

Brief Summary

Annual Viral Load Protocol Report for

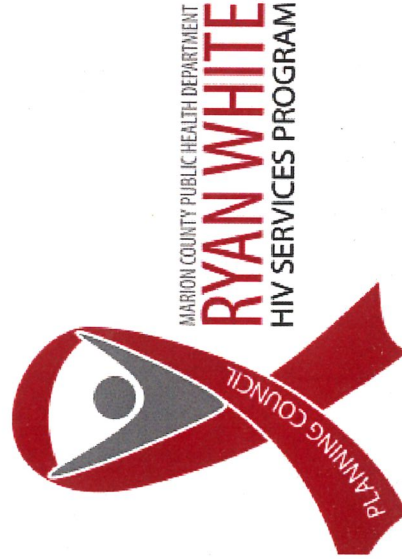
the Ryan White/HIV Services Program,

Indy TGA: CY 2018

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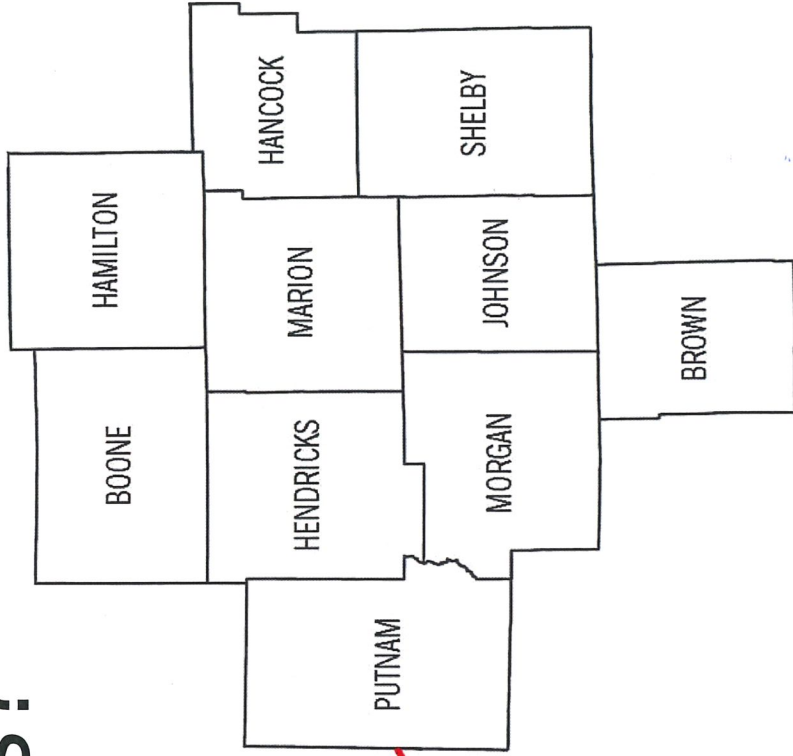
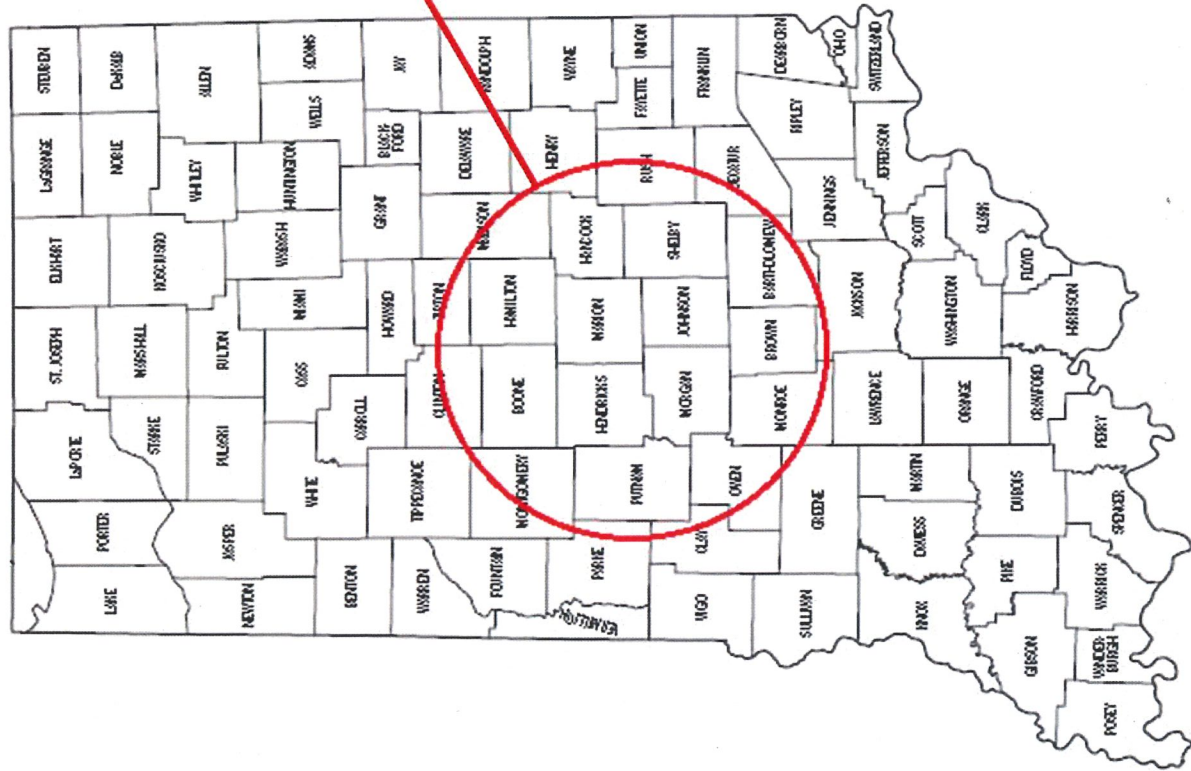


