DEPARTMENT OF HEALTH

MIIC Webinar 3 Transcript: Getting Data In and Out of MIIC

MAY 14, 2024

Good morning, everybody. Thank you for joining us for the third of our biannual Minnesota Immunization Information Connection four-part webinar series. My name is Heather Rieck, and I'm a health program representative with here at MIIC and I'll be your facilitator for this webinar. So, moving on to some housekeeping details, all attendees will be muted, but you'll have the opportunity to ask questions throughout the presentation, which we will discuss in the next slide. Please keep an eye on the Q&A chat for links to websites discussed throughout the presentation. The webinar will be recorded, and the recording and its transcript will be posted in the MIIC user guidance, training and resources MDH website in the days following the session in the MIIC user guidance and training resources [MIIC User Guidance and Training Resources (www.health.state.mn.us/people/immunize/miic/train/index.html)](www.health.state.mn.us/people/immunize/miic/train/index.html). If you have any questions that do not get answered during the session, please reach out to us at the MIIC help desk at health.miichelp@state.mn.us. If you come across any technical issues, the easiest way to fix them is to simply log out of the session and then log back in.

To post questions and comments, please select the Q&A channel in the upper right banner of your screen. At the end of the session, a link will be posted to the CEU survey that can be filled out to receive your CEU credits if desired. You must complete the survey to receive the credits. Please contact your organization to determine if this activity meets the requirements for acceptable continuing education.

The recording transcript and C EU survey link for the website are posted on our user guide and training web page a few days after the session [MIIC User Guidance and Training Resources (www.health.state.mn.us/people/immunize/miic/train/index.html)](www.health.state.mn.us/people/immunize/miic/train/index.html).

Please join us Tuesday, May 21st for the last session of our four-part webinar series where we will use we will be discussing MIIC tools to increase immunization coverage. This will include using lists, assessments and client follow up.

All right, let's move into today's session. We will be getting data. We will be focusing on getting data in and out of MIIC. We will cover bulk query, data exchange spreadsheet, and file uploads, direct data entry, editing immunizations, vaccine reports, and then we'll end with a question-and-answer session. Now let's move on to the presentation. Please welcome my colleague, Erna.

Hello and welcome today. As we touched on previous webinars for MIIC or the Minnesota Immunization information system, it's a statewide confidential system that stores electronic immunization records of clients who live or received immunizations in the state of Minnesota. But how do those immunizations get into MIIC and how to providers get the information from MIIC. That's what we're going to focus on today. Here on this slide, it shows all of the different types of data that we receive in MIIC. The office of Vital Records at the Minnesota Department of Health shares birth information. Can we go back to Slide 9? Great.

So, on the office of Vital Records for the Department of Health MDH, we end up with that information as a child is born in the state that creates a MIIC immunization record. We also receive information from Wisconsin, Iowa, and North Dakota for immunization records of Minnesota residents that is shared routinely behind the scenes, we also have DHS and refugee health systems that share information with MIIC. Next slide please.

In addition to those resources, we received data from a multitude of different user groups. As the list illustrates our sources show hospitals, clinics, community vaccinators, occupational health, and employer. Clinics, we have Veterans Affairs, school-based clinics, urgent care clinics, home health care or Hospice, and pharmacies. So, groups that are using and contributing data to us in the MIIC system. Next slide.

In knowing who submits the information to us, now what we want to do is discuss how that data is getting to us. We also, one reference that we use as a term in MIIC is anyone submitting information to us such as schools, clinics, or traditional medical doctors, we call them providers. So, let's go into the next slide.

In the previous webinar we learned about the information available in the client immunization history in the forecast tools. Now, for data, we have three different ways to obtain clients information our clients immunization history and MIIC. We can either do a manual search, an electronic data exchange, or bulk query. So, let's go into the next slide. We should be on slide number 13. So, one back. Right. So, another. Yes, that's the correct slide.

For querying MIIC information electronically, organizations have the option to exchange HL7 immunization query messages with MIIC. Organizations who wish to exchange these messages must go through what we call an onboarding process that ensures that they are sending the messages that meet certain specifications and are formulated in a way that can read the message on our end and rate return the information that's being requested in that Query. Now, once an organization is on boarded on the or sorry about that. Once onboarded the organizations EHR or electronic health system or the application that they're using internally to store their health data creates and sends a message to MIIC. The message contains the clients' demographic information and MIIC will use that information to find the clients immunization record and then send back information to the EHR system that the organization is using. The organization can specify if they want the client's immunization history only or if they want clients' immunization history and forecast immunization recommendations according to the MIIC forecaster. MIIC processes in response to these query messages in the order in which they're received, and oftentimes it's in near real time. These messages are sent back and forth between the two systems. Once the information is returned to the HER, a staff person can review it before importing it into their EHR system that they're using and then it actually populates in the clients record within their system. The use of HL7 query messages is a great option for chart prep ahead of appointments or point of care, meetings that they might have with those clients. So, that's just one options with the queries. Moving on to the next slide.

