Unlocking the Power of Maps on data.census.gov
May 28, 2026

Welcome and thank you for standing by. Currently, all participants in our listen only mode. Today's webinar is being recorded and the recording will be posted publicly. If you have any objections, you may disconnect at this time. Now, I'd like to turn the call over to your host for today, Deb Rivera.

Thank you so much, Lisa. Good afternoon and welcome, everyone. My name is Deb Rivera, and I'm going to be your host for today's event, Unlocking the Power of Maps on data.census.gov. So today's webinar will focus on the mapping feature within data.census.gov, and you will all learn how to navigate the mapping interface, use the ribbon tools effectively and select and apply variables from tables to build maps from the ground up.

Today we have a wonderful panel of subject matter experts and they are here to help answer your questions. So as we are going through the presentation, we would like to encourage you all to use the chat panel in WebEx to submit questions that you may have. The chat panel is located all the way in the bottom right of your WebEx screen.

Please submit questions to all panelists, and you can do this by selecting the chat button. And then in the tabs that are above, select the option for Direct Messages and from the dropdown menu make the selection for all panelists. And then towards the end of the webinar, we will have some time to go over the questions that were submitted through the questions - to the chat panel.

A quick note on the question and answer session. Today we will be focusing on the mapping feature on data.census.gov. We will not be able to go in-depth to address questions on the topic of geography, the collection process, methodology, or other census products. Finally, we are recording the webinar today and the materials are going to be available through the Census Academy website.

So with that, welcome again. Thank you so much for joining us, and it is my pleasure to introduce our speaker for today, Noemi Mendez. Welcome, Noemi.

Hello everyone, and welcome to Unlocking the Power of Maps on data.census.gov. My name is Noemi Mendez. I'm with the Center for Enterprise Dissemination in the Dissemination Outreach Branch here at the Census Bureau. So this is the outline I'm going to be covering this afternoon. We're going to look at all different types of geographies and maps. So I'm going to start off with selecting collections of geographies.

We're going to look at all census tracts in Montgomery Alabama. Mapping business data or two digit NAICs for counties in Colorado. Searching with maps, census tracts in new Jersey. And then finally ending everything with some resources that you can take with you. So I want to start off with looking at the data that is available. Here we can see a snapshot of what's available on data.census.gov.

You can get this information also in our Frequently Asked Questions and Resource page. And this is a really great resource. So we have under General Data availability or American Community Survey or ACS from 2010 to present decennial census from 2020. And then ECON census and selected surveys from 2012 to the present. Other popular data sets and how to access them.

Pre 2000 decennial census you can get through our web pages or FTP site or through our library here at library at census.gov. Pre 2010 American Community Survey API and our FTP site. ECON census and selected surveys. These are before 2012 FTP site and then the program pages. Our population estimates program, the program page and our API, and then our equal opportunity EEO tabulation from the EEO table tool and from the FTP site.

Okay. So we're going to start off with these selecting collections of geographies. And again we're going to look at how to search and get data for census tracts for Montgomery City Alabama. So I'm going to go ahead and go into data.census.gov.

This is our home page right here. And again it's just data.census.gov. And if you're new or you haven't been on this site for a while we have done a few changes here. So we have our explore filters here and our new search by address module. I won't be going off here on search by address, but you're welcome to join us with some of the programing and courses that we have that use this tool.

So I'm going to get started by clicking on our Explore Filters. And this is going to take us into the main section of data.census.gov. You'll see here we have our geographies portion topics. Our surveys filter by year and our economic data or code section. So let's go ahead and get started. I'm going to look for census tracts.

I'm going to look on the geographies and select, here is our census tract. And then we're going to look for a particular state. We're going to look for census tracts in Alabama. And then I want to go ahead and -

second census tract Alabama okay. All census tracts. I want to go ahead and go into this within all the geographies. And you may have seen this before, but not really notice what it does. When you click on within other geographies, you can go ahead and say, hey, I want census tracts for particular place in this state or particular census district, because when you go to the default here, it will give you census tracts.

But right now it's going to give you within the specific counties in Alabama or all census tracts in Alabama. But I want to go ahead and let's go. I want to get census tract for a particular place. So I'm going to click on here. And then I'm going to look for Montgomery City. You can scroll down or you can use the search bar here and type in the name.