Prevent. Promote. Protect

Objectives

- To define the viral load analysis area and population
- To explain why we evaluate community viral load
- To explain why we used the chosen method
- To identify disparities in viral load within the Indianapolis transitional grant area (TGA)

What area and population were included in the viral load analysis?



4,589 HIV-positive TGA residents who received HIV-related medical care at least once were included in the analysis

Why do we evaluate community viral load?

- Viral load suppression is the ultimate measure of health for individuals living with HIV ¹
- Comparing viral load results over time or between groups requires evaluation of community viral load (CVL) – an average of all viral load results taken from among those in the populations compared
- CVL analysis is important in identifying disparities in HIV care outcomes

Why did we use the selected method of analysis?

- The methodology used was recommended by the Centers for Disease Control and Prevention (CDC) ²
 - Use of viral load standardization and geometric versus arithmetic mean normalizes data and tightens confidence intervals.
 - This helps to reduce the influence of outlying values such as extremely high viral load seen in those newly infected
 - *It is important to realize that geometric mean is a much lower number than a true viral load result*

Why did we use the selected method of analysis?

- Because HIV viral load varies widely from person to person and group to group, and because labs are not consistent in their instrumentation and reporting, viral load results were standardized and evaluated in a manner that helped ensure that statistically significant comparisons could be made

