id	Vaccine Name	Clients LT 65 1st Shot	Clients GT 65 1st Shot	Clients LT 65 2nd Shot	Clients GT 65 2nd Shot	Clients LT 65 3rd Shot	Clients GT 65 3rd Shot
Cobb	067			0	1	0	0	0	0
Berrien	019	212	Janssen	0	1	0	0	0	0
Lee	177	212	Janssen	0	1	0	0	0	0
Henry	151	212	Janssen	0	1	1	0	0	0
Chatham	051	212	Janssen	0	2	0	0	0	0
Chattahoochee	053	207	Moderna US, Inc.	0	0	1	0	0	0
Montgomery	209	207	Moderna US, Inc.	0	0	1	0	0	0
Warren	301	207	Moderna US, Inc.	0	0	1	0	0	0
Baker	007	207	Moderna US, Inc.	0	0	9	0	0	0

Clients with Shots by County Report Summary

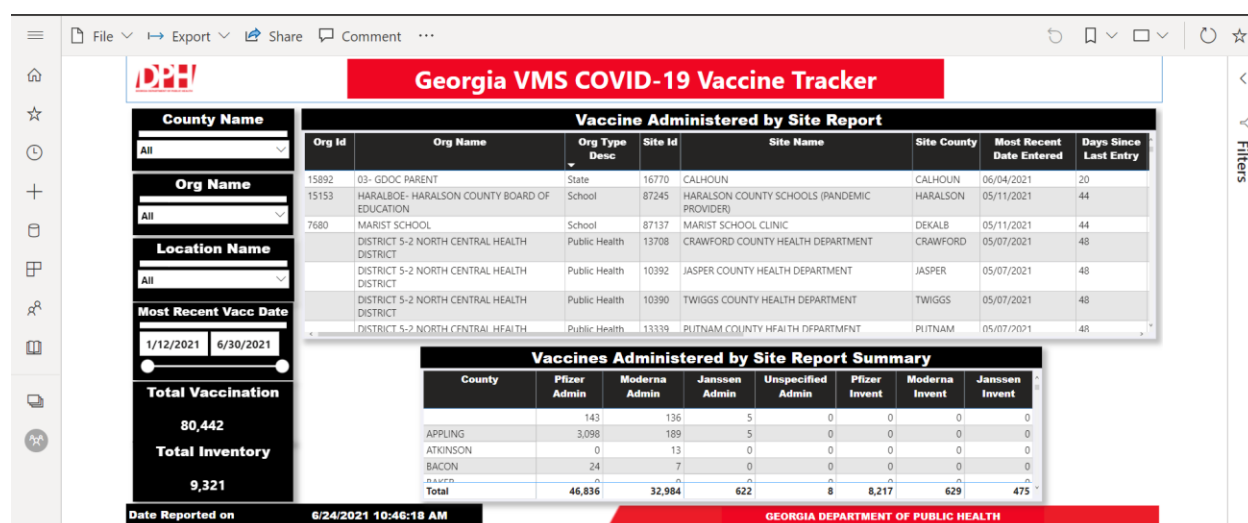
County Name	Clients LT 65 1st Shot	Clients GT 65 1st Shot	Clients LT 65 2nd Shot	Clients GT 65 2nd Shot	Clients LT 65 3rd Shot	Clients GT 65 3rd Shot
33	1	2	0	0	0	0
13121	0	0	1	0	0	0
Appling	17	4	47	17	0	0
Atkinson	4	0	9	1	0	0
Bacon	7	0	17	7	0	0
Total	30,253	3,649	66,445	6,932	210	109

Date Reported on: 6/27/2021 6:01:05 AM

GEORGIA DEPARTMENT OF PUBLIC HEALTH

Overview of Reports: Vaccines Administered by Site Report

The Vaccines Administered by Site Report shares doses administered by Provider site. The purpose of this Report is to allow for analysis of dose administered by site location. The Report can be filtered and sorted by County name, Organization name (that location belongs to), Location name, and Most Recent Vaccination Date. The Report also shares the organization type description (for example: School, Public Health location, etc.). For analysis purposes, the Report also shares the Days Since Last Vaccine Entry. The Report can be exported into an Excel, CSV, or a supporting file format.



Georgia VMS COVID-19 Vaccine Tracker

Filters:

- County Name: All
- Org Name: All
- Location Name: All
- Most Recent Vacc Date: 1/12/2021 to 6/30/2021

Total Vaccination: 80,442
Total Inventory: 9,321

Vaccine Administered by Site Report

Org Id	Org Name	Org Type Desc	Site Id	Site Name	Site County	Most Recent Date Entered	Days Since Last Entry
15892	03- GDOC PARENT	State	16770	CALHOUN	CALHOUN	06/04/2021	20
15153	HARALBOE- HARALSON COUNTY BOARD OF EDUCATION	School	87245	HARALSON COUNTY SCHOOLS (PANDEMIC PROVIDER)	HARALSON	05/11/2021	44
7680	MARIST SCHOOL	School	87137	MARIST SCHOOL CLINIC	DEKALB	05/11/2021	44
	DISTRICT 5-2 NORTH CENTRAL HEALTH DISTRICT	Public Health	13708	CRAWFORD COUNTY HEALTH DEPARTMENT	CRAWFORD	05/07/2021	48
	DISTRICT 5-2 NORTH CENTRAL HEALTH DISTRICT	Public Health	10392	JASPER COUNTY HEALTH DEPARTMENT	JASPER	05/07/2021	48
	DISTRICT 5-2 NORTH CENTRAL HEALTH DISTRICT	Public Health	10390	TWIGGS COUNTY HEALTH DEPARTMENT	TWIGGS	05/07/2021	48
	DISTRICT 5-2 NORTH CENTRAL HEALTH DISTRICT	Public Health	13339	PUTNAM COUNTY HEALTH DEPARTMENT	PUTNAM	05/07/2021	48

Vaccines Administered by Site Report Summary

County	Pfizer Admin	Moderna Admin	Janssen Admin	Unspecified Admin	Pfizer Invent	Moderna Invent	Janssen Invent
APPLING	143	136	5	0	0	0	0
ATKINSON	3,098	189	5	0	0	0	0
BACON	0	13	0	0	0	0	0
BACON	24	7	0	0	0	0	0
Total	46,836	32,984	622	8	8,217	629	475

Date Reported on: 6/24/2021 10:46:18 AM

GEORGIA DEPARTMENT OF PUBLIC HEALTH