Montgomery. So here we go. We have Montgomery City, Alabama. And here I want I do want to select all of this census tracts. One thing I want you to make sure when you're selecting anything, whether it's, tables or geographies, always make sure that what you want is - shows up under your filter. Because if it doesn't show up there, you won't get the information that you're looking for.

Okay. So let's click on our topics. So you'll see we have a bunch of different topics here. I'm particularly interested in veterans data. So that's going to be on their populations. And people. And you'll see we have everything from ancestry to age and sex language spoken at home. Older population populations in people, residential mobility veterans and voting and registration.

So I do want veterans. So I'm going to click on that.

And I'm looking for a particular table. It's CB 21 003. This is veteran status by educational attainment for the civilian population 25 years and over. So I'm going to search for the table.

Okay. And I'm going to click here on our magnifying glass. So here we go. Here's our table. So you can open the table in a few different ways. You can go you know click on the table this way the table this way or the table this way. So let's look at the table.

Okay. So we have let's select the topics. We have our table. And what are we looking at here. So again this is veteran's status educational attainment for the civilian population 25 years and older. So here we have all the census tracts that are in Montgomery. Montgomery. Okay. And we also have information such as, the tables broken into veterans and the non-veterans.

So you'll see less than high school graduates, high school graduates which includes the equivalency, some college or associate's degree and then bachelor's degree or higher. I would like to learn about high school graduates and which include the equipment equivalency. So let's go to our map.

Okay. So what is it mapping. So here it's telling us there is this is the total. So this is our veteran status education attainment to the civilian population 25 years and over. If you click this little down arrow here.

You can see it's defaults to the total number here. So if you wanted to go ahead and map it something else you can go ahead and select from here. So again I want to look at veterans high school graduates that include the equivalency. And you're going to see the map's going to update.

Okay so updates the title. So you also know exactly what you're mapping. So this is high school graduate include equivalent equivalency veteran the total number. And you can see that the map has indeed updated itself.

So let's go ahead and add some other geographies to the map. Maybe there's other census tracts that you're interested in getting information for. So you could add either add a single geography or you can do multiple geographies. So if you want to add a one, single geography, what you would do is you would hover over the geography and then right click it.

And then you can select it that way and it'll selected, it'll add it to the map. So we can select this one just to see what that looks like.

Okay. So it's added it. You can also remove it if you don't want that one anymore. So you can just deselect it. So if you want to do multiple geographies at once.

Give it a second to render.

So to select more than one you're going to click on this select button here.

So I'm going to right here select. And you can choose. You can create a box to select geographies. You can do like a radial circle. Or you can kind of freeform and do a lasso. So I'm just going to keep the circle. So here.

I'll just select a few of these here. Okay. So once you're done and let's say this is exactly what you want, just click on the select button to turn it off. Now let's say you don't want this geography. You know you thought about it like oh I don't really need these. So how do I clear my geographies. You click on this X box here in just hit clear geographies.

So it's going to clear all the select the geography. So that's what you want to do. That's great. I'm going to go ahead and hit cancel because this is what I would like to look at this afternoon.

Let's go over some of the buttons that are up here. So let's say you want to change your geographies from census tracts to another type of geography. That's what this layer button is for. And you can see there's a lot of different types of geographies that are available from region down to smaller levels, by counties, subdivisions, places, census tracts, ZIP Code Tabulation Areas, etc., etc..

I just I do want to say that if you go ahead and you select one of these layers, it's going to change your entire map from all census tracts to that new layer that you've selected. And I don't want to do that. I want to go ahead and keep that. You could also compare maps across time. So you can go ahead and change the year here.

Okay. So the map defaults to the 2024 ACS 5 year estimates to view data in the map for the same table from the previous years. Click on the year button and then select the year of interest and the map will update.

So if we select the 2023, it'll give us the data from that year.

I try not to hit the refresh button, so let's give it a few more seconds.

Let me try another browser to see if that'll work. Here.

Oh, here we go. Looks like it's going to run. All right. Let's talk about boundaries here.

Okay.

Sorry about this. Everyone.

Okay, let's restart this.

Go back to Alabama.

And then for our topics, we went back to populations and people and veterans.

And then let's go back to our table.

Okay. Let's go to the table. Let's go straight to the map.

I forgot census tracts.

Within place we want Montgomery County again.

Let's make sure that it fits. Everything goes in my cart here. Okay. Looks good.