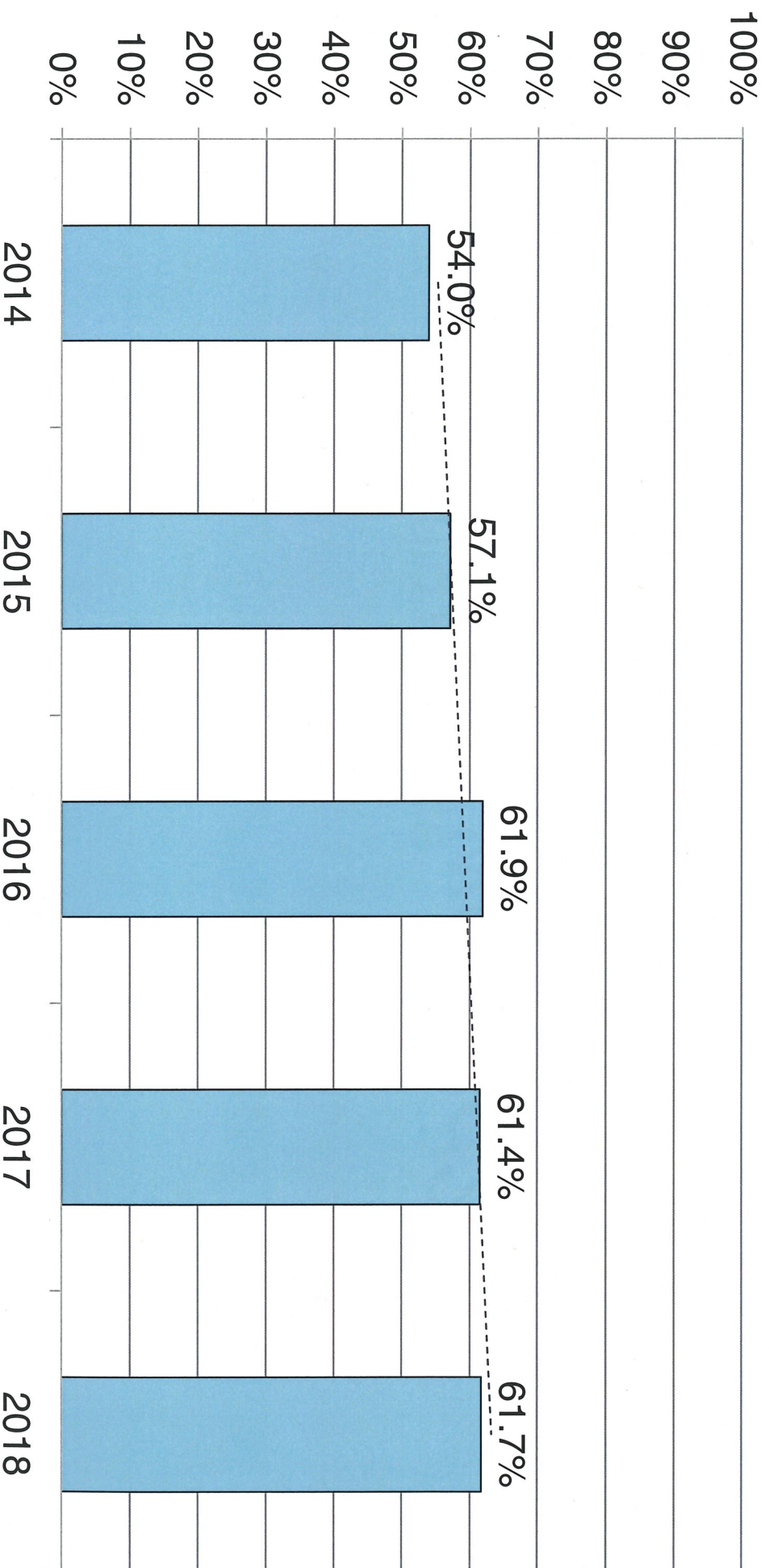
What did we find?



