

Add it to you.
I come out on Friday mornings.
But it's more or less it's a compile all of the updates in the standard discussion area.
And I send off a quick e-mail that says here's what happened in the last week, so you can take a look.
Sorry to respond to your question in the chat.
I'm not gonna have time on the call to go through every data quality issue from every site.
What we will do is we will set up one on one or one on one or we will do this already with sites, but we will set up one on one.
With sites, it's typically about an hour meeting up go through quickly that site data quality.
Check in in detail.
Maybe this is a story.
There's a lot of I'm talking about a lot of different things now, but.
So I guess that answer we're not going to go through all of the site data quality, but what I will try to do at least is go through ones that were overlapping between sites like things that I saw on a lot of sites.
That's that were missing essentially that are potentially large flaws for trying to do. The type of research on.
As long as you and you had your hand up.

Renee, Csan, N. 22:17
Yeah, sorry, this might be going back to when you said earlier, but this is we're still trying to get our data ready kind of to deliver.
We were under the impression that.
That each group kind of set needed to be by patient.
That's telling me that's no longer the case, that we can just deliver a whole table of all the patients?

Heathcliff, Jewel 22:20
For Normative.
For the other data types.
The other data types should be per patient organized, but group is a separate and I can maybe pull up quickly.
Rosenhal, Eric S, MD 22:52
Play

Heathcliff, Jewel 22:54
I can point you in the right direction on on that SCP.

Renee, Csan, N. 22:58
And when did that change?
Did that change recently?

Heathcliff, Jewel 23:00
I don't know when the SCP went out last summer, maybe.

Rosenhal, Eric S, MD 23:08
Yeah, I don't think that represents a change.

Heathcliff, Jewel 23:10
Yeah, I'll let it send this to you.

Renee, Csan, N. 23:16
Then we figured it around.

Heathcliff, Jewel 23:18
I don't remember where the SCP is, but maybe CIL.
Yeah, I don't know that that officially happened, but we can take a look or we can touch base offline.

Clement, Gillen 23:20
Yeah, that was a that was abundantly discussed and at office hour and it was several months ago.

Renee, Csan, N. 23:30
OK.

Clement, Gillen 23:30
So yeah, I'll agree with you.
Probably around Midsummer. Something like this.

Renee, Csan, N. 23:40
OK. Thanks.

Heathcliff, Jewel 23:54
OK, I can give you any one more thing, but I have.
I have forgotten it now.
Yes, so go back to what Dell had asked.

What I'm also doing in the last couple weeks is I updated the report package.
I'm sorry that's just not the right place. I'll show you quickly.
So here's a new version of our reports.

So I'll let it send this to the chat.
These reports get released.
After you deliver data, they kind of go through your data set.

They compare stuff with the merge.
They give you kind of a breakdown of quality and content and characterization and everything.
And I'm able to do this.

Actually it's kinda interesting.
This interface with now the data delivery method like the kind of the metadata that gets that gets created for this.
This dashboard kind of speed things up, but I will create one of those for all of the sites it does.

I'm dependent on an up-to-date. So what I've had to work, I think we're kind of at the point at the end now of this big wave of deliveries. And as now that I have them.
More or less finished. I think it sounds like there's maybe gonna be one or two more deliveries this week from maybe mgm and I'm not sure if somebody else is gonna put one in.
But once I have a merge that's fairly stable, then I'll run the process.

And one of the things that I don't like is it's expensive.
It will be well. Cool.

But if I can collect creation logic against the merge set.
And because I've segmented the merge set as I know for every row in the merge set, I can trace it to a specific site.
We can use the merge, we can collect generation, and then I can just point that cohort and exactly it's right.

I don't quite yet have enough to really by CCI types, but I'll get you that in a little bit.
But what you will want to be happy, here are the most common cohorts which you can think of as kind of like a.

I don't know a patient profile almost or somebody like a cohort of all diabetic patients or cohort of patients with sepsis admitted through the emergency room or whatever. It's going to be.
So these cohorts are about that in the report you also get a detailed list of all of the SDOs of them.

With your count of patients represented versus the count of the merge patients.
So there's some interesting kind of insights hopefully to be gained.

By reviewing that.
This view view doesn't have yet cohort views.

At some point I will upgrade to a newer version of Access that can provide some of that functionality, but we haven't haven't.
I haven't been able to make that transition yet.

So for now this is what we're working with.
OK, but we're just quickly here.

I'll find if you haven't seen this view, this is this is Ave.

I'll accept for a research exploration system.
I'm showing all the sites that we have currently in our Progenies database on Access.

So I can't see if that's the last report instance.
The counts in this data source view are slightly muted.

We're coming in high, when it looks like observation periods and events.
It also has some observation logic, if the counts are too small.

So these are kind of approximate counts.
I would.

I would take them as once we go into the specific person report it's it's more explicit.
So at the network level, we have this type of a view. We can quickly look at overview of quality.

Schermack, you see.
And this is it's already getting too noisy with so many sites, but the data quality dashboard, I've gone through it in some different office hours, but it has three categories of quality checks.

So it looks at the data complete?
Do they conform?

Observation constraints and is a data actually plausible? Like the dates appear when they should and do people have events before they're born or after they die? Stuff like that.
And then there are the three categories and what you see is that we're like, I mean, there's not as many checks in completeness, but it's general we're doing better on completeness and conformances and plausibility are we kind of the the areas.