We also have the bulk query that some of you might know. This is querying MIIC via HL7 is not super great if you only need to do it periodically or for a list of clients or random reporting. From there, in those cases, the bulk query tool is a better option. There are multiple ways to access bulk query tools depending upon the organization type. All bulk query tools require the organization to populate a template file, log into MIIC application outside of MIIC, and upload that file. So, you're asking for a specific information, creating a file, submitting it to us then we're responding to the information requested and in doing that, organizations must access the MIIC bulk query tool through MDH's cloud drive and upload a pipe delaminated text file. Schools and institutions of higher education can utilize this bulk query functionality through the errors application. So, that's something for the users who are doing the school reporting. This is a tool that they probably know and use a lot of. So, let's move on to the next slide.

Now, in reporting vaccine data to MIIC. This is how we get data out of MIIC and how providers can use this data. Vaccine administrated data can be reported to MIIC and one of three ways. Either the electronic data exchange, file upload into MIIC, also referred to as batch load, and direct data entry, or hand entry into MIIC. Some systems, users vary. Either they're using a system, or some individuals are still loading the data by manually typing it in and as it occurs. Now the graphic on the right shows the breakdown of immunizations administered in 2022. That had been reported to MIIC as of April of 2023. The electronic data exchange is so common, reporting method that's used by most MIIC participant, excuse me, participating organizations with 94% of administer immunizations administered last year having been reported to MIIC electronically. Establishing an electronic interface with MIIC is strongly recommended for all providers, and especially those who frequently vaccinate or high-volume immunizers because then too, we see the data in real time and that's a convenience to actual individuals looking for their immunization data. Now let's go on to the next slide.

This might look more complicated than it actually is, but electronic reporting to MIIC through electronic data exchange refers to the sending and receiving of HL7 immunization messages between an organization's electronic health record, or EHR or other system, and MIIC through an established interface. Once this interface has been set up, providers only need to document the clients' immunizations data within the EHR. The EHR then creates and sends a message to MIIC directly. Because the HL7 messages formatted according to MIIC specifications, MIIC application can read the message, absorb the information, and then add the immunization to the correct person's record. As you can see in this message, if you look closely, you can see the person's name, what type of vaccination they receive, the date that they received it, and the vaccination was administered by, if you look on the third line from the bottom, the MIIC clinic. Depending upon how the organization set up, the information can be added to the clients MIIC record in real time and in most cases, it is as long as it's a electronically transferred. So, stopping to see if there are any questions here so far.

It looks like we have one question. So, this question is maybe for someone else but will ask it anyways. It says when people bring in outside records and want them added to their MIIC, what is the best way to send them to you? Maybe this will be answered later on.

How about where you? I can answer that real quick. Your best bet is to actually email. So, it depends on if it's a provider or if it's just I want my immunization record updated. If it's a provider, you'd wanna. As a provider, you should actually update the interface yourself or update the clients record yourself up, but if it's a if s a public question, just go ahead and have them email either the MIIC help desk or they can go on our website and then search find my immunization record and there's a bunch of information on how to update your own record that way health.miichelp@state.mn.us.

OK. And then if we go on to the next slide.

So, if you're interested in moving beyond the user interface to exchange data with MIIC via the HL 7 interface or to query, MIIC through one of the bulk query tools, reach out to us at the help desk, we can answer those questions or provide more details on the steps required to get onboarded or pursue the bulk query. There are also resources that you can refer to on our website which are under the title of submitting and exchanging data with MIIC again, at our website [Submitting and Exchanging Data with MIIC (www.health.state.mn.us/people/immunize/miic/data/index.html)](www.health.state.mn.us/people/immunize/miic/data/index.html). So, from there, at this point, if there's no additional questions, I'll turn this over to Jenevera to demonstrate how to use the immunization spreadsheet upload functionality and MIIC.

Hey, thanks Erna, were there any other questions?

No.