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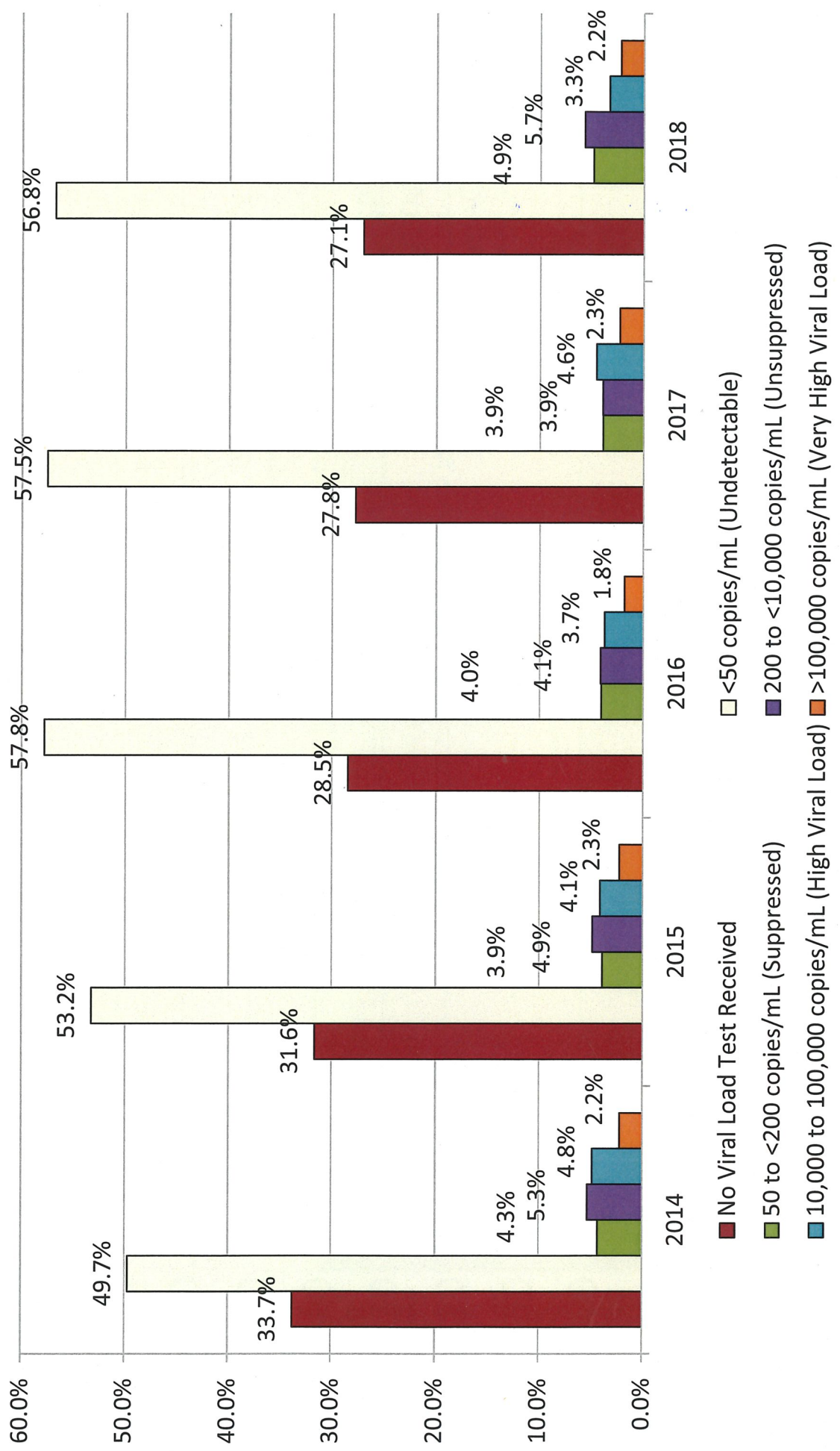
Viral load suppression (%) has increased in the TGA since 2014

Viral Suppression (diagnosis based)