Here we go. So we've done our base map. We've done our year here. So here's our base map. And this is, if you really kind of want to look at the - not the geography of maybe some landmarks. We have a highway here. And this is a good way also to identify census tracts here. So you can see sometimes these tracts follow along road lines and other divisions like that.

But you can always go back to your basic map, or you can go to one that doesn't show anything at all.

Okay. So let's go to our boundaries button here. I'm going to add our, and this just a layer of our zip code tabulation areas.

So we're going to scroll down. It's not an alphabetical order unfortunately. So let's see if we can find it.

You see it has a bunch of different geos here.

Here we go. And these are called tabulation areas because they're approximations of zip codes here. So now you can overlay the city, the zip code tabulation areas over a census tract. So that might be helpful for you in the future if you say, oh, I want to look at a particular tract. What do zip codes make up that tract?

What sectors make up that tract? And you can always get data for that information as well. So I'm going to close this out.

We have our identified button. So if you want information about a particular geography. So this is telling us this is sector 36117. The census tract is 54.02. And Montgomery County, Alabama. The state is Alabama. And it gives you the county information there. And if you wanted to, if you happened to use like a mapping application or if you'd like to get the geo ID for a particular geography, let's say I want that for the census tract.

I can click on that and it gives us the geo identifier information here.

Okay.

Let's move on. Let's look at our notes.

So this is this will give us information on the that you want. You're seeing as far as the geography and a map note one and a map note two.

You can also click close this here. If you wanted to create a PDF of the map, you can go ahead and click on print and it'll render a PDF as well. And then here's your share button where you can share the information through some social media channels. And then you can also include a link here as well. I just want to double check our table for a second.

So it's a couple of things here you can do with the tables. Well you can get notes. You can download the table. You can look at citations, sharing the table as well. Getting an API call, changing columns and transposing it. Restoring the table to the beginning and going to our map. You can make some charts here as well.

Some bar charts.

Again, you can change your data set and if you're looking at economic data, you can go ahead and look at the codes that way as well. Well, one of the thing I'd like to show you is you can change your colors here. So we have colors in the sequential area, diverging and then qualitative.

And then use that you identify button. Okay. So let's go ahead and go into our next example.

Let's look at mapping business data. So we're going to look at what we used to call all two digit code for counties in Colorado. I'm going to go back to data.census.gov. Start over.

So let's go to Explore Filters. This time I want county geography and we'll go to county. And those states are going to be Colorado.

I would like all the counties.

And then let's go ahead and look at our economic data. We're going to use something called county business patterns.

So let's go down to surveys. So we have a few economic surveys. The one I want is we have economic census but I want economic surveys. And we have business patterns, non-employer statistics. It's a lot of different information you can look at here. But I would like this. Business patterns and its business patterns by county. So county business patterns.

Okay. Then I want to select this information for a particular sector. So we're going to go down to our area here called codes. We're going to use these industry codes. It's the North American Industrial Classification System. This is a system that it's, it's an agreement between Canada, the U.S. and Mexico. When they are collecting data on industries, they use the same standards so that you can look at those industries across those countries.

So let's click on NAICS. And I want to look for retail. You see there's two digit codes one digit codes. Who's the one I want 4445 retail trade.

And you can go down even further if you wanted to look at health care or gasoline stations. I just want to look at the overall umbrella of retail trade.

Okay. Let's go ahead and look at the table. So we're going to click on our table tab here.

And you'll see because we selected specifically that that county business pattern data the tables that show up all start with that county business to CB. And then you'll have different years' worth of data. But I want to go ahead and just stick with this one. This is the one it says all sectors county business patterns including zip code, business patterns by legal form of incorporation, organization and employment size for the US for the year 2023.

So you'll have the geographies here. And then you'll see the retail trade and all these information, number of establishments, annual payroll and numbers, employees, etc.. So let's go to our map.

Okay. So what is the map showing us. It's showing us the number of establishments for the 4445 retail trade. These are all the establishments for 2023. And this is broken down by county. And you can see here the darker colors are where there's more of those retail trade establishments in the county.

Okay. It gives you the name of the counties you can see, you can zoom in a little bit. That's Denver. Okay.

So let's change things up a little bit. So now that what are we looking at the establishments. Let's go ahead and choose a map to map the number of employees. I'm going to click identify button. I'm going to go back to this down arrow here. And you see this a quite a few things you can map. You can do annual payroll and always range for annual payroll.

First quarter payroll noise range for first quarter payroll number of employees and noise range for number of employees. I want number of employees in the retail trade okay.