OK. My name is Jenevera Wolf. I was the random voice that popped in earlier before there. So, as Erna kind of went over, you can go to the next slide.

As Erna kind of went over, data exchange or electronic data exchange is the gold standard and you saw in that graph that 94% of organizations submit data that way and receive data back. But there are other ways to enter information. We have our general immunization spreadsheet and then we have just direct data entry. The spreadsheet I'm going to just demo for you guys. If you look at the screen, it's just a screenshot of the header, which I'll also show you. This spreadsheet can be used for it can be used for anywhere from one client to thousands of clients. I personally would not use it for one client, but that's just me. It’s typically somewhere between you 5 and 20 clients and then we get like I said, spreadsheets that have thousands of clients on them. So, it is a good way to, in theory, load a bunch of, you know, a lot of records at once. This can be time sensitive as it says on the screen. This is really more during COVID when we were getting hundreds of them a day, typically now we get we get several spreadsheets a day and we processed them within 24 hours of getting them. So, you can go to the next slide and I'm gonna go ahead and share my screen.

So, just so everyone knows, this is our test environment. So, none of the information that you're going to see on this screen is real people. But before I log in, I just wanna direct everyone on the in MIIC production, we have this little light bulb over here. That is what that icon is supposed to be, if you click on this little light bulb, it actually brings us to the MIIC user guidance and training resources page, and this is actually where all the webinars are going to be. You'll see them on the screen here once they're recorded and put up here, but it also has a ton of information on just getting started, entering information. So that's kind of what we're going through now. Some reports that you can use, vaccine ordering and then user management [MIIC User Guidance and Training Resources (www.health.state.mn.us/people/immunize/miic/train/index.html)](www.health.state.mn.us/people/immunize/miic/train/index.html). And this actually links you to the submitting and exchanging data. So, this is what Erna kind of went through before. So, if you click on this, it'll take you to the information on how to submit an exchange data electronically with MIIC. So, that's the little light bulb. I just like to note that because a lot of people don't even pay attention to that thing.

So, to log into MIIC, you need an organization code, a username, and a password. These aren't real users either, just so everyone knows. So, I'm logged into the application as a typical user. So, if I'll direct everyone to the top of the screen, this yellow ribbon tells you what organization you're logged into the application as, who the user is, and then what that role is. There are several roles in MIIC, a lot of them are read only, most of them are tipple user. This is the most common role and then there's administrator and health system user. For this spreadsheet, I just want to note that read only users cannot use the spreadsheet because read only users can’t actually change anything in the application. If you're a read only user like a school or a childcare and you've got records that you verified with the families, the individual, the parents or guardians that you, they want to put into the into MIIC, you need to contact the MIIC help desk and we'll get you to the steps on how to do that health.miichelp@state.mn.us. So, again, this is this function is just for typical user role and above.

So, to get the immunization spreadsheet on the right side of the screen, there's actually a option down at the bottom that says imm spreadsheet. That's because we couldn't fit the whole word immunization in there, and you're just going to click on template download. It's gonna to bring you to the screen where it'll tell you, it'll navigate you to the user guidance. If you click on this option here this takes you directly to the user guidance and the general immunization spreadsheet drop down is here. So, it's basically what we're going through. If you've already read through that or you watch this webinar and you feel like you can conquer Excel, we can go ahead and do that. So, we're gonna click generate and depending on your computer it might put it in some mystical place minds up here under the download option. So, I'm going to double click on this and then I'll show imm spreadsheet and I want it to make sure everybody knows that this is a common separated value for file, and it needs to stay that way. If you open this and excel decides to change it to a different format, it's not gonna work in MIIC and we'll just contact, you and say please try again.

So, I'll open this real quick. And I'll just show you what it kind of looks like. It's just like on that screenshot. It's not real pretty, but it's got the header information, so rows one through 10 are all something that MIIC ignores but you can, so, you could put whatever you want in here, but we'd like your organization name, your organization code, who's filling out the spreadsheet, the email address to contact them. This website here will take you to the CPT, CVX, and DLE codes, and that means it'll just take you to the code set spreadsheet so you know what to use. And this all of our email address for the help desk and then this row just tells you that the minimum required information for the spreadsheet to even work at all is last name, is last name, first name, and birth date. That is just to have a client on the file. If you have immunization information on here, you also need vaccination date, CPT and or CVX code. And then rows, 11 down, is what MIIC actually reads, so any information you put down here is what MIIC is looking at. If you have a special note, you can put that on row nine. So, if you put a note that says please contact me or these are specific immunizations for specific organization. You can type that in there. I'm going to close this, so you don't have to watch me typing one.

