



CALL TO ACTION: INVESTING IN BIPOC LEADERSHIP

Detroit Health Department
HIV/STI Division
Detroit, Michigan

Isabella Warmbrunn, MS
Data Analyst (she/hers)

The Detroit Health Department HIV Data Dashboard: Implementation and Execution



Background on the Detroit Health Department

- The Detroit Health Department funds sub-recipients for Part A (including MAI) and Ending the HIV Epidemic (EHE) grants to provide medical and supportive services to people living with HIV in Detroit and the Eligible Metropolitan Area (EMA).
- The EMA includes the city of Detroit and 6 neighboring counties
- **13** agencies (sub-recipients) are funded to provide Part A services
 - **5** of these agencies are also funded to provide MAI services
 - **8** of these agencies are also funded to provide EHE services



Background on Data Analyst Duties

- Client data is tracked using CAREWare for local and federal reporting purposes.
- The data analyst assists agency staff with data cleaning and reporting needs.
- Part A agencies receive a quarterly data handout on performance that is compiled only for internal use.



HIV Data Dashboard Objective

Problem:

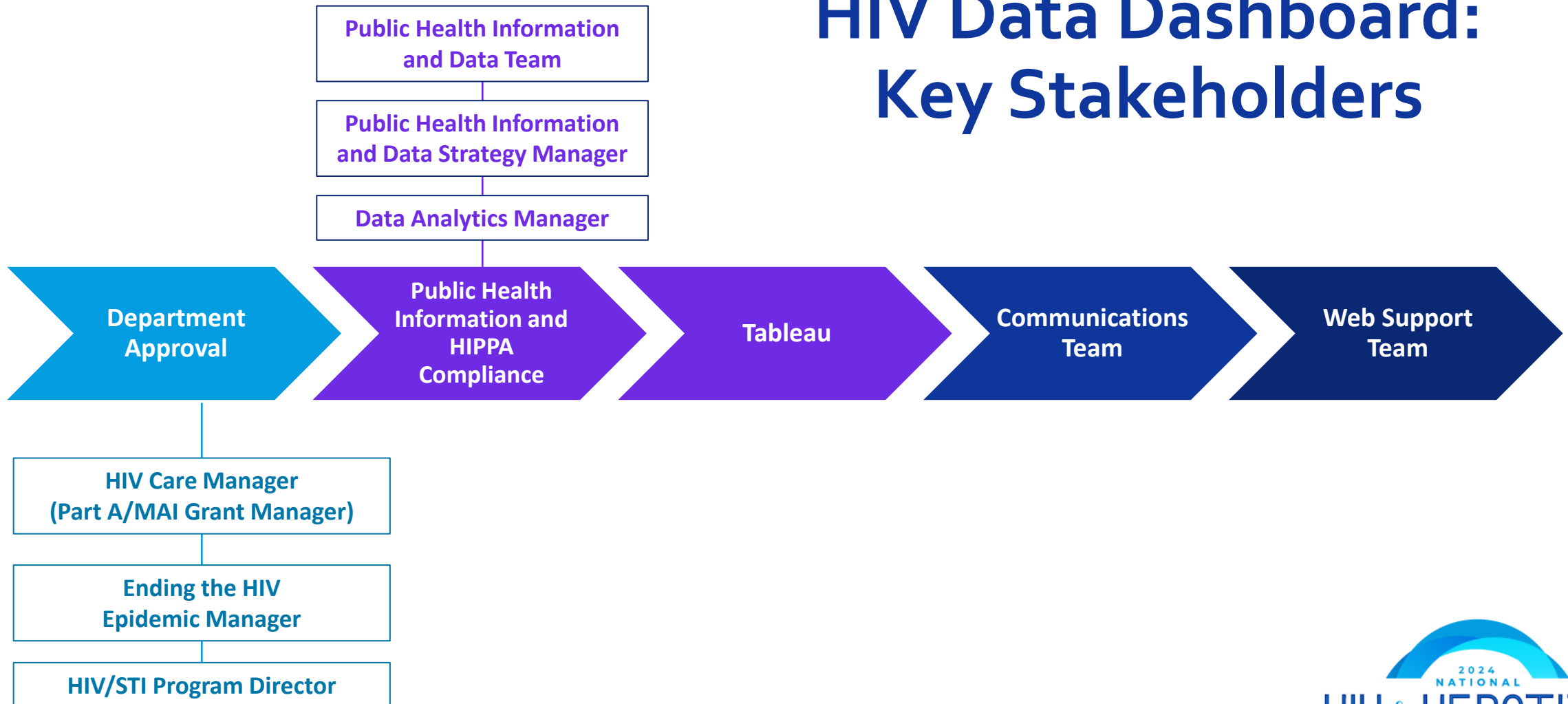
No externally facing data on Part A/MAI and EHE client outcomes.

