



Benchmarking and Data Dashboards for the Ryan White HIV/AIDS Program

2020 National Ryan White Conference on HIV Care and Treatment

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Vision: Healthy Communities, Healthy People



Health Resources and Services Administration (HRSA) Overview

- Supports more than 90 programs that provide health care to people who are geographically isolated, economically or medically vulnerable through grants and cooperative agreements to more than 3,000 awardees, including community and faith-based organizations, colleges and universities, hospitals, state, local, and tribal governments, and private entities
- Every year, HRSA programs serve tens of millions of people, including people with HIV/AIDS, pregnant women, mothers and their families, and those otherwise unable to access quality health care





HRSA's HIV/AIDS Bureau (HAB) Vision and Mission

Vision

Optimal HIV/AIDS care and treatment for all.

Mission

Provide leadership and resources to assure access to and retention in high quality, integrated care, and treatment services for vulnerable people with HIV/AIDS and their families.





HRSA's Ryan White HIV/AIDS Program

- Provides comprehensive system of HIV primary medical care, medications, and essential support services for low-income people with HIV
 - More than half of people with diagnosed HIV in the United States nearly 519,000 people receive care through the Ryan White HIV/AIDS Program (RWHAP)
- Funds grants to states, cities/counties, and local community based organizations
 - Recipients determine service delivery and funding priorities based on local needs and planning process
- Payor of last resort statutory provision: RWHAP funds may not be used for services if another state or federal payer is available
- 87.1% of Ryan White HIV/AIDS Program clients were virally suppressed in 2018, exceeding national average of 62.7%





Agenda

- Ryan White HIV/AIDS Program (RWHAP) data dissemination
- New dissemination product for 2021:
 - Interactive data visualization platform (data dashboards) with access limited to providers, recipients, and HAB Project Officers
 - Data dashboards for public access
- Next steps/how you can shape the final product





Benchmark and Dissemination Team

- Division of Policy and Data
 - Demetrios Psihopaidas
 - Pamela Klein
 - Stacy Cohen
 - Nicole Chavis
 - Natha Bakayoko
 - Paul Mandsager
- HRSA Office of Information Technology
 - Romil Kinariwala
 - Seth Marcus





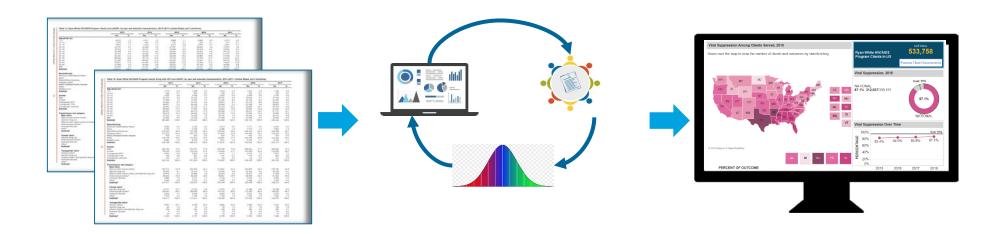
Current RWHAP Data Dissemination Products

- HRSA Ryan White HIV/AIDS Program Annual Client-Level Data Report, 2016
 (https://hab.hrsa.gov/sites/default/files/hab/data/datareports/RWHAP-annual-client-level-data-report-2016.pdf)
- Slide Decks (https://hab.hrsa.gov/data/data-reports)
 - Clients Served by the Ryan White HIV/AIDS Program, 2016
 - Ryan White HIV/AIDS Program Client Populations and Outcomes
 - ✓ Viral Suppression, Race/Ethnicity, Youth and Young Adults, HIV Infection Attributed to Injection Drug Use, Transgender, Men who have Sex with Men (MSM), and Women
- State Profiles (https://hab.hrsa.gov/stateprofiles2015/#/)





Transforming static reports into interactive visualizations



Benchmarking and Disseminating Ryan White HIV/AIDS Program (RWHAP) Care and Treatment Data