So, this is an example of an immunization spreadsheet that we filled out for this webinar. I put my organization name in, the code I used to log in. I'm the user and this is the user's email address. That's all I've filled out and then under row 10 is where I've started putting in my information. Again, I'll just say that last name, first name and birth date are the only things that are technically required if you have a vaccination date, you need to have a CPT code and or a CVX code. If you have both of those codes, they need to match, so don't just put in random information, they need to match. You don't need a CPT and a CVX. So, if you look on this road down here under Khal Drogo, there's only a CPT code, there's no CVX code. We do have the street address in here, city, State, zip, phone number, race, ethnicity. We do want that information if you have. It is not required, and I'll note here that if you put in an address in here, it's going to change what currently exists in MIIC. So, if you put in an address like no address, sometimes we see people that put don't have address and if this spreadsheet has thousands of clients on it, our team isn't always going to catch them. So, if you don't know the address or the correct address, don't put it in because it will update the client's record. The same goes for phone number. We get a lot of people putting in 555. We also get a lot of zeros put in here. If you put that in here, it's going to put the zeros into the client's record. So, if you don't know the phone number, don't put it in. If you do know the phone number, these two formats are the only two formats that MIIC will accept, because this is the CVS or CSV, sorry CSV file, it's super picky, so you can't have special characters, you can't put parentheses in, you can't put an asterisks, you can't put someone's nickname in here. By that I mean sometimes people put like, instead of Indiana Jones, they'll put Indiana and they put Indy next to it or in parentheses next to it. So, it must just be first name or last name, first name and then no special characters in the phone number field or anything like that. The birth date and the vaccination date are in that format. It's month, month, day, day, year, year, year. It has to be in that format, or it won't work. Again, I'll go back to the CPT and CVX, those codes have to exist on the code set spreadsheet and if you have a CVX code, it must match the CPT. If you have the lot number, we of course want the lot number. If you have the manufacturer code, we do want that it does need to match the CPT and or CVX code. This dose level eligibility column. column Q, we do see a lot of people putting an actual measurement of a dose in here. And while I kind of get why that's done, it's not a measurement, it's a dose level. It's for insurance purposes. So, I think V01 is special projects, so it's insurance purposes. So, then that's on the code set spreadsheet too.

Column R here. is did org administer the dose? And this is the yes/no field. If you don't put yes here or you leave it blank, it will default this immunization that you've put in for the 13th, it'll default to historical and what that means is you're it says that your organization is not the org that administered it. So, if you have a bunch of historical records that you're putting in, you would leave this blank or put no. But if your organization actually administered the dose, you wanna put yes or Y in here. And then these last two columns, these are more specific to if someone is refusing a vaccine. So, these aren't comments that you put with regard to your interaction with the client or anything, it's usually if someone refusing like influenza or there's a medical exemption. So, if you put a date here. So, there wouldn't be a date for vaccination. If you put a date here, you need a comment code here. Otherwise, that's why I kind of left it blank because we don't use this a ton, but sometimes people do refuse vaccines or they have an allergic or this have an allergy anything allergy is PE I want to say, it's on the code set spreadsheet but again if you have a code here you do need a date there. So, we're not gonna put one of those in.

But this is what the spreadsheet will look like once you've saved it, you wanna hit file save. And then I'll just show you real quick, you wanna hit save as and make sure again it stays as that comma separated value because if it doesn't, if it converts it excel thinks it's smarter than people and it'll change it so. I'm going to close this out and go back to MIIC. Make sure you save that to somewhere on your computer. And then you're going to log back into the application and then to upload this file, you're just going to click upload here, you're going to type in your phone number, you're going to choose a file, you're going to find it, hit open and then click upload file and this screen will tell you that MIIC has received your file. It will give you the file name and it'll tell you it'll appear within 5 business days and then you can go ahead and load another file if you need to do that. It also tell you that you can click check status to see what the status of your file is. What will happen at this point is our MIIC team goes in and they grab those spreadsheets and then they clean them and process them and load them under your organization. Like I said, we usually do that within 24 hours unless we're getting a bunch of them. But you can always check the status. So, I'm going to click the home button just to show you. To check the status of a file. So, you've loaded something you've looked up and Han Solo's record isn't showing that you the file, immunization you thought you put in there. You can always click check status and you can change this drop down to all of these options. I'm just going to leave it for the past hour because I did load that file that we looked at. If you scroll over to the right, the status on the very right side of the screen says complete. That's what you wanna see. If it says error, it means the MIIC team is gonna try to fix something or will work with you to figure out what's wrong with the file. Same thing with exceptions. So, the status you want to see is complete. And then if you actually want to see some more details, you can click on this little hyperlink the job name and this screen will just give you a brief summary of the file. It'll tell you that 14 clients were accepted, accepted 14 immunizations were accepted. It'll tell you that none of them were new. Side note, that's just because I loaded this several times and ten of them already existed in MIIC. So again because I had already processed this several times. Had there been any rejects or rejected clients, you would see a number here and if you have questions about that one, I'll tell you that the MIIC team usually fixes those and you don't even know about it and if they can't fix it, we're going to contact the person that loaded the file. So, if you see rejected and nobody contacted you and there's not a follow up job that shows that for clients were fixed or four clients were processed, you should have gotten something from us, but if you didn't, you can always contact us and ask.