Solution:

Create a Part A/MAI and EHE data dashboard displaying overall client demographics and HIV Care Continuum. (In Care, Viral Load Suppression and Maintained Viral Load Suppression.)



HIV Data Dashboard: Key Stakeholders



HIV Data Dashboard: Planning

- **Costs Associated**
 - Tableau license (funded through Detroit Health Department)
- Utilized annual CAREWare data for Part A/MAI and EHE clients (financial and custom reports)
 - Demographic data of clients served by funding source
 - HIV Care Continuum of clients served by funding source
- Aggregated data in Excel files to be imported and visualized in Tableau



HIV Data Dashboard: Timeline

- **August 2022:** Presented the idea to the HIV Care Manager for input
- **February 2023:** Met with the Public Health Information and Data Team and HIV/STI Division Leadership about creating the HIV Data Dashboard
- **May 2023:** Compiled 2021-2022 data for Part A/MAI and EHE client dashboards
- **June 2023:** Tableau licensing issues resulted in pausing HIV Data Dashboard
- **February 2024:** Imported 2023 data for Part A/MAI and EHE clients into Tableau via Microsoft Excel
- **March – April 2024:** Made formatting and visualization edits in Tableau
- **May 2024:** Received departmental approval for both dashboards
- **July 2024:** Received Communications approval and HIV Data Dashboards were embedded in two locations on the Detroit Health Department website (HIV Program landing page and EHE homepage)



HIV Data Dashboard: QR Codes



**Ending the HIV Epidemic (EHE)
Data Dashboard**



Part A/MAI Data Dashboard



Challenges and Successes

Challenges:

- Lengthy process of internal approvals
- Tableau licensing delays and formatting difficulties in mobile view

Successes:

- Externally facing dashboards are now live
- Improved coordination across teams.



Detroit Health Department: Data Dashboard – Demographics Data



Detroit Health Department HIV/STI Division Part A/MAI Data Dashboard

Ryan White Part A and MAI

Year Filter

- (All)
- (All)
- 2020
- 2021
- 2022
- 2023

View Ending the HIV Epidemic



To alternate views between the Ryan White Part A and MAI

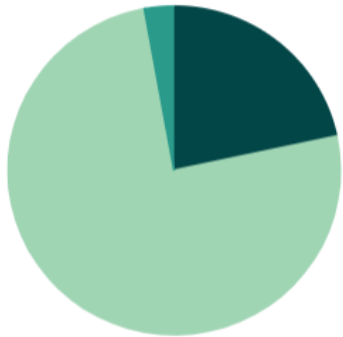
epidemic Dashboards, you can click on the buttons above

Race of Clients Served

Gender of Clients Served



- Race Legend**
- Black or African American
 - Hispanic
 - More than one race
 - Some Other Race
 - White (non-Hispanic)



- Gender Legend**
- Female
 - Male
 - Transgender

Race and Gender: We aim to be inclusive of all individuals. However, to ensure the confidentiality of our clients' information, we've combined certain values with low representation. For instance, 'Transgender Female to Male' and 'Transgender Male to Female' have been consolidated into 'Transgender.' Some Other Race includes individuals who identify as Asian, American Indian/Alaska Native, Pacific Islander or were race was not specified.