So now it's showing us instead of the number of, businesses in that sector, we're looking at the number of employees here. So you can see the map has changed quite a bit where the concentration of those are.

Okay. Let's go on to our next section which we're calling searching with maps. So in this example we're going to be searching for geographies that are associated with an address. So let's say I'm a grant writer for a facility that's located on Filbert Street in Palmyra, New Jersey.

Let's go back to our main page.

Let's go to Explore Filters.

Actually, the best way to do this, if we go back to data that census that gov and you want to go straight to the maps, you can just click on here without having, to hit a couple extra areas. So let's click on our maps.

So I'm looking for, I do know that Palmyra, New Jersey is considered a place. So I'm going to go ahead and do is I'm going to add my layer.

And I can go ahead and just type in place and it zooms me right to place. And this tells you this geographic level contains places within a state. And places are settled concentrations of population that are identifiable by name. Incorporated places are legal entities with boundaries established by law, and unincorporated places are census designated places are statistics and entities that do not have legally defined boundaries.

So let's go ahead and click on here. It's going to zoom in us here. But I'm just going to go ahead and just skirt along until I find New Jersey.

This is right outside of Philadelphia. So here's Palmyra, a very small town in Burlington County.

Okay. So as you start zooming in, it's called scale dependency. You can start seeing the street. So I'm particularly interested in that Filbert street. Okay. It's right here. One thing that might be helpful in this instance is using our base map.

Okay. So again this is helpful if you have an address and maybe you're going for a grant or you're putting together your business plan and you want to get census geographies that are associated with this geography. So then you can grab data from data.census.gov. Okay. So we can see from the detailed map the view of the location of Filbert Street.

And we've already zoomed in. So let's start by adding our census tracts and block groups. So let's say targets specific census tracts and block groups in Palmyra. So two ways to add the geographies. Again you

can use you can change with your layer here. Or we can just overlay those geographies. So I'm going to go ahead and click on boundaries.

Let's look for a census tract. It's not a little bit – okay - so if the grant has something like you know, what census tract is this facility in? And you can just go ahead and add your census tract and we can tell them it's in 7001.02, thousand one. And if they want more finite data, for example, those block groups which are block groups, settle within census tracts.

It tells you it's in block group one. So I'll do that again. Here's the census tract here.

And here's the outline for the tract okay. And then to add that block group. This is block report. And you can see some of these other the other tracts have multiple block groups in them. Like here's one two and there's a one and a two here too, okay. This just happens to have just one, one block group.

It's quite possible that the population isn't as many people as it is across the street.

So let's go ahead. I'm going to close these out. So this is a good here's another way to identify geographies.

Okay. So this is telling me this is block one and census tract 7001.02, in Burlington County, new Jersey. And it's in Census tract 7001.02, again in Burlington County, New Jersey. This block group and census tract are located in Palmyra Borough in the state of New Jersey. And again, you can go down here and get the full geo ID information for that geography.

So again, you can all print this map out. Let's see if it'll let us do it. I'm going to click print. Should come up in a pop up in a second. You can see what that looks like.

Okay. So it's a place geography. So this is a nice map. I've worked with some, people, nonprofits before, and they like to add in maps, their information for their grants. And here's that gives you the map notes as well. And again, you can do your notes and you can also share this information.

Okay. So let's talk about some resources that are available to you if you do have questions on using data.census.gov. Here’s our stay connected page, there's a few different ways to get connected with us. We have included the link to our resources page which has information on how to materials, upcoming releases, webinars, and then recent tutorials. If you do have a question that you would like to ask us, maybe you sat through this program and say, oh, I have a further question about what I learned this afternoon, you can also this is our email address. It's census.data@census.gov. If you would like us to do a training for a group or an organization, this is our email here ced.cedsci.outreach@census.gov.

You could always sign up for our email updates. So you can go ahead and sign up for our monthly newsletter. So the newsletter does cover the most recent changes and fixes that we've made to data.census.gov, as well as information for upcoming events like webinars. We've included the link here if you'd like to sign up or you can use our QR code.

And then one last thing. We would like you to maybe answer some, some questions and how we did with our poll today.

If you would like to get further, hands on practice again, this is, a QR code and we do these three hour webinars and you can see they tackle everything from mapping to geography to our, debt to economic data

and our API. So this is a great way to sit with one of us instructors and have a very, kind of like, inclusive way to learn all of these tools.