To look at the response file, this is basically just the MIIC version of what the screen says, you can actually click on this little hyperlink, and it'll give you kind of the same summary it'll give you if there was any issues like Chandler Bing didn't have a ZIP code, so it's telling me you didn't have one. Same with Indiana Jones and Han Solo. So, this gives you a little more detail. It's not pretty. It is helpful if you need to dig a little deeper. And then this inbound client file is actually just how MIIC reads your file. So, this is what MIIC is seeing. Also, not pretty. So that's how you load a spreadsheet. Again, if you have any issues, typically the MIIC team is gonna contacted you, contact you so no news is good news in that case. And then let me just go over, I think I went over the common errors, but I'll just say it again, the common errors are special characters on a file, missing last name, first name or date of birth, leading spaces on date of on any of those fields. So, sometimes somebody will put a leading space before a name. I'll just show you what that looks like real quick and why it's hard to miss. So, sometimes we'll go to Gretchen here.

Sometimes they'll be a space here and again if there's thousands of clients, sometimes the MIIC team isn't gonna see that. But this will actually stop the file from processing at row 16. We also have, like I said, a lot of people putting zeros in the phone number field or five, five, fives. The measurement in the dose level eligibility. And then the worst one is actually when there's two addresses. So, sometimes people put clearly a rent control department and then they'll put something like a PO Box here. So, we just want one address. So just put. You can certainly put an PO box. Put pick one or the other. Don't put both in there. So, it's the extra addresses that are a problem. So, that's the most common errors. So, I'll go out of here quick.

Now from there, if you do have this typical user role and above, instead of using this spreadsheet, say you just have one client that you want to enter information in. We're just gonna look up a client's record here. I'm just gonna pick one. So, I'm going to go to manage immunizations under the routine functions' header here on the left, and I'm going to look up let's do. No, there's a lot of Indiana Jones. These are all test clients, so that's why there's a lot of them, so 511. So, we're gonna click on this one. It's gonna take me to Indiana Jones. You'll notice that his address has been updated to an unsafe tomb. To add an immunization, I'm just going to click add immunization here. And this screen is where you can add you can add as many as you want. It's usually one by one. So, what you wanna do is. I don't think we're gonna go. We're not gonna go over using inventory. So, that's in one of the links, but we're just gonna add, say, we're gonna add it. We just administered 1 dose. So, I'm gonna click this drop-down changes to administered and then you can put its gonna default to what org you're in and let's just say he got a rabies shot because he's in an unsafe tomb and I don't know that there's rabies there, but we'll just pick a date. So, you're just going to pick, these are in alphabetical order obviously. We're just gonna put rabies in, pick the date administered hit OK. And then the next screen will ask for a little bit more information if you have it, please put it in if you don't, don't put it in. I'm just gonna. I don't even know what these mean. So, I'm just gonna put one in and hit OK. Here's that dose level eligibility, if you guys have questions about that too, I'll just put uninsured because I don't think Indiana Jones is insured. So, now I've added that and if you scroll down on the history screen again, this is also an alphabetical order, you'll see that the rabies shot that we just entered is now on Indiana Jones record. You can click on this little paper pencil icon if your organization owns it and see more information, I can delete it from here if I want or I can hit cancel. But that's how you add an immunization and then I think that's all I had to go over. Are there any questions at this point?

Yes, we have a couple of questions, OK. So, one person is asking if a client has a MIIC record and there's only COVID doses on the record and that organization needs to enter multiple vaccines onto that record how should they go about submitting those?

