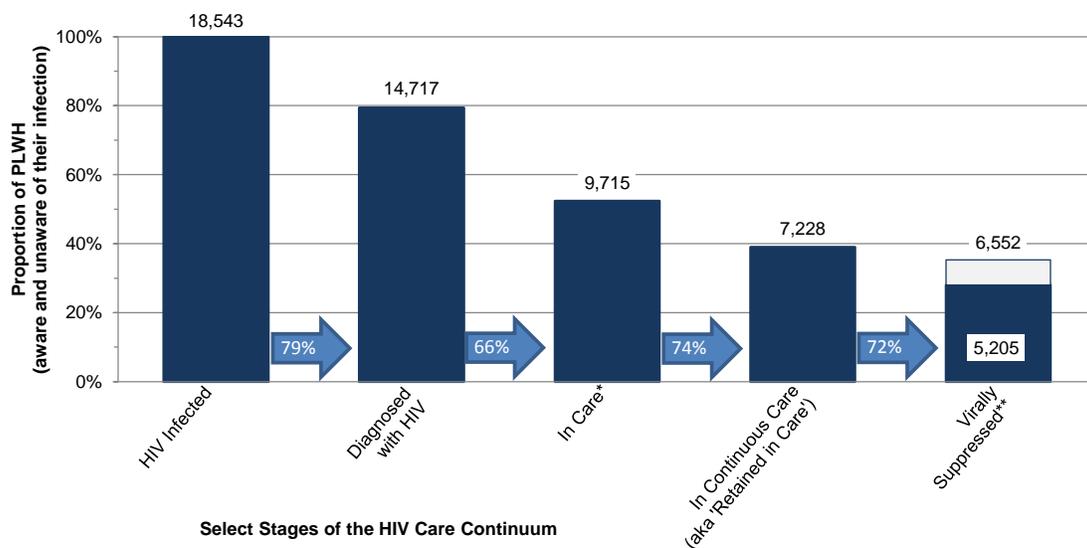


## Michigan HIV Treatment Cascade Annual Report, January 2013

The HIV Treatment Cascade was developed by the CDC to assess gaps in care. Frequencies and proportions of people living with HIV (PLWH) engaged in selected stages of the HIV care continuum are presented below. Two proportions are presented:

- 1) The proportion of PLWH in each care category *out of the total number of PLWH* (aware and unaware of their status) is represented by the height of each bar (the y-axis).
- 2) The proportion of PLWH in each care category *out of persons in the previous category* is presented in the arrows between each bar.

**Figure 1. Michigan HIV Treatment Cascade, 2011:** The frequencies and proportions of PLWH engaged in selected stages of HIV care during 2011 who were ≥13 years of age and living in Michigan on January 1, 2011, diagnosed by January 1, 2011 and living with HIV December 31, 2011



**HIV Infected:** Persons aware and unaware of their infection. This frequency is calculated using the national estimate that 21% of PLWH are unaware of their infection (not diagnosed).

**Diagnosed with HIV:** Persons diagnosed with HIV.

**In Care\*:** PLWH who received at least one CD4 and/or viral load (vl) lab test during the given year.

**In Continuous Care (aka 'Retained in Care'):** PLWH who received at least two CD4 and/or viral load (vl) lab tests at least three months apart during the given year.

**Virally Suppressed\*\*:** PLWH *in continuous care* whose most recent viral load test contained less than or equal to 200 copies of HIV virus per milliliter of blood ( $\leq 200$  copies/mL).

*\*The national HIV Treatment Cascade presents 'Linked to Care' as the third stage on the HIV care continuum. Calculating linkage to care for persons diagnosed in Michigan prior to 2006 would yield a gross underestimate of the number of persons actually linked to care because Michigan laboratories were not required to report CD4 or vl tests until 2005. Of the persons recently diagnosed in Michigan (2006-2011), 79% were linked to care within 3 months of diagnosis. For more information on the proportion of persons linked to care in Michigan, see Implementing the National HIV/AIDS Strategy (NHAS) in Michigan. [http://www.michigan.gov/mdch/0,4612,7-132-2944\\_5320\\_5331---,00.html](http://www.michigan.gov/mdch/0,4612,7-132-2944_5320_5331---,00.html)*

*\*\*Note: Of the 7,228 persons in continuous care, 5,205 (72%) were virally suppressed. This value can be compared to national HIV treatment cascades. An additional 1,347 persons (6,552 total) were virally suppressed, but not in continuous care during the given year.*