1. INTRODUCTION:
TRANSFORMING THE 90–90–90 VISION INTO REALITY
RESOURCE AVAILABILITY IN DANGER OF FALLING SHORT OF GLOBAL COMMITMENTS

FIGURE 1.5. HIV RESOURCE AVAILABILITY BY SOURCE, 2006–2016, AND PROJECTED RESOURCE NEEDS BY 2020, LOW- AND MIDDLE-INCOME COUNTRIES*


*Estimates for low- and middle-income countries per 2015 World Bank income level classification. All figures are expressed in constant 2016 US dollars.
2. STATE OF THE EPIDEMIC
DECLINE IN DEATHS MORE RAPID AMONG WOMEN

FIGURE 2.1. AIDS-RELATED DEATHS, ALL AGES, GLOBAL, 2000–2016

Source: UNAIDS 2017 estimates

FIGURE 2.2. AIDS-RELATED DEATHS BY SEX, ALL AGES, GLOBAL, 2000–2016

Source: UNAIDS 2017 estimates
DECLINE IN DEATHS SHARPEST IN EASTERN AND SOUTHERN AFRICA

FIGURE 2.3. AIDS-RELATED DEATHS, BY REGION, 2000–2016

Source: UNAIDS 2017 estimates
REDUCTIONS IN NEW INFECTIONS ARE OFF TARGET

FIGURE 2.4. NEW HIV INFECTIONS, ALL AGES, GLOBAL, 1990–2016 AND 2020 TARGET

Source: UNAIDS 2017 estimates.

*The 2020 target is fewer than 500 000 new HIV infections, equivalent to a 75% reduction since 2010.
DECLINES IN NEW INFECTIONS VARY BY AGE AND SEX

FIGURE 2.5. NEW HIV INFECTIONS AMONG CHILDREN (AGED 0–14 YEARS) AND COVERAGE OF ANTIRETROVIRAL REGIMENS TO PREVENT MOTHER-TO-CHILD TRANSMISSION, GLOBAL, 2000–2016

Source: UNAIDS 2017 estimates

FIGURE 2.6. NEW HIV INFECTIONS, YOUNG PEOPLE (AGED 15–24 YEARS), BY SEX, GLOBAL, 1990–2016

Source: UNAIDS 2017 estimates
ALARMING RISE IN NEW INFECTIONS IN EASTERN EUROPE AND CENTRAL ASIA

FIGURE 2.7. NEW HIV INFECTIONS, ALL AGES, GLOBAL, 1990–2016 AND 2020 TARGET

Source: UNAIDS 2017 estimates.
KEY POPULATIONS ARE IMPORTANT IN ALL EPIDEMIC SETTINGS

FIGURE 2.8. DISTRIBUTION OF NEW HIV INFECTIONS, BY POPULATION, GLOBAL, SUB-SAHARAN AFRICA AND COUNTRIES OUTSIDE OF SUB-SAHARAN AFRICA, 2015


*Only reflects Asia and the Pacific, Latin America and Caribbean regions.
HIGH HIV PREVALENCE AMONG KEY POPULATIONS

Female sex workers and the adult female population

FIGURE 2.9. HIV PREVALENCE AMONG KEY POPULATIONS AND GENERAL POPULATION, SELECT COUNTRIES, 2014–2016 (1/3)

HIGH HIV PREVALENCE AMONG KEY POPULATIONS

People who inject drugs and the adult population

FIGURE 2.9. HIV PREVALENCE AMONG KEY POPULATIONS AND GENERAL POPULATION, SELECT COUNTRIES, 2014–2016 (2/3)

HIGH HIV PREVALENCE AMONG KEY POPULATIONS

Gay men and other men who have sex with men and the adult male population

FIGURE 2.9. HIV PREVALENCE AMONG KEY POPULATIONS AND GENERAL POPULATION, SELECT COUNTRIES, 2014–2016 (3/3)

3. MIDTERM PROGRESS TOWARDS 90-90-90
CLOSING IN ON A FAST-TRACK TARGETS

FIGURE 3.1. PROGRESS TOWARDS THE 90–90–90 TARGETS, GLOBAL, 2016

- 70% [51–84%] of people living with HIV know their status
- 77% [57–>89%] of people living with HIV who know their status are on treatment
- 82% [60–>89%] of people on treatment are virally suppressed

Source: UNAIDS special analysis, 2017; see annex on methods for more details
Comparison of HIV testing and treatment cascades by region reveals different patterns of progress. Western and central Europe and North America are approaching global targets. Latin America and eastern and southern Africa show high levels of achievement across the cascade. Eastern Europe and central Asia, the Middle East and North Africa, and western and central Africa are clearly on track. Other regions are clearly off track.

Source: UNAIDS special analysis, 2017; see annex on methods for more details.
Figure 3.4. Knowledge of HIV status, treatment coverage and viral load suppression, global, 2016

Source: UNAIDS special analysis, 2017; see annex on methods for more details.
HIGH RETENTION RATES SUPPORT HIGH RATES OF VIRAL SUPPRESSION

Figure 3.5. Percentage of people living with HIV retained on treatment 12 months after initiation, by region, 2016

ON TRACK TO 30 MILLION PEOPLE ACCESSING TREATMENT

Figure 3.6. Number of people living with HIV on antiretroviral therapy, global, 2000–2016

REMARKABLE INCREASE IN KNOWLEDGE OF HIV STATUS OVER THE PAST DECADE

Figure 3.7. Knowledge of HIV status among adults aged 15–49 years, eastern and southern Africa and western and central Africa, 2007–2011, compared to 2012–2016

ONE-YEAR GAINS ACROSS THE CASCADE

Figure 3.8. Knowledge of HIV status, antiretroviral therapy coverage and viral suppression among people living with HIV, global, 2015 and 2016

Source: UNAIDS special analysis, 2017; see annex on methods for more details.
BOTSWANA HAS ACHIEVED THE 90–90–90 TARGETS

Figure 3.10. Knowledge of HIV status, antiretroviral therapy coverage and viral suppression among people living with HIV
Botswana, 2016

Source: UNAIDS special analysis, 2017; see annex on methods for more details.
SLOWING SCALE-UP OF PAEDIATRIC TREATMENT

Figure 3.13. Number of children aged 0–14 years accessing antiretroviral therapy, global, 2000–2016 plus 2018 target

LARGER GAPS FOR YOUNG PEOPLE ACROSS THE CASCADE

Figure 3.14. Knowledge of HIV status, treatment coverage and viral load suppression, Malawi, Zambia and Zimbabwe, 2015–2016

TREATMENT COVERAGE LOWER AMONG MEN

Figure 3.17. Antiretroviral therapy coverage among adults living with HIV aged 15 years and older, by sex, by region, 2016

ALARMING GAPS IN THE 90–90–90 CONTINUUM AMONG KEY POPULATIONS

Figure 3.20. 90–90–90 among key populations in India and THE RUSSIAN FEDERATION, 2013.