If it's just one client, I would personally just do it through the user interface. If you have a bunch of them, you can use that spreadsheet. That spreadsheet will load any immunization that is active and usable. So, if you have a bunch of them, I would use the spreadsheet. It really depends on your comfort level with Excel. But if it's just if you're just adding three shots on Indiana Jones's record, I would just log in and do add immunization here, and then put the shots from here. I think that was that answered the question.

And then they had another part to their question, which was if a client has no MIIC record, but they bring in their immunization record to the provider how to, what do they do in the clients requesting the record to be entered into MIIC? Should they enter that record? What should they do there?

Yep. So, if you're a provider, you can and should enter a client's record into the application. So, we'll just click the home button, so if you have again this typical user role and above read only cannot do this. So, it's just typical user and above. You can click enter new client here, I think this was gone over in the last webinar too, but you can click enter new client and I'll just show you what happens if you try to enter a client that does exist. Hopefully I see it helps. If I spell it right. Indiana think he was five 11. So, I'm going to try to enter in Indiana Jones with that same birth date and not gonna put any address information in. The only things you need to do to enter a new client is last name, first name, and birth date. We do want all of this other information if you have it and as you notice there was like 20 Indiana Jones. So, if you have mother's maiden name and first name, please put that in too. But I'll show you if you hit save here it's going to tell you please do this and then it's going to say, please don't create a new client. We think there's already one in here, but if I'm sure that these are two Indiana Jones born on the same day, I can hit create new client and this is the test environment. So, I can do that, but MIIC really is telling me to think really hard about it. So, I'll hit OK and now this is the blank record. So, if I hit immunize, this is the forecaster down here, but I can add an immunization from here. So, say I'm getting historical records for Indiana Jones. We'll just go to what you guys think he needs tetanus. Probably. Seems right. So, we're going to put in a tetanus shot and hit, OK. I don't know anything about tetanus, so I'm just gonna put in some numbers. And we'll hit OK. And now you'll see that this Indiana Jones has a new shot on his record. So, if you have, as the provider, you should be entering information if the client wants you to do so.

All right, then we have another question that says what does the owned thing mean?

Let me go to. So, I'm gonna look at Rainbow Bright's record here. This again was also gone over, and I think the last webinar, they're all blurring together but these columns are just specific to the immunizations. This owned column where it says question mark means that the organization I'm logged in under. So, I'm logged in under test org, does not own this record. So, if I click on this little no, it'll show up this show this box which is very tiny on the screen, but it's telling you that MIIC actually owns this vaccine. Now, because this is the test environment, and these are all fake. it's not realistic that it would say this. It would probably say like you know, Health Partners or wherever this person went, but that's what that means. If that row is blank. So, this shot right here, you'll see that there's nothing there. That means that the test org that I'm logged in under owns that immunization. So, if it's if it says if it's blank here, it means that test org is the one that put this shot in, and they're the ones that have to change it if it needs to be changed.

All right, then we have one more that's relating to schools and AISR. So, it says in MIIC, if you have a client list you created of all students in your school, can you download in an already created template from that MIIC list to use for the AISR?

So, we're gonna go over lists in the next webinar you can. To use the list feature, it's another Excel spreadsheet. It's slightly different than the immunization spreadsheet, but AISR is actually now all done within the AISR application. Schools and childcare report slightly differently but you can like if you load a list into MIIC. And again, we can. We're gonna go over that in webinar numbers four, it's under the manage list feature here. So, there's a bunch of lists in here, but you can certainly view this list. Go to view, create output and then you there's a couple of different options. You can click on this, and it'll give you this list, but you can't upload this into AISR. AISR has got a whole different application that you need to log in into and load that data. And I think there's actually a webinar on AISR too. On our website. I can I'll send the link to Heather, and she can post that too. And child cares, they'll create a list and then we'll run the report for them, and then they'll manually enter that into AISR.

So, that's all the questions we got.

OK, I thought I saw something about client comments, but I feel like. Is there a question about client comments?

Not from the users.

OK. Client comments are down here, just so everybody knows that's also in webinar number one, I wanna say or two. The only other thing that was gonna share before I moved on was no vax reference tool. And I can't move this out of the way. So, this is the tool. I was just gonna show everybody this. You can go on the Internet and type in vax ref form, and it should direct you to this page. But this tool actually will help you if you have immunization records that need to be translated. So, I can put this in the chat for them to send everyone to. So, I'm going to stop sharing. Heather, if you want to grab the select the slide deck.