To investigate.
And then if we come down here, we can actually look group across table and we can see which tables have the biggest issues.

To what?
You'll see.

And this is not really a fair comparison in my opinion, this this should be normalized because there are different numbers of checks per table.
So it's not really fair to say all measurements are terrible.

There's like SDO measurement checks for relative to maybe only 100 drug exposures or.
But all of the other kind of gives you some insight into which sites have issues in which in which.

Domains.
And as I like to say, those of you who accept this include will have access and can, like, start to investigate this application.

This is the population overview and I'm I'm sorry, I'm just kinda going quickly here areas and then I'll let you see the quality checks, but I think it's relevant to show you where stuff is as in like a brief introduction.

You can already also see some issues, right? I was looking at age at first observation. Maps seems to have patients that are -25 at the 1st, so they have either a date shifting problem that's that's potentially not affecting their.

Date of birth but it's affecting their age.

I don't know. Or there's other issues that there's also other MCH also has some negative data as well, I see.

And then we have patients that are very, very old.

And both right.
But maybe maybe he's in Illinois.

I don't know.
I think MCH is working on that as well.

And then we have collaborative observation.
And it seems like we have indeed this is one where we had like from 1900 was the 1st starting date.

And as it like SDO.
Out and that I wanted the future.

So there's a population overview that always shows you some insight into data quality.
Here you can actually see domain content at a kind of a high level.

And I'm measurement, so you can see that that we're pretty measurement domain dominant.
Followed, probably closely by observation and drugs. This is pretty typical for group sources that I have worked with.

Procedures are not limited, but that makes it in some sense where we talk about having.
A high small patient cohorts and in theory many more sites are limiting just to the sites that that.

That these patients are.
Encountering CCI.

And as you're maybe in a single visit, you're not having so many you're not undergoing so many procedures.
So yeah, that's your data strand reports.

And then there's our unexpected source reports.
This is what we've talked to you about. If you map things to O.

What the data is actually taking a look at.
Things that are mapped to zero and what the source value was that led to that mapping, and then it gives you the sources of the sites that actually are implicated in this.

So for instance we have here.
Sorry.

These sites so ethnic, actually really these sites ethnic and Data.
Have these unit source values that that are just simply unreported, like we know what they are, but they haven't been mapped.

So you can take a look at that as well as you go.
This does.

It is predicted on delivering source value fields though, so just a heads up that if you want to do that I would I would definitely check the source value fields to make sure that they contain only what you expect.
If you deliver data, but it's helpful to have a view or what things are not being reported.

In some extent, it and we'll go through this in more detail at the individual one-on-one.
And then the level below that, so not the network, but now we're at the level of individual sites, but across all the site releases.

So maybe the interesting one to show here is actually the merge.
So when you see this is actually a nice trend. We see that the population is growing.

The December deadline brought a lot of patients and there even in the last couple releases we are on a nice trajectory upward and the data quality is actually getting getting better. I should also say though.
The data quality at least in the merge.

I would be.
This is it's slightly under selling the number of issues the measurement table has gotten to be close to I wanna say 400 million or 500 million rows. The data quality checks can take a very long time, so I do some of the plausible unit.
Checks for the measurement table I have.

I have limited just to some time in.
But we can talk also more about that with your sites.

This middle category, sorry.
Does it contain the kind of longitudinal history of the release and like I think of course merge has the most releases, it has the most data.

It's it's interesting to see how it evolves.
Over time, and you can also look at data quality history where you can really see.

And you can see actually are the number of checks because we've removed the.
The checks related to plausible units have gone down considerably, like we've we've chopped them in half, but they make up a massive portion of the checks. They take a ton of time because each one is an A distinct query on a 500 million row database. So but.
Something to reflect that to improve it.
Also need to see you see that we did update the vocabulary.

Between.
May and.

May and December we also actually updated the data quality.
Version since then, so this also isn't really applies to us to apply here, but.

Still interesting to see and you have this for each site, right?
You can go and take a look at the the checks and per table and how they've evolved and what your logic changes do.

So there's some interesting information as you have I'll show more releases in the one.
And then you get to where the most of the information is, and that's actually at the release level.

So right now we're looking at this is 18th latest release, but I can take a quick look. I have not even looked at the merge release yet since I ran this morning.
This is what it's looking at. (G) know.

Maybe I can prove just quickly.
So, Eric, we're gonna probably. That's and up looking together this year of birth.

I think we're gonna do something with the metric dates of birth.
I'm not exactly sure what.

But then the ethnicity.
I know, Eric, you had some concerns that ethnicity proportion of of Hispanic was was far lower.

Then what you would have expected.
I don't know.

I know that there are a few sites that are not mapping this.

Rosenhal, Eric S, MD 20:10
Yeah.

Heathcliff, Jewel 20:10
You see this orange bit is.

Is unknown or something concept, which means it's it's either mapped to O.
I guess O is unknown.

Sorry, so the green is O and then.
Orange is just you map it to something that doesn't exist.

Yeah, I don't know if you have any other thoughts or wanna explain further on that, Eric.
Sorry, I forgot to ask.

Rosenhal, Eric S, MD 20:43
You're an orange.

Yeah, like you know, our hospitals are in generally urban locations and I know that some are in areas that you know have different demographics than others.
But I just thought that we would expect to see 50%.

Maybe you know 20% Hispanic population, so is that?

What I want was the number that you saw five or was it greater than that?

Heathcliff, Jewel 20:43
This is like Eric is now even lower.



