ReportStream Sender Onboarding Kick-off Toolkit

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1. Welcome

Estimated Time: 14 seconds

Transcript: Hello and welcome to ReportStream Sender Onboarding Kickoff. In today's lesson, you'll learn about the process for onboarding as an API sender to ReportStream. Let's get started.

2. PRIME Overview

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Transcript: ReportStream started as a pilot created under the overall project called PRIME. PRIME is an acronym that stands for Pandemic-Ready Interoperability Modernization Effort. PRIME is a multi-year collaboration between the CDC and the U.S. Digital Service (also known as USDS).

The purpose for this collaboration is to strengthen data quality and information technology systems in state and local health departments. Today's kickoff is geared towards onboarding a ReportStream data sender. However, we'll briefly mention our sister product, SimpleReport, in a few slides to explain how we all work together to support data senders under the overall PRIME mission.

3. PRIME Mission Statement

Estimated Time: 11 seconds

Transcript: And what is the mission statement of PRIME? To get better, faster, complete and accurate data to state and local public health departments so that they can take appropriate timely action.

4. Data Modernization Initiative (DMI)

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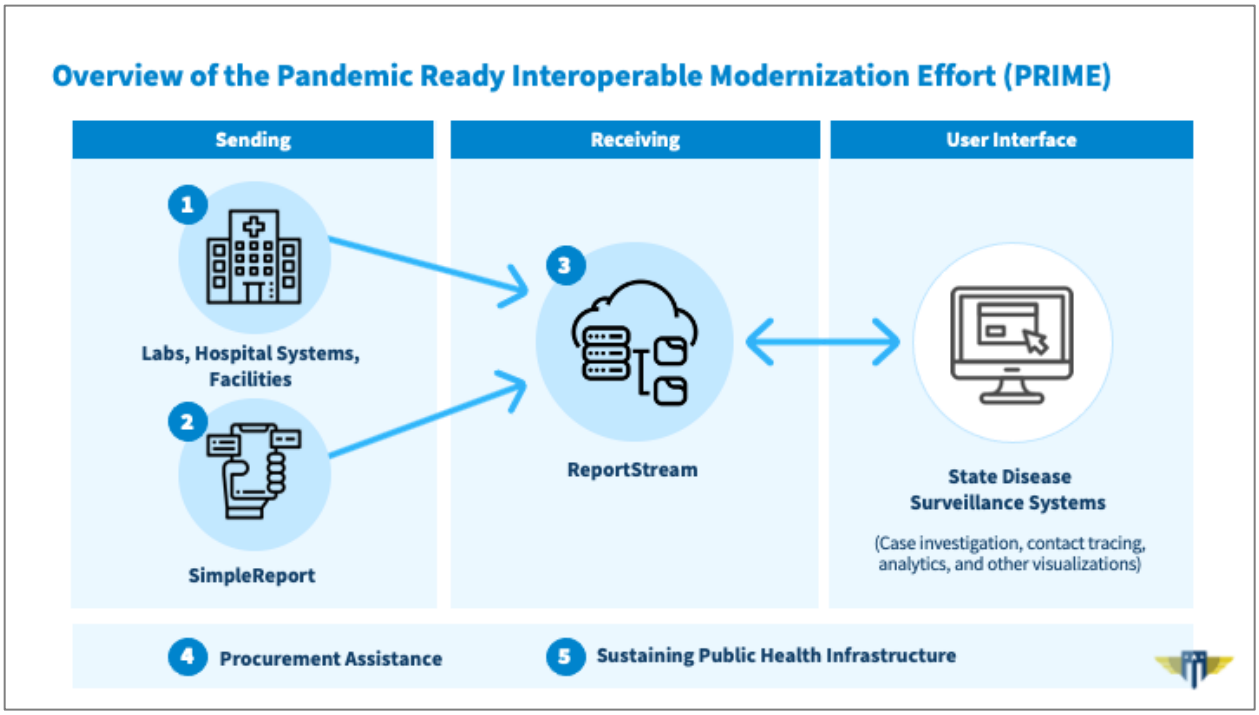
Transcript: And why does that matter? Because PRIME is part of CDC's roadmap that supports its Data Modernization Initiative (also known as DMI). Since ReportStream is part of PRIME, the work ReportStream does today with data senders (like yourself) and receivers (such as the jurisdictions you're reporting to), allows us to learn from this current pandemic so we can help CDC to ultimately create modern, integrated, and real-time public health data and surveillance that can protect us from any future health threat.

