

Orange County Addresses the National HIV/AIDS Strategy Goals and Objectives 2021 Targets – Revised 6/19/18

In July 2015, the White House released the *National HIV/AIDS Strategy (NHAS) for the United States Updated to 2020*, which outlined the goals for a national response to HIV in the United States. The goals include: 1) reducing new HIV infections; 2) increasing access to care and optimize health outcomes for persons living with HIV disease; 3) reducing HIV-related health disparities.

Orange County’s 2017-21 Integrated HIV Prevention and Care Plan (Integrated Plan) aligned with the updated NHAS indicators. The indicators associated with the first three NHAS goals are measurable using current Orange County data sources, shown below. Data sources and methods are described starting on page 3.

Goal 1: Reducing New HIV Infections

	Baseline (2015)	2017	2021 Goal
Objective 1: Increase the percentage of people living with HIV who know their serostatus.	91.0%	87.7%	91.0%
Objective 2: Reduce the number of new HIV diagnoses.	300 ¹	303	223
Objective 2-1: Reduce the HIV transmission rate ² .	5.0	4.5	3.0
Objective 2-2: Increase number of high-risk populations who are on PrEP ³ .	N/A	1,100 ⁴	4,225
Objective 3: Reduce the percentage of young gay and bisexual men who engage in HIV-risk behaviors ⁵ .	N/A ⁶	N/A ⁶	N/A ⁶

¹ The updated new HIV diagnosis for 2015 is 328; therefore, to date there has been a slight decrease in cases. 2017 cases are still preliminary.

² Objective 2-1 was not included in the original Integrated Plan. HIV transmission rate indicates trends in new HIV infections and has been included for possible addition in the Integrated Plan.

³ Objective 2-2 was not included in the original Integrated Plan. PCSC requested to look at the inclusion of a PrEP measure to align with the California Integrated Plan which has a goal to increase the number of high-risk populations on PrEP to 60,000 by December 2021.

⁴ 1,100 was the number of individuals on PrEP in August 2017 and was used as the baseline to develop the 2021 goal.

⁵ Young gay and bisexual men who engage in high-risk behaviors is defined as male students in grades 9-12 that had sexual intercourse with only males or with both males and females with multiple partners within the last three months or had unprotected sex or injected any illegal drug and responded to the Youth Risk Behavior Surveillance System (YRBSS).

⁶ N/A: Data is not available for Orange County. Data is gathered using the YRBSS. California’s version of the YRBSS the California Healthy Kids Survey (CHKS) would require modification to collect the data required for this indicator.

Goal 2: Increase Access to Care and Optimize Health Outcomes for Persons Living with HIV Disease

	Baseline (2015)	2017	2021 Goal
Objective 4: Increase the proportion of newly diagnosed persons linked to HIV medical care within one month of their HIV diagnosis.	38.7%	54.8%	65.0%
Objective 5: Increase the percentage of persons with diagnosed HIV infection who are retained ¹ in HIV medical care.	76.2%	74.2%	90.0%
Objective 6: Increase the percentage of persons with diagnosed HIV infection who are virally suppressed.	66.1%	65.3%	80.0%
Objective 7: Reduce the percentage of persons in Ryan White HIV medical care who are homeless.	3.9% ²	3.3%	4.0%
Objective 8: Reduce the death rate ³ among persons with diagnosed HIV infection.	4.6	5.3	4.2

¹Retention in care is having two medical visits at least three months apart in a two year period. For persons diagnosed in 2017, that two year period is 2017-April 5, 2018. Data is preliminary and will be revised later in 2018.

²The baseline was updated to reflect only those who received Ryan White HIV medical care.

³Death rate includes any cause of death.

Goal 3: Reduce HIV-Related Health Disparities

	Baseline (2015)	2017	2021 Goal
Objective 9: Reduce disparities in the rate of new diagnoses in the following groups:			
• Gay and bisexual men	40.8	36.3	36.4
• Black gay and bisexual men	100.0	117.8	84.5
• Hispanics	0.36	0.17	0.30
• Transgender Women	N/A ¹	N/A ¹	N/A ¹
Objective 10: Increase the percentage of individuals who are virally suppressed among the following groups:			
• Youth ages 13-24	59.1%	60.3%	74.0%
• Persons who inject drugs	50.3%	58.8%	57.0%

¹ N/A: Population estimates are not available for transgender women.

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Data Sources and Methods

All Orange County-specific analyses presented in this document were based on Orange County HIV case and incidence surveillance data, as reported through January 31, 2018.

Resources:

- NHAS 2020: <https://www.aids.gov/federal-resources/national-hiv-aids-strategy/nhas-update.pdf>.
- NHAS 2020 Indicator Supplement: <https://www.aids.gov/federal-resources/national-hiv-aids-strategy/nhas-indicators-supplement-dec-2016.pdf>.
- CDPH's Office of AIDS Integrated HIV Surveillance, Prevention, and Care Plan: <https://archive.cdph.ca.gov/programs/aids/Documents/IntegratedPlan.pdf>.
- Centers for Disease Control and Prevention. Estimated HIV incidence and prevalence in the United States, 2010–2015. HIV Surveillance Supplemental Report 2018;23 (No. 1). <http://www.cdc.gov/hiv/library/reports/hiv-surveillance.html>. Published March 2018. Accessed April 24, 2018.

Goal 1: Reduce New HIV Infections

a. Objectives 1, 2, 3:

- HIV incidence (new HIV diagnosis) estimates are based on algorithms developed by the Centers for Disease Control and Prevention (CDC) March 2018.
- Rate for Objective 2-1 is per 100 PLWH while other rates are calculated per 100,000.

Goal 2: Increase Access to Care and Optimize Health Outcomes for People Living with HIV Disease (PLWHD)

b. Objectives 4, 5, 6, 7, 8:

- Laboratory data were used as a proxy for care visits; a care visit was defined as a CD4 and/or viral load laboratory result reported to Orange County Health Care Agency (OCHCA).
- Newly diagnosed persons linked to care were defined as persons diagnosed with HIV infection during a calendar year and received care within one months of their diagnosis (30 days).
- Homelessness in the Ryan White population is determined by the number of clients that received an Outpatient Ambulatory service from the 17th Street Care Clinic or AltaMed who were not stably housed at some point during the year.

Goal 3: Reduce HIV-related Health Disparities

c. Objectives 9, 10:

- Denominator for 2017 included current Orange County residents diagnosed with HIV disease on or before December 31, 2017.
- Persons whose most recent viral load test result was less than 200 copies/ml during January 1-December 31 of each year were considered virally suppressed and included in the numerator of those with an “undetectable viral load”.

Acknowledgements

Orange County Health Care Agency would like to thank all Orange County providers, laboratories, and ARIES users whose work made this report possible.