OK. And I'll pick it up now if we're ready. If I can go ahead and I'll take over sharing my screen. And what we're going to do is we're going to go over the vaccine given and vaccine summary reports. That you're able to pull this information out of MIIC. Basically, like Jenevera, I have signed into our test org and what you would do is under, the typical user role you would look for reports and it shows under vaccine usage. Then request vaccines given report. In this case, this will pull any historical information that's in MIIC in a date range as opposed to by individual users. This is looking at all of the immunizations that you might have given for your organization to pull those records and in this case looking at it, you have the vaccine groups that I had highlighted what's available, you can either do all of them or you can break it into individual like COVID and other vaccinations. From there you can do a date range and in this case, I'm going to. Am I still allowed sharing? I'll share again.

I am so sorry, Erna. I've got so many screens opening. I'm I keep accidentally pressing some.

No problem but can everybody see it now?

Yes, now we can see your screen.

But you do need to type in a date range and then you can also customize it according to the age. If there's a specific one that you want to do and you do wanna be cautious. Since this the test environment and we don't have a lot of history in here, it's not like a real system. If you're a larger organization that do a lot of immunizations, you sometimes want to be cautious on the date range because the further out it is, let's say if it's a year to two years, it might take a long time to get results back. Otherwise, in our environment here it's easy just to go ahead and generate the report. You can name it if you want to. And you're always going to end up with this message that the system automatically gives you that says it has a limit station of 65,000 records. If you need more information pulled from MIIC, we ask that you reach out to us at the help desk, otherwise do know that that's a standard message that comes across. And then you get kicked out of MIIC. That's sometimes happens but let me do this. Yeah. Checking my password there and OK.

So, then going back to the report, it impossible, we'll just get this in again. It will give you that handy dandy error message if you don't put in the end date, generate the report. And then what you're going to see dropping down to the results. I left them on here because depending upon the date range it can kind of see what you're going to get from the results. When in here, doing an MMR all in the section, it only pulled back two reports or two records showing that information. Here when I did tried to run it on the hep group all of them it showed 0. And then we're running it again. Refreshing it here, it shows that there was 61 in the count. I do want to mention too in the groups that when you pull up COVID routine, you can specify the individual vaccination or vaccines that were used for the report if you would choose to. That's really going to go back to how your organization has set those up, if you have multiple ones that you want to pull in all of the information or if you're looking for a specific vaccine, be aware that you can do that. From there, then, when we go into the actual reports. We did already have one pulled. We're here it shows the history, and it lists the organization as well as organization name. One of the common questions that we end up with at the help desk is can you break it out by the actual provider or the person that administered the immunization? Unfortunately, we can't do that. We only because of how data is entered into MIIC, it doesn't necessarily tell us who the person is that administered the immunization. So, that's why we can't break it out in this report. You can, once you have the results here, I just did a filter and that allows you to filter it according to the type. Something to be aware of, especially if you're doing counts. And then it goes across. It pulls pretty much all of the information in MIIC that was actually entered into the immunization that we saw through Jenevera's presentation with the address, client city. We do have clients date of birth. And then age at the time of vaccination in case you need to do that information.

The other thing, one of the things that the help desk that we rely on is the MIIC ID. We use that consistently to pull up records, so that's helpful to know. And then jumping back to this report if there is a 0 like this report shows. That just means that you need to change the criteria of. You're up here, that you're trying to search because it's not pulling up. From there, I think that pretty much covers this report. I don't know if there are any questions that anyone has.

There is one. Can you reshow how to get to the vaccines given report stuff? Where that person is and everything.

Sure. You'll see this doesn't. Basically, when you log in and I don't have a splash page on those being that it's a test. You would go on to vaccination usage, and then go to vaccination given, and then it will pull this report up and if you haven't used it like, you won't see these reports here. This will be blank. And I don't. Because I don't use it as often, I think it stays out there for a duration so that you can still re-access the information. But then again, the groups and RSV. All of them are listed. So, did that answer the question do you think or?

Yep, looks like that answered it.

OK, good one other thing that I do wanna mention because I am listed as a typical user, my left-hand column might appear less because of my access for this role. So, just look for the basic vaccine usage header to access this report. It might be further down in the listing. But then what I'll do is I'll let you take back the screen.

All right, everybody, so that exclude that. I'm so sorry that concludes for today. So, now this is your chance to answer any other questions that you may have or to put out your questions and we'll be answering them as they come in.