2018 - 2023





Purpose of Project

- Refine, test, and implement a benchmarking methodology
 - To allow for like-comparisons (riskadjusted) between recipients and providers
- Develop and implement a multi-phased approach of an interactive data visualization platform (dashboards)
 - To disseminate HRSA RWHAP Service Provider Site, Recipient, EMA/TGA, State and National RWHAP
- Engage stakeholder at all stages
 - To inform product development and maximize impact of dashboards and benchmarking

goals providers national Support RWHAP reaching

- Visualize key indicators of viral suppression and retention in care
- Encourage data exploration and datadriven decision-making
- > Permit likecomparisons
- > Track progress toward goals

ingage key stakeholders at all stages of development

- > Agile development cycles
- > National conferences
- > Regional meetings
- > Training webinars
- > Usability testing
- > Diverse stakeholder steering committees



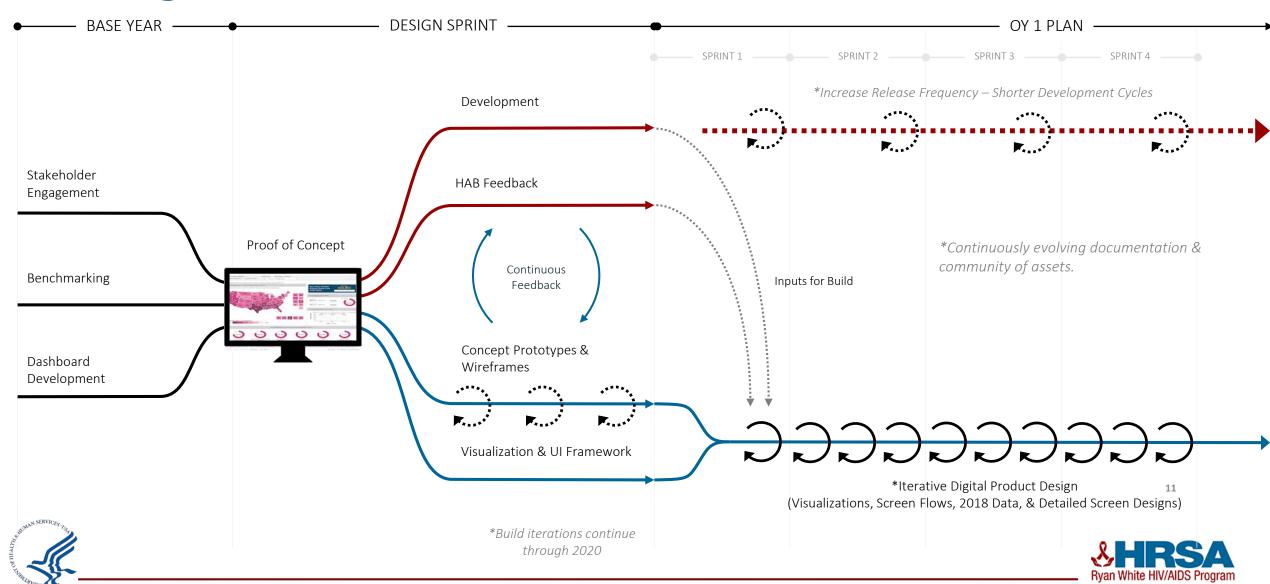


Dashboard Design Overview





Design Process



TELLING THE STORY

Information in 68 RSR annual report tables integrated across 9 interactive dashboards

Visual Vocabulary – leverage full spectrum of tableau's capabilities

Priority Populations helped us tell a more compelling story and reframe the data

INCORPORATING FEEDBACK

User workshops – Comparisons of EMA/TGA, States, and National views are important to PO's and HRSA stakeholders

Benchmarking - How do we create a meaningful use of the standardized data alongside the observed data? - Provide a performance snapshot for users

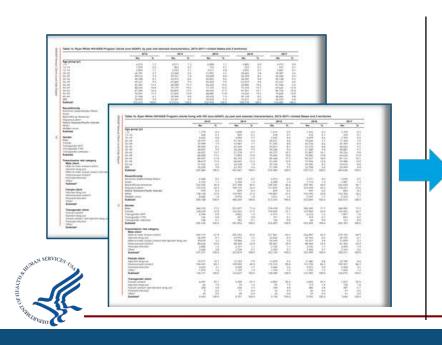
LIVING THE BROADER CONTEXT

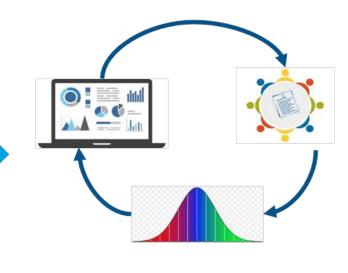
Each dashboard provides filtering and customization – this isn't one story, it's thousands of stories

Each data point is a person, a life, a story

Embraced 21st Century IDEAS Act for colors, accessibility, and design standards

Framing the data with the EHE in mind







As we look ahead...