We are also looking for volunteers to join our usability testing. We're always looking for ways to improve data.census.gov. So we would love to hear from novice and expert users who meet, either of the filing criteria, experience in currently or in the past analyzing or using data. They use data from data data.census.gov or other statistical sites.

So if you, or someone you know, would be interested in participating, it is a 60 minute study virtually through Microsoft Teams. Well, this is the link and you'll get this information. And then for more information about usability testing, you can get that as well. And then if, if you have questions about usability testing, this is the email to our branch and they can help you answer any questions.

There will be a post webinar survey, which will automatically open up in your browser with, exiting WebEx. So if you want to give us any questions or comments, we would love to hear them. Again, for as I mentioned before, your questions and comments are extremely important to us because they help us guide the work that we still need to do.

So if you have anything that you'd like to share with us, or if you have questions about the census API data, that's census data or microdata access, you can email our branch at census.data@census.gov. And in addition, you please make sure to check out our resources page where you'll find information on the site and guidance for using it.

Also, we're always looking for feedback from those who use data.census.gov. So if you be interested in chatting at another time to give us the feedback that you have, please send us an email and we can set up a time to talk. And then I just want to give a shout out to our data dissemination and training and trainers.

These are employees of the Census Bureau, and they're fantastic. They know a lot about census data, and you can now request a free training for your organization. You can also receive our Data Gems, which are how to videos and how to easily and quickly increase your knowledge of data.census.gov and census data. You'll get access to our courses, which again are your own pace video tutorials designed for different skill levels and also to interact with our instructors via webinars like the one you just had this afternoon. So here's our contact information and we'd be happy to hear any of your questions or comments.

Great. Thank you so much, Noemi, and thanks, everyone for joining us today and for all of the wonderful questions that you submitted. So at this time, we can go ahead and transition to the questions. I do want to reiterate the evaluation survey. Just know that this is going to be a pop up window once you exit the WebEx screen.

When you see that window, please don't close it. Take a quick moment to share with us your thoughts about how you like this webinar. What worked well, what we could do better, and especially if there are any other topics that you are interested in learning about in future webinars, webinars or workshops? We are planning out the remainder of the year, so now will be a great time to give us your suggestions.

So with that, Noemi, we can transition over to the question and answer session. We received a number of very thoughtful submissions through the chat panel. So again, thank you all for your enthusiasm and for your participation. And then just as a quick reminder, we will be focusing on the on mapping data on data

data.census.gov. All right. So with that, if you already know, I mean our first question reads, can you select multiple years, for example, 2023 and 2024.

No, not currently in data.census.gov. Well I believe we can't. Let's go to our year's filter.

Now see, it's only allowing us to select one at a time. So that's the answer. Just one at a time.

Great. No thank you. And thank you for that question. All right. Our second question reads, when printing a map, how is the print area defined?

I'm not sure. I mean, I worked on paper mapping and data collection for census. I'm assuming this is, it's a probably a pixel range that they're going ahead and selecting the geography. So it does kind of zoom in a little bit. As opposed to like a large scale map, which we do have large scale maps on our website, and they're big PDFs.

So you may be interested in looking at that in a geography section. They do have the really big PDFs, but these here tend to be like a smaller area depending on, you know, even if you're looking at like the big census tract map, we look that it's got to be a smaller image on the maps.

All right. Great. Thank you so much for that question. And then finally, our last question reads where can zip codes for each zip code to be found.

So I will I can get on I can talk about this forever. So there's we do have zip code information. Right. But with the Census Bureau when they're looking at a zip code. So you can go under geographies and you'll see zip code tabulation area. This is just for demographic data. Now that does include economic demographic information like how much people make a year and stuff like that.

If you're looking for business data, you would want the kind of just generic zip code. So you would go under geographies. And see and you'll see we have we have the zip code tab area. And then we do should have just a regular zip code. Yep. This is the five digit zip code. So this will give you if you click on this let's say let's go back to Alabama.

And we go all five digit zip codes. And if we look at the tables here I still has 2000 on there. You'll see it's just going to bring us the economic data. It says economic surveys economic surveys. Right. But if we open up let me open up another data.census.gov. And you just and you wanted the demographic information you go to zip code tabulation area Alabama all five digits.

And then when you go to tables you'll start seeing demographic data. So that's the one thing to remember between the two. If you want demographic data, choose the zip code tabulation area. And then if you want this to, to go ahead and look at them. Total population.

