



Indicators for Ending the HIV Epidemic Initiative

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Outline

- Indicators
- Overall targets
- Summary



Indicators

- Incidence
- Knowledge of status
- Diagnoses
- Linkage to HIV medical care
- Viral suppression
- PrEP coverage



HIV Incidence vs Diagnoses

- Incidence refers to the estimated number of new HIV infections in a given time period, whether or not a diagnosis has been received
- Diagnoses refer to the number of people who have received laboratory or clinical confirmation of HIV in a given time period regardless of when infection occurred



HIV Incidence

- Estimated number of new HIV infections among persons aged ≥ 13 years that occurred in the calendar year



Knowledge of HIV status

- Also known as percentage of HIV infections that have been diagnosed
- Numerator:
 - Persons aged ≥ 13 years living with diagnosed HIV at end of a calendar year
- Denominator:
 - Estimated number of persons aged ≥ 13 years living with diagnosed or undiagnosed HIV at the end of a calendar year



Diagnoses

- Number of reported HIV infections among persons aged ≥ 13 years that were confirmed through laboratory or clinical evidence during a calendar year



Linkage to HIV medical care

- Numerator:
 - Persons aged ≥ 13 years with HIV diagnosed in a calendar year and who had ≥ 1 viral load (VL) or CD4 test within 1 month of HIV diagnosis
- Denominator:
 - Persons aged ≥ 13 years with HIV diagnosed during a calendar year

Note: Reported for jurisdictions with complete laboratory reporting of CD4 and viral load results to CDC.



Viral suppression

■ Numerator:

- Persons aged ≥ 13 years with HIV diagnosed and have a viral load test result < 200 copies/mL at the most recent viral load test during calendar year

■ Denominator:

- Persons aged ≥ 13 years with HIV diagnosed by the end of one calendar year and alive at the end of the next calendar year
- Example: diagnosed by end of 2015 and alive at the end of 2016

Note: Reported for jurisdictions with complete laboratory reporting of CD4 and viral load results to CDC.



PrEP coverage

- Indicator: Ratio of persons who have been prescribed PrEP to the number with indications for PrEP
- Numerator:
 - Number of persons who were prescribed PrEP in a calendar year
- Denominator:
 - Estimated number of persons with indications for PrEP in a calendar year

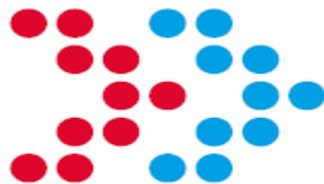


Data sources

- **National HIV Surveillance System (NHSS)**
 - Primary source for monitoring trends in HIV in the United States
 - Data source used for all indicators
- **National pharmacy data – IQVIA**
 - Data source used for numerator of PrEP coverage
 - Provides number of persons who were prescribed PrEP

Targets

UNAIDS 95-95-95



UNDERSTANDING FAST-TRACK
ACCELERATING ACTION TO END THE AIDS
EPIDEMIC BY 2030

Ending
the
HIV
Epidemic

2030 Goal – Reduce new HIV infections by 90%

- ❖ 95% by 2025:
 - ❖ Knowledge of HIV status, Linked to care, Viral suppression
- ❖ 50% by 2025:
 - ❖ PrEP coverage



Selected References

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