- The role of data in decision making has come to the forefront of the national conversation
- Find ways to promote viral suppression
- Integration of additional RWHAP data
- Expansion of recipient-level benchmarking to the Public Access Dashboard (PAD)



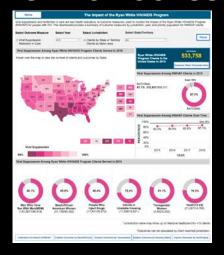


Dashboard Walkthrough



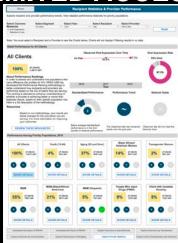


PUBLIC ACCESS



- Accessible to the public
- Dashboards describe the reach and impact of RWHAP and focus on priority population outcomes





- Role-based, password protected, and limited access login for HAB staff, project officers, recipients, and grantees
- Additional dashboards included for Benchmarking analysis, Recipient and Provider detailed views,
 Data Analysis Sandbox







Memoral de faut de la faut de la



Understand the Impact of the RWHAP



Explore Health Disparities by Race/Ethnicity in RWHAP







Transmission Categories Across Population Groups in RWHAP

Unstable Housing in the RWHAP

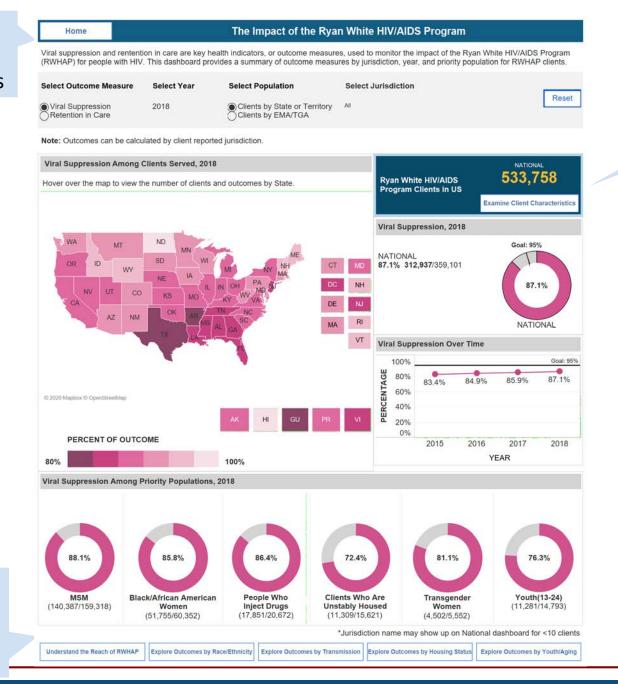
Youth and Aging in the RWHAP



"Home" link to main landing view with all dashboards

National View for Viral Suppression

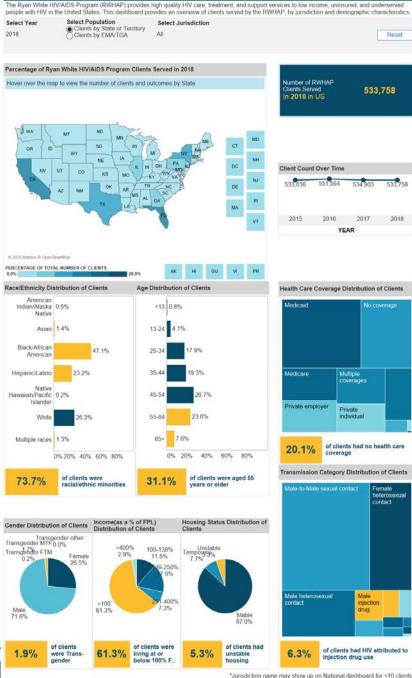
Navigation bar allows users to go to other dashboards



Link to Client Characteristics



Understand the Reach of the Ryan White **HIV/AIDS Program**



Understand the Reach of the Ryan White HIV/AIDS Program





Disparities by **Among Ryan** White HIV/AIDS **Program Clients**



outcomes by race/ethnicity.