It’s a little slow today. I believe you cannot map the zip codes, the business zip code. It’ll just give you the information here.

I see someone's interested in mapping children in poverty. Let's see if we can get this to work. So if you go to explore filters and you want the zip code tabulation areas, I'm just going to select one, one, a couple of ZCTAs here. So then go back to your table. You can go back here and select a topic. So we do have an income and poverty topic here.

And you have income and earnings, poverty, income and poverty. So if you want to select the topic of poverty we have the official poverty measure which is different than this button here. If you select this one, this is going to give you American Community Survey tables that have information on poverty. So here's what it says. Poverty status in the past 12 months.

This is subject table 1701. So while this has these ZCTAs and it gives you information by total below the poverty level and then percent, if you wanted to add another ZCTA, you can see the map. Things are not mapped. And here we go. Say maybe I want to go ahead and include some other ones here I can select.

Okay. So now you have your map here. Now it's going to select a model. So you can and then you can select these as well. You can also do multiple topics. But because the ZCTAs can't be mapped that's, that's the other way you can tell a zip code from a ZCTA. So this has the information here.

So you'll have the table if you want to grab that table, you know the link. Or you can, you know, download it. And then here's your map that you would make using that, poverty data that we just looked at.

Okay. One other thing, this one doesn't show it but ZCTAs can cross state lines. These don't. But there's a few examples out west to be aware of that a ZCTA can cross state line. But these all seem to hug up right against the border here.

Any other questions?

Yes, Noemi. So, we have a participant that wants to know how to maximize the mapping area. Can you show where the chevrons, the upward chevrons are to collapse the ribbon?

Help right here. See the star right here. If you click on that, it'll just give you the title. It won't give you the graphic beneath it. But you can still go ahead and say I want to change my layer. You can still use these. Okay.

Wonderful. Thank you so much for showing us that. And then the last question that we have it, it says, can you select more than one criterion from the drop down arrow, for instance, if it breaks the table by age range, but you want all the persons under 18, can you aggregate it?

So right now this table actually has, okay. So it defaults to percentages. Right. So everything that's highlighted is under percentages. If you wanted the estimated number you can click on the estimated number. And you can get examples for that one two. It also depends on the table that you're looking at. So because we were looking at poverty, let's see.

You can see there's multiple tables for poverty here. So you can look at past 12 months. You can look at I'm sure there's a table here. And that kind of breaks it down by eight. You just can't remember which one it is. Let me see if I can do that. Add another topic here. Populations and people whose age and sex.

So this has information for grandparents. So you'll see it has some breakdowns for grandparents. This is poverty status in the past 12 months by age and language spoken. So we do have some other iterations here.

So it depends on the table. You select what the breakdown is going to be here.

All right. Thank you so much Noemi. And thank you for all the questions that you all have submitted so far. We do look like check. All right. And with me one last question that we just received. Does the map allow you to drop a pin if you wanted to identify a particular landmark or address and see its location?

Oh, I wish that would be really cool. Yeah, I mean, that's feedback it had to the developers to ask us to do that. That would be really neat.

Definitely. That's a wonderful example of feedback that, you know, we, we tend to receive and things that get passed along to the developer. So we don't currently have that functionality. But great, great feedback. Good to know.

Yeah. All right. So base map to show you some of the, you know, linear features that are available here like highways and stuff like that.

Yeah. Wonderful. All right. So thanks everyone. So Noemi, that is all the questions that we have received. I want to take a moment now to thank you all for your participation, your engagement and all the questions that you submitted. Thank you for being with us today. Noemi I will turn it back over to you for final thoughts.

If you want to talk a little bit more about the Census Academy training. But thank you all for joining us.

Yeah. If you're interested in more of our training. So I'm going to show you our help section here. It's right in the corner here. You can go to our resources. And you'll see some of the information we have here as far as resources. This is our you know, so we do videos especially when we're updating information. You can look at our video tutorials or how to materials.

This is our workshops. We also do webinars. So you can kind of peruse through here because I think so many of the times they are recorded. So maybe the topic you're already looking for might be in one of these areas here.

All right. So that is all we had for you today. Don't forget to fill out the evaluation survey on your way out. Thank you all so much for joining us once again. And we hope that you found this webinar. Really helpful. So thanks everyone. Please take care and we will see you on the next webinar.