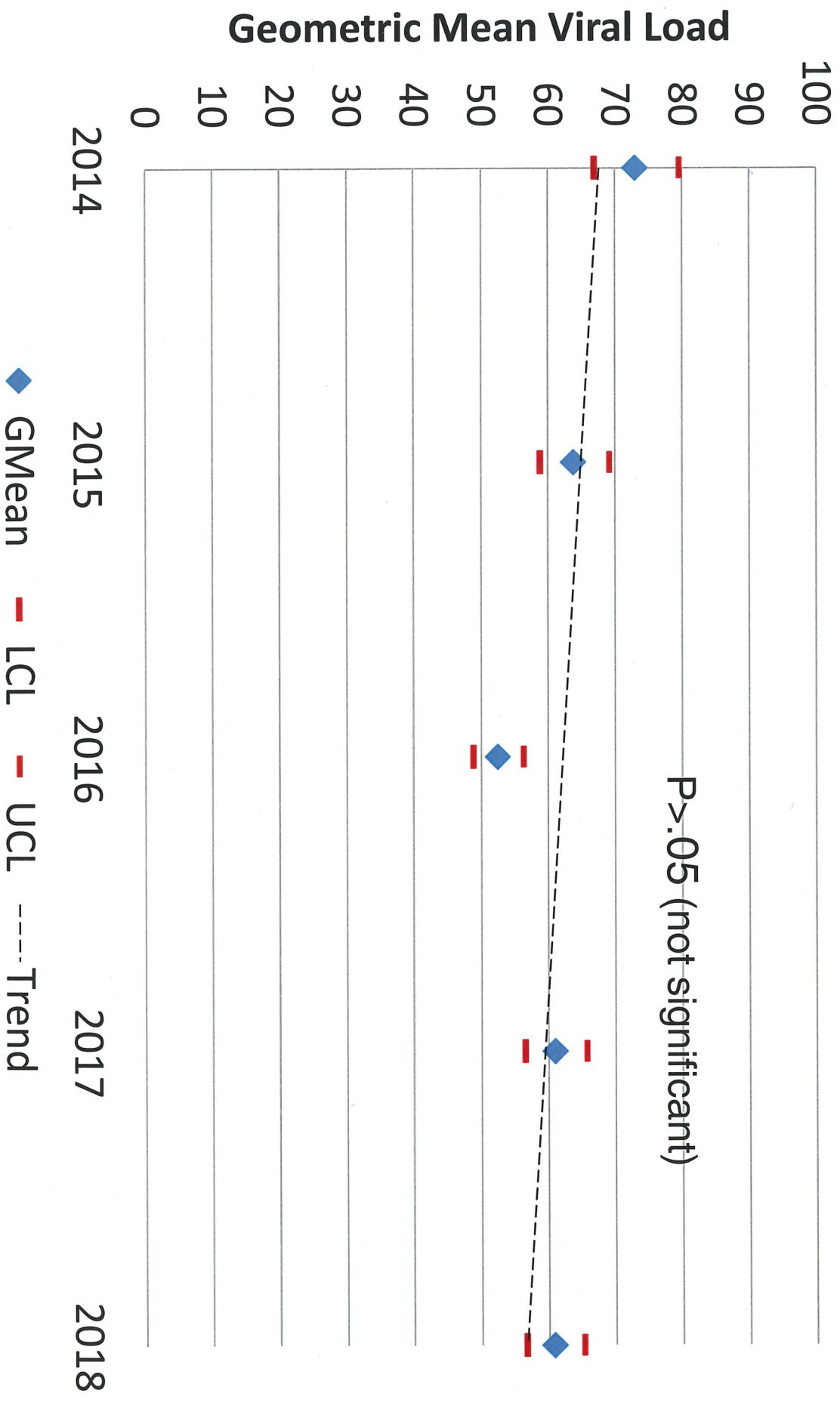


Viral Load Results by Year and Category

Viral Load Results by Year and Category



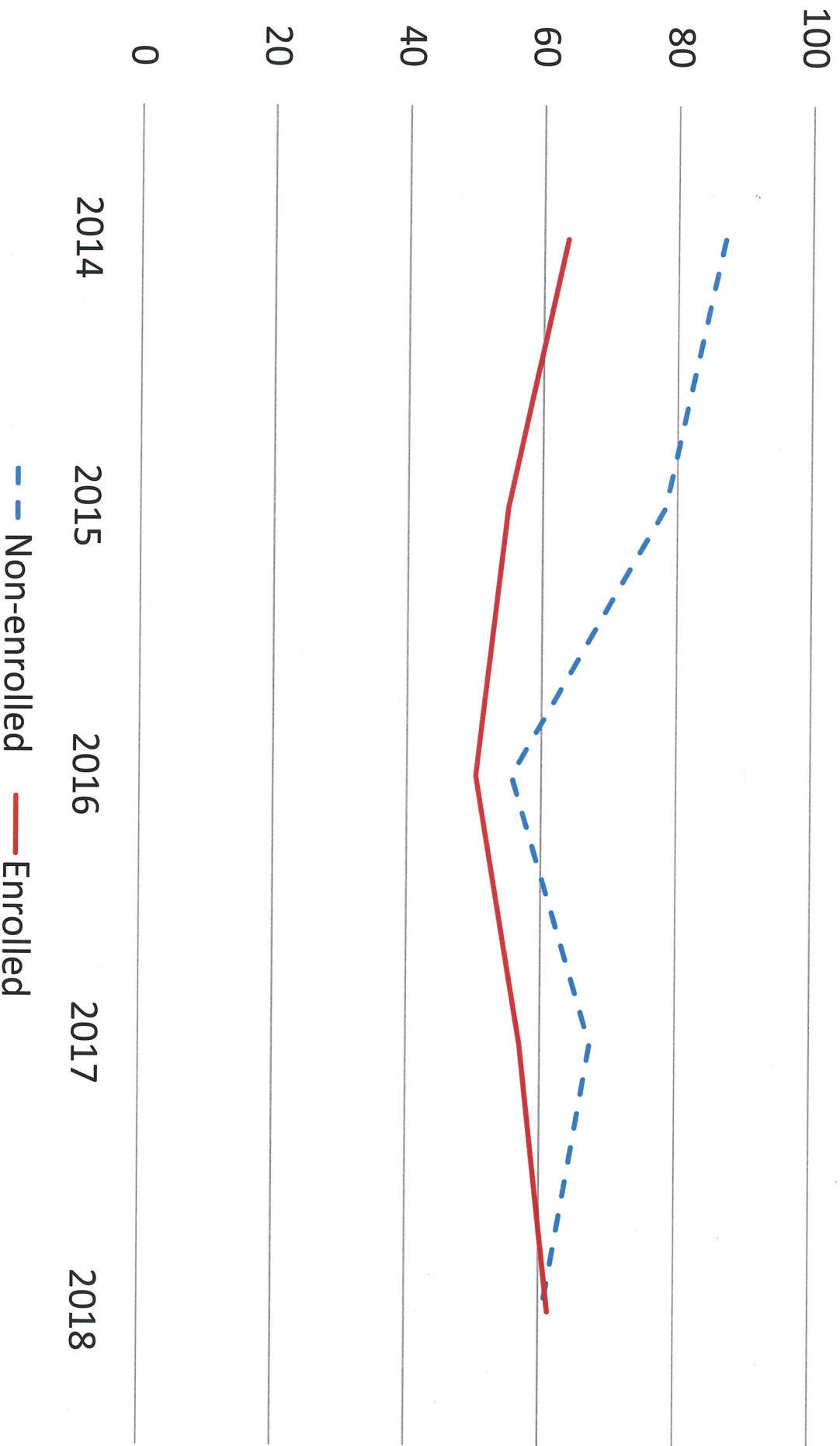
Geometric mean VL downward until 2017



Suppressed Viral Load among PLWH/A with at Least One Viral Load Test, by Year and RWSP Client Status