CDC has invested heavily in modernizing their technology. And that's not letting up anytime soon. And, excitedly, ReportStream is continuing to evolve with those efforts as a free and open source option to all.

5. ReportStream and SimpleReport Under PRIME



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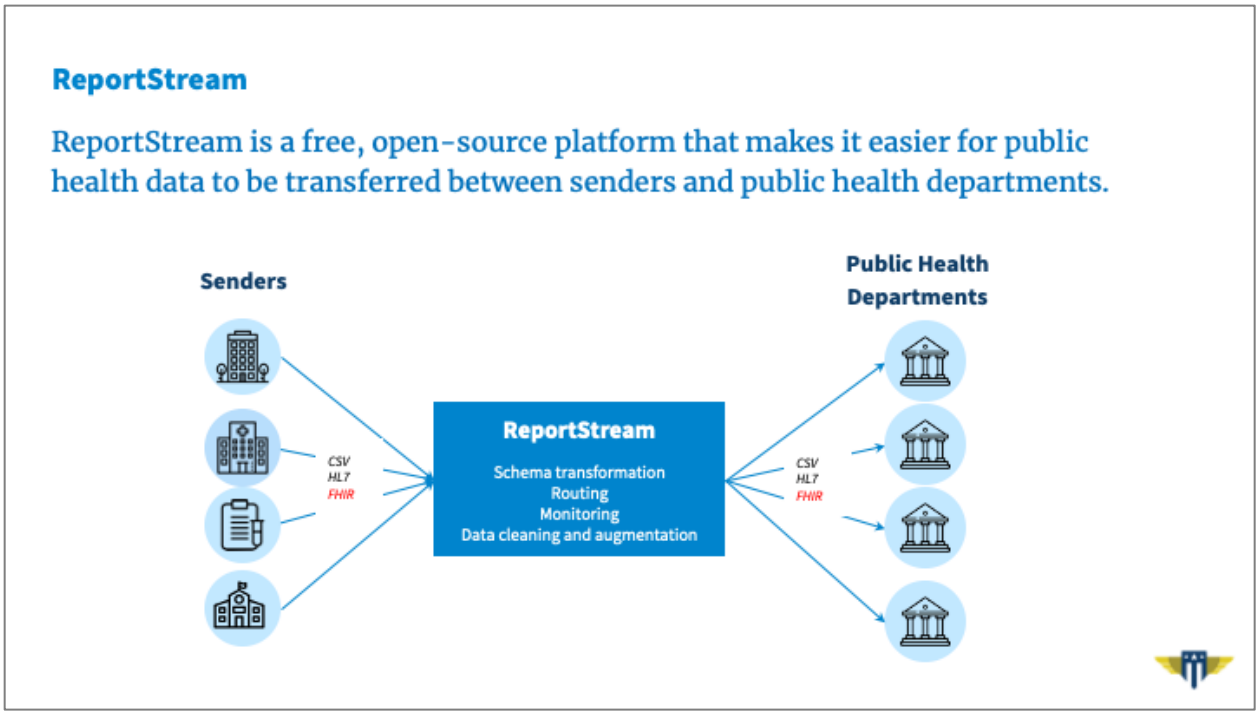
Transcript: This diagram provides a high-level overview of PRIME. I'll draw your attention to 1, 2, and 3.

We have data senders, such as yourself over here on the left.

We also have SimpleReport, our sister product. They support point-of-care facilities, such as schools, prisons, mom-and-pop shops, and organizations that have not traditionally had to report data before this pandemic. They have the need to manually enter data, and SimpleReport has the ability to support them with that.

We have ReportStream that sits in the middle. We route the data that gets sent by senders. It gets ingested through ReportStream, and we pass that on through to the receivers. We'll go over ReportStream a little bit more on the next slide.

