

## We may not be dancing in the streets just yet. But we are walking in them.

Register or donate today at WalkToEndHIV.org

# THE END OF AIDS?







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Everything has changed. We can end HIV.

### The treatment target

## HIV care cascade – WHO target



Diagnosed

**On treatment** 

Virally suppressed



## ACHIEVING THE 90–90–90 TARGETS,

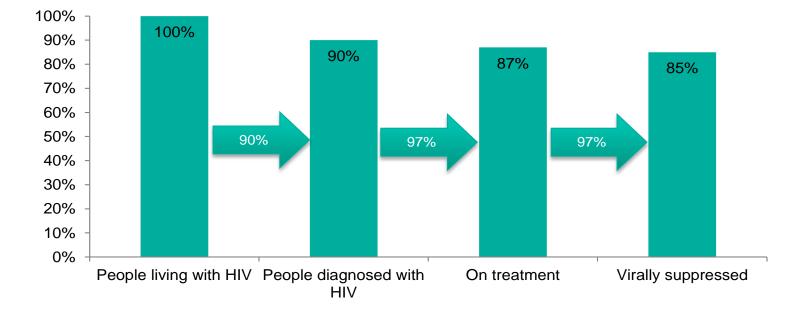
Achieved (90% or greater)	FIRST 90 Australia Belarus Denmark Ecuador Malaysia Sweden Thailand	SECOND 90		THIRD 90		VIRAL LOAD SUPPRESSION AMONG ALL PEOPLE LIVING WITH HIV	
		Australia Algeria Botswana Comoros Denmark France