We have a question here that says if the numbers in the vaccine summary seem lower than I would expect, cow can I change? How can I check to see if MIIC has all of my data? And I believe that one might be for you.

Sure, I would question how you're sending your data to know for sure, because if you're on boarded with us in our sending it electronically we do have a daily reporting that comes back to your organization that shows what you've uploaded and if there are any errors with those uploads. If you've done manual submissions, we can also go ahead and we can pull or help you to pull reports to see what is reporting in MIIC and what isn't. And kind of do a random audit to see if we have the information or not, or if they're both queries. Again, when those are submitted to us there's a way in the system to review those and see if there were any errors. So, depending upon how you submit, it gives us a different way that we can check to see if we've received the information and then go from there to solve the solution and get it corrected.

Awesome. And then one more question is how do I know if my organization submits data to MIIC electronically?

We can possibly help you with that or when you go back to the immunizations, and you look under. How it was submitted to us, it would say whether or not it was a electronically submitted.

I'll just say if you don't know for sure, I would just email the help desk with your organization code, and we can walk you through it. I most not most. People that are submitting data should know if their organization sentence it electronically. But if you just wanna know, just email the help desk with your org code health.miichelp@state.mn.us. That's the simplest way for us to track it down.

And that is all the questions that I've got no others have come in yet.

Right, everybody, let's go back and so for today, thank you all for attending. We really, really appreciate you coming to see our presentation. So, for now, we have posted the link to the CEU for this webinar. It should be in the chat Spring 2024 MIIC Webinar 3 Evaluation (https://survey.vovici.com/se/56206EE34B4808E5). If you have any questions that did not get answered at this session, please do not hesitate to send them to the MIIC help desk health.miichelp@sttae.mn.us. Please include your organization code so that we can better serve you and avoid, you know, unnecessary emails back and forth.

So, we have all the links that have been shown throughout the presentation Submitting and Exchanging Data with MIIC (www.health.state.mn.us/people/immunize/miic/data/index.html), MIIC Bulk Query Tool (PDF) (www.health.state.mn.us/people/immunize/miic/data/bulkquerytool.pdf, . When we do get this presentation uploaded to our user guide and training sites, we will be able to see all these links and they're also in the chat if you need to access them.

Alright. That concludes our presentation for the day. Thank you all so very much for coming and please come next week for our fourth and final presentation regarding how to improve immunizations throughout by using MIIC and that will be next Tuesday at 11:00 o'clock. Thank you so much and we'll stick around for a few minutes to see if any other questions come in until the end of the hour. If any, if any, come in, we will answer them as they come. Thank you so much.

There's a question. Don't. Not sure if it's actually a question more of a statement, so they use MIIC for employment data and they don't cover all childhood vaccines. That's the question might be how they would use MIIC with this employment vaccination stuff.

They'd have to use the bulk query process when they for the employment program. I haven't, I would say, just email the help desk and we can direct them. We can triage it from there.

Right. The employer's verification program actually requires that the employee give consent if they just pulling the vaccination information. That is currently being put on maintenance at the end of this month and it will be really available in the fall sometime. But yes, reaching out to the help desk would probably be the best for us, for that to get additional information. The biggest thing is probably the age of the employee and whether or not they're immunizations also were transferred into MIIC. Sometimes we don't have those records.

And then I have another one that just says how do they submit their records so their clients' records? I'm not sure if this is the part of the employee you want to. So, they're just wondering how they submit their records into MIIC.

It's the hard one. Without knowing how they enter data.

Reach out to MIIC.

Yeah, I would just email the helpdesk. We'd have to get more information from them.

Or this might be the case too something we've encountered on the help desk is some organizations don't wanna mix their employee vaccinations in the regular EHR. So again, yeah, reach out to the help desk and we can help you.

I can also put the find my immunization page because they can always direct their employees to that Find My Immunization Record (www.health.state.mn.us/people/immunize/miic/records.html).

Yeah, employees could submit the form to us, and we could update their immunizations.

I'll put that in there.

All right, everybody, we've reached the top of the hour. Thank you so much for coming. Please send us any questions to the MIIC help desk and come meet us for our next meeting next Tuesday at 11. Thank you so much.

Minnesota Department of Health
Minnesota Immunization Information Connection (MIIC)
health.miichelp@state.mn.us
www.health.state.mn.us/miic

5/14/24

To obtain this information in a different format, call: 651-201-5414.