6. ReportStream Data Senders and Receivers



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Transcript: So what actually is ReportStream? ReportStream is a free, open source platform that makes it easier for public health data to be transferred between senders and public health departments.

Some of the benefits of connecting to ReportStream are as follows:

- For one, ReportStream is 100% free.
- As a data sender to ReportStream, you can send your file in CSV or HL7 format. *We do have FHIR in the works, in the near future. However, it's not currently available at this time.*

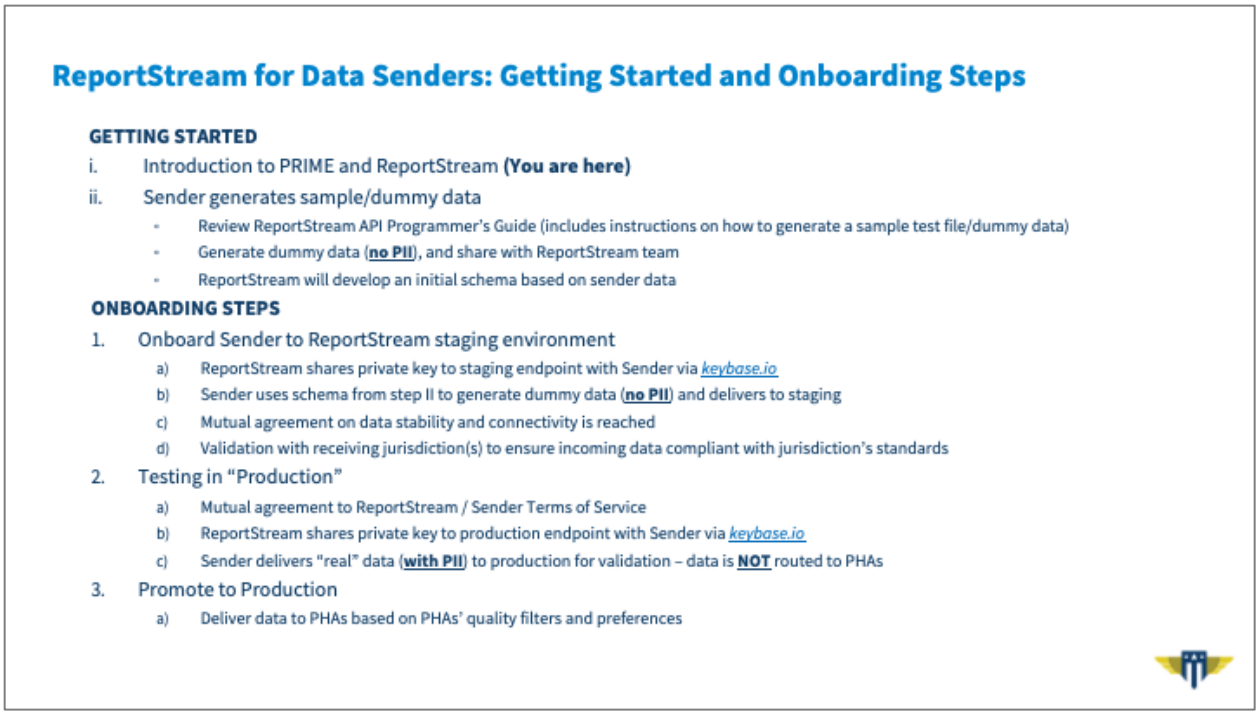
ReportStream handles the schema transformation, any routing or monitoring that's necessary, data cleanup and augmentation to make sure that it fits the schemas that are necessary for those states that we're sending the data on to.

On the Public Health Department side, they can receive files in CSV or HL7 format, although most would prefer HL7. And then again, with FHIR being available in the near

future, should your jurisdiction want to use fire to receive data, that option will be available for them at that time.

Not pictured here, we do route data to HHS protect and to the state and local public health authorities. In the case that we're not yet connected to any of those places, ReportStream will route the sender data on to HHS protect. However, it's the data senders responsibility to make sure that the right data is being submitted for the right receivers should they not be directly connected to ReportStream.