Detroit Health Department: Data Dashboard – HIV Care Continuum Data

14,558
Clients in Care

6,867
Clients MVLS
(Maintained Viral Load Suppression)

12,538
Clients VLS
(Viral Load Suppression)

Part A and MAI Cascade Descriptions

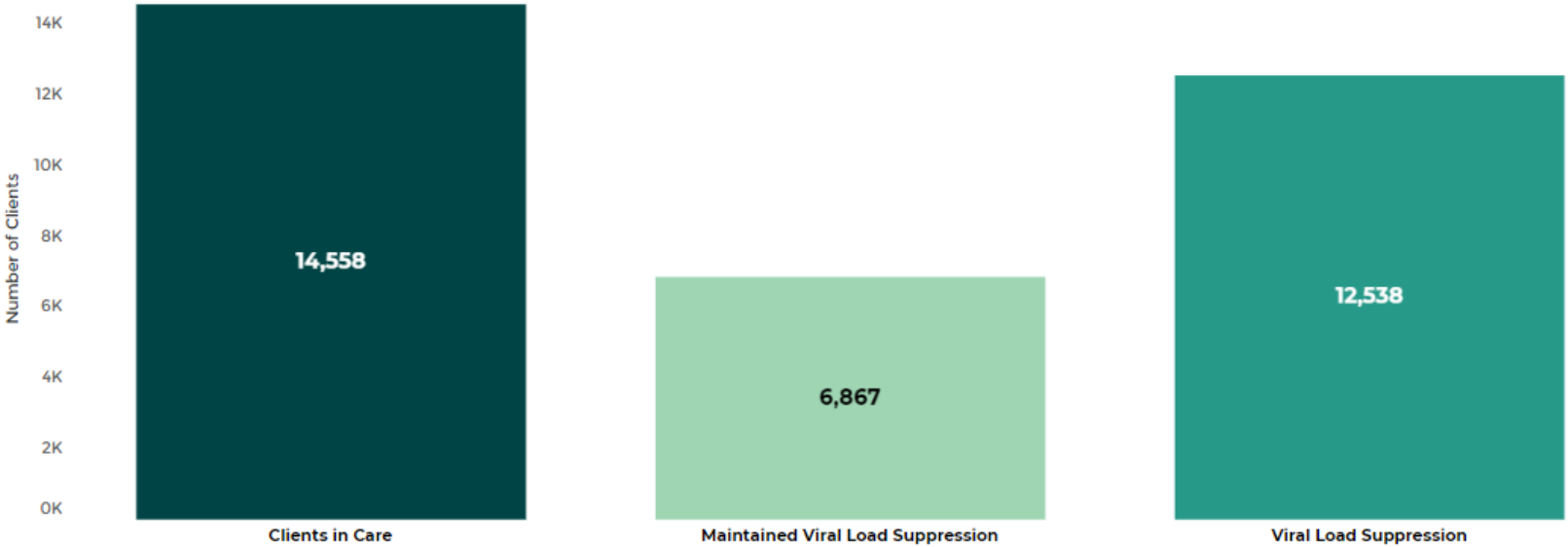
Clients Served: Includes any client (person living with HIV/AIDS) who has had a Part A or MAI service at a funded subrecipient in the calendar year

Detroit Health Department Quality Cascade (In Care Bar): This includes individuals who had at least one Part A/MAI service and a medical visit during the measurement year
A medical visit could be a viral load, CD4 lab or primary care visit (Outpatient Ambulatory Health Services, OAHS)

Detroit Health Department Quality Cascade (Viral Suppression Bar): This includes individuals who had at least one Part A/MAI service and viral load less than 200 copies/ml during the measurement year

Detroit Health Department Quality Cascade (MVLS): This includes individuals who had at least one Part A/MAI service, at least two viral load labs during the measurement year at least 90 days apart, and all viral load results during the year were suppressed (≤ 200 copies/mL) during the measurement year

Cascade Data



Source: CAREWare



Next Steps

- Next steps include improving mobile view formatting, adding more data to the dashboards, and exploring other HIV/STI visualizations in Tableau.
- Potential partnership with the Michigan Department of Health and Human Services (MDHHS) to create a third dashboard



Contact Information

Isabella Warmbrunn (she/hers)
Data Analyst, Detroit Health Department, HIV/STI Division

Email: isabella.warmbrunn@detroitmi.gov

Phone: 313-701-8165