DEFINE POPULATION

Ryan White HIV/AIDS Program Client Outcomes by Race/Ethnicity

Select Population

Clients by State or Territory Clients by EMA/TGA

Select Jurisdiction

Reset

Compare Viral Suppression and/or Retention in Care outcomes for RWHAP clients by race/ethnicity. Highlight specific populations to further compare client

Select Outcome Measure Select Year



Priority Populations

>Transmission Risk Category
Housing Status
Youth and Aging



Hom

Transmission Risk Categories Among Ryan White HIV/AIDS Program Clients

Explore the relationship between Ryan White HIV/AIDS Program (RWHAP) client transmission category and outcome measures



Note: Transmission category is gender-specific.







Understand the Reach of RWHAP | Explore Outcomes by Race/Ethnicity | Explore Outcomes by Housing Status | Explore Outcomes by Youth/Aging

Priority Populations

Transmission Risk Category >Housing Status **Youth and Aging**



Ryan White HIV/AIDS Program Client Housing Status





Priority Populations

Transmission Risk Category Housing Status >Youth and Aging

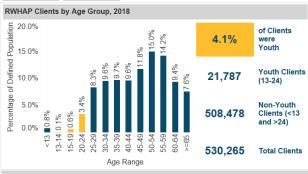


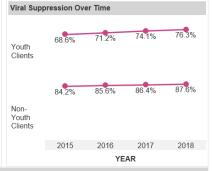
Ryan White HIV/AIDS Program Client Outcomes by Youth and Aging Explore the outcomes and client characteristics for youth and older adult clients in the Ryan White HIV/AIDS Program (RWHAP)

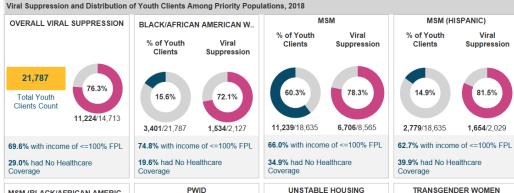
Select Outcome Measure Select Year Select Population Select Jurisdiction Viral Suppression Clients by State or Territory All DEFINE POPU-Reset Clients by EMA/TGA LATION Select Gender Select Race/Ethnicity

Note: Charts will not display if selected filters result in no data

Aging (>=50)

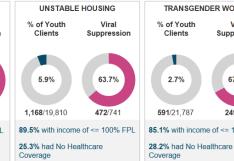


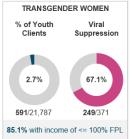




ISM (BLACK/AFRICAN AMERIC		PWID	
% of Youth Clients	Viral Suppression	% of Youth Clients	Viral Suppressi
35.3%	74.8%	1.0%	67.9%
6,569 /18,635	3,846 /5,139	178 /18,635	74 /109
8.6% with income of <=100% FPL		89.6% with income of <=100% F	
6.2% had No Healthcare		21.1% had No Healthcare	

Coverage





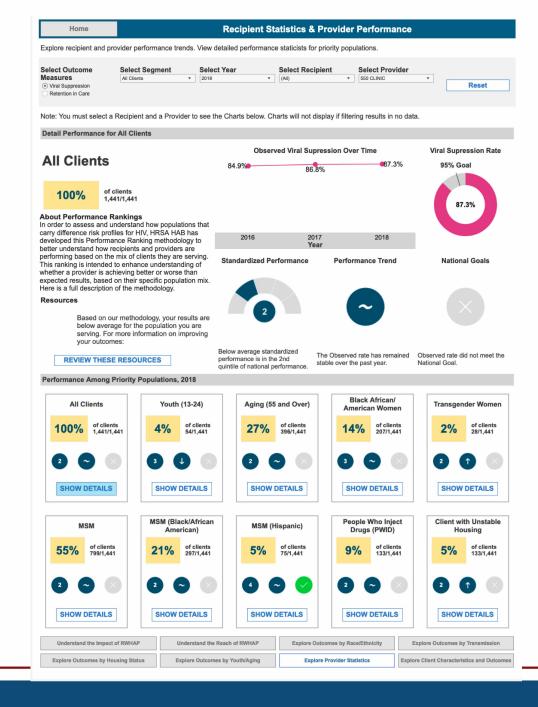


*Jurisdiction name may show up on National dashboard for <10 clients

Coverage

Examine Provider Performance

Benchmarking Data







Recipient Statistics & Provider Performance

Recipient & Providers Deep Dive

Ayailable on LAD ONLY





Contact Information

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