7.Getting Started and Onboarding



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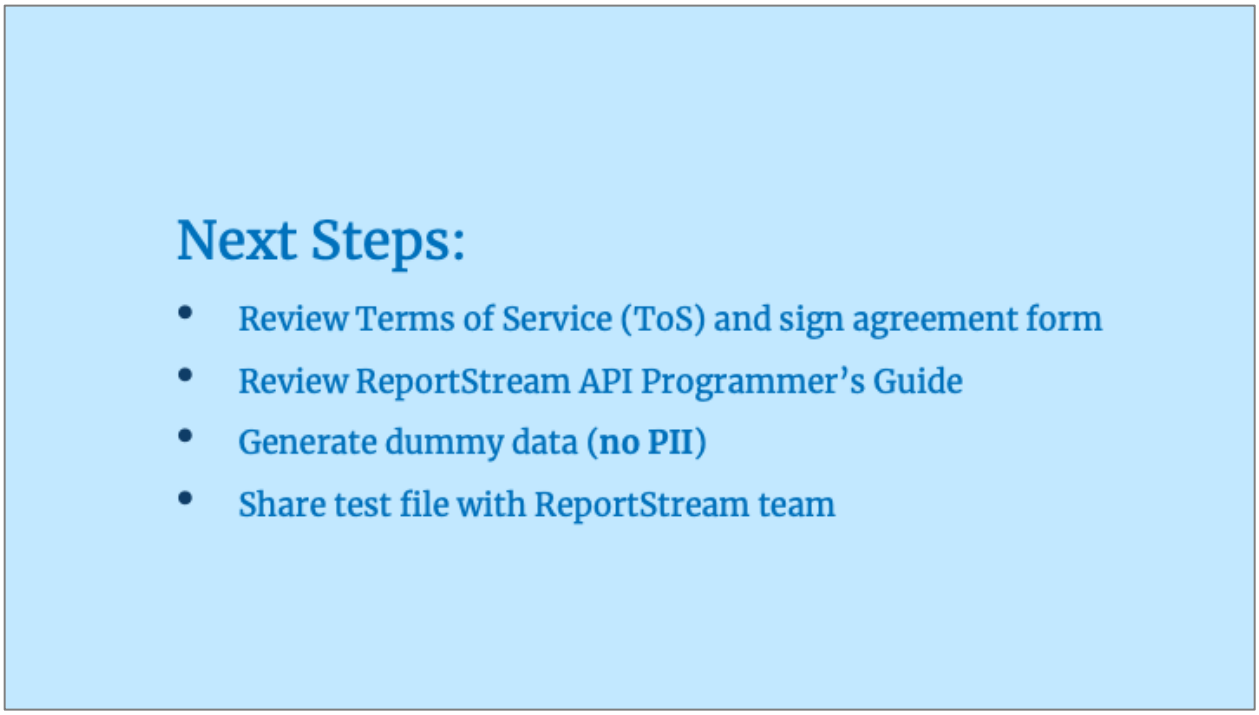
Transcript: On this slide, we provide a brief overview of how to get started and the onboarding steps for all data centers who are interested in connecting to ReportStream.

8. Next Steps



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Transcript:

Next steps:

- If you haven't done so already, please review the Terms of Service and sign the terms of service agreement form.
- Then we'll have you review ReportStream's API programmer's guide.
- Within the guide, you'll be given instructions on how to generate dummy data.
- Once you've learned how to generate dummy data with no PII, we'll ask you to share that test file with the ReportStream team.
- Then, the ReportStream team will begin validating your test files and that is when your onboarding process has officially begun.

9. Appendix

Sender onboarding resources and links:

FHIR: https://www.hl7.org/fhir/overview.html

Keybase: https://keybase.io/

ReportStream API Programmer's Guide:
https://reportstream.cdc.gov/resources/programmers-guide

ReportStream Terms of Service (ToS): https://reportstream.cdc.gov/terms-of-service/

ReportStream ToS Agreement Form: https://reportstream.cdc.gov/sign-tos

Other CDC PRIME resources and links:

CDC DMI: https://www.cdc.gov/surveillance/projects/dmi-initiative/index.html

CDC PRIME: https://www.cdc.gov/surveillance/projects/pandemic-ready-it-systems.html

SimpleReport: https://www.simplereport.gov/

U.S. Digital Service (USDS): https://www.usds.gov/