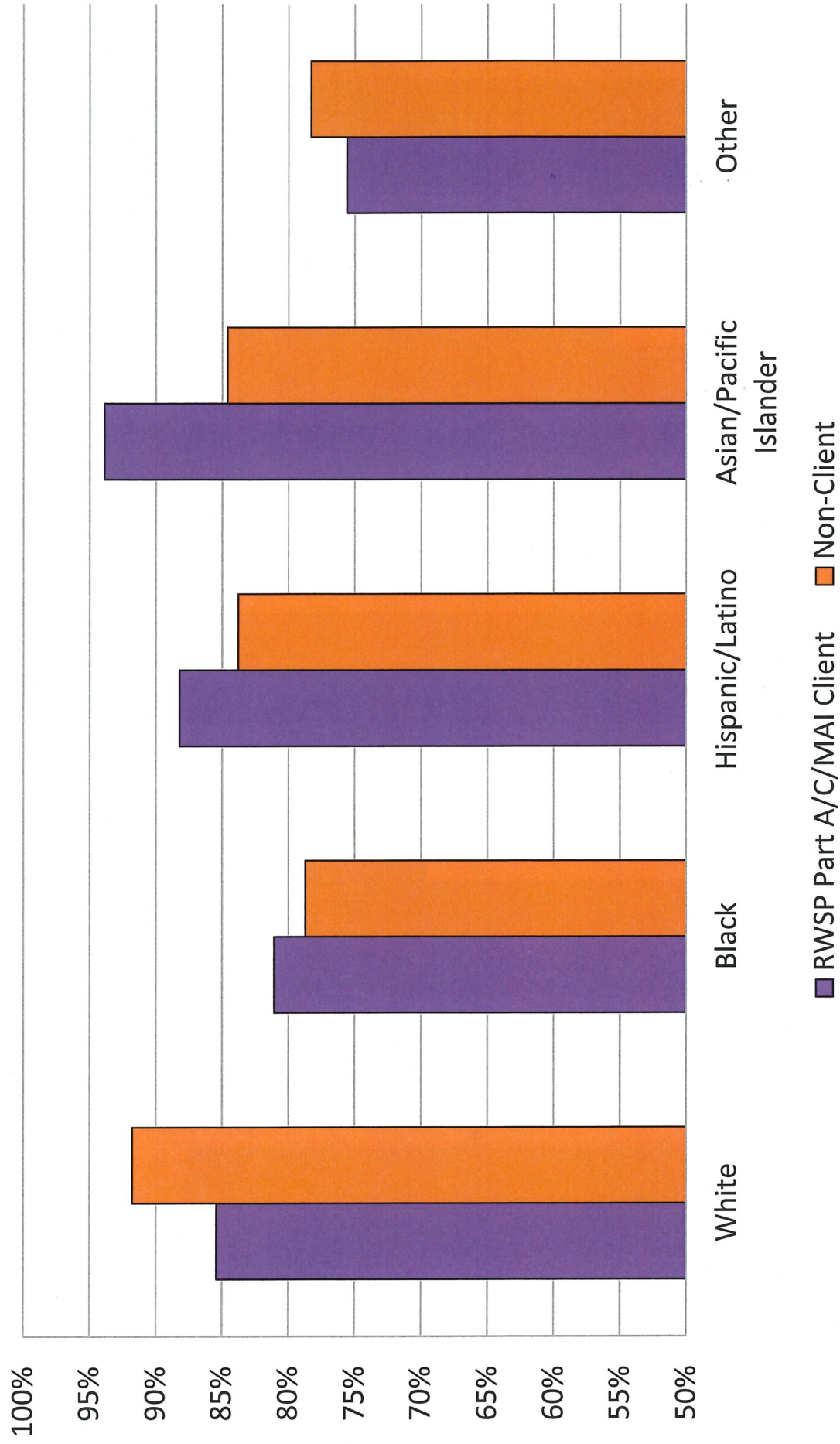


Geometric Viral Load Trend by RWSP Client Status



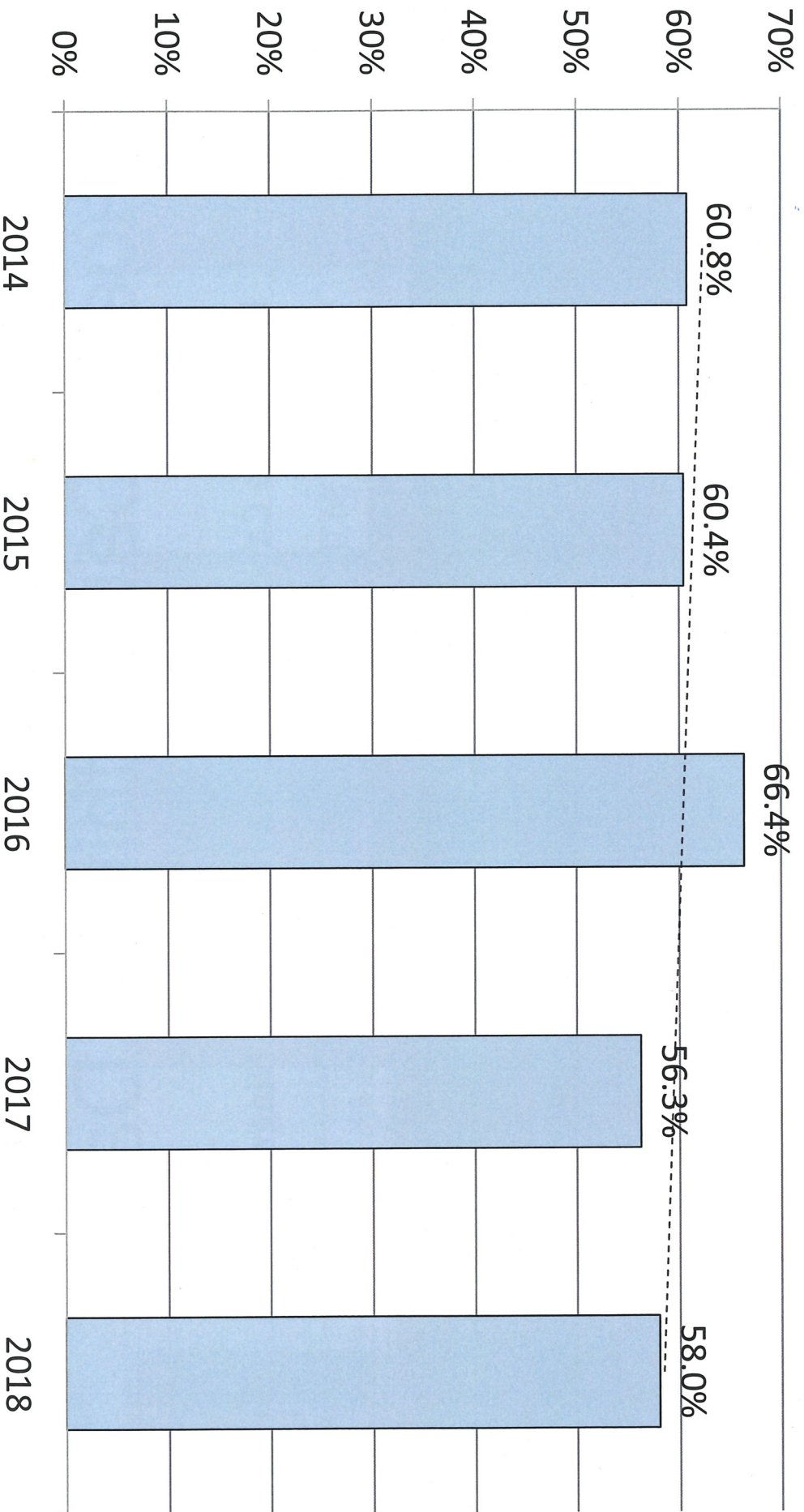
*Note that geometric mean does not represent a true viral load.

Suppressed Viral Load among PLWH/A with at Least One Viral Load Test, by Race/Ethnicity and RWSP Client Status



Linkage to Care within 30 Days

Linkage to Care within 30 days of Initial Diagnosis



For More Information

- Full reports with additional analyses will be available on the Ryan White website
 - Annual HIV Viral Load Analysis Protocol Report
Indianapolis Transitional Grant Area CY 2017 and
CY2018
- Website: <http://www.ryanwhiteindyga.org/Resources>



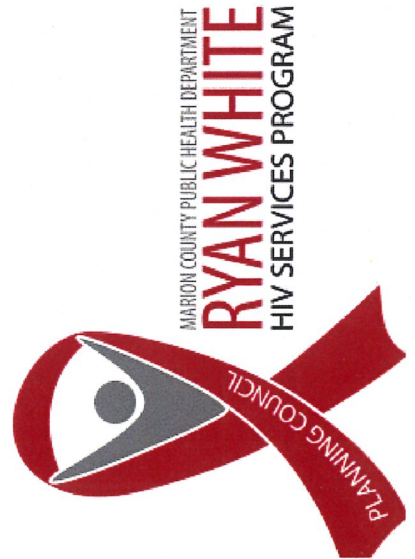
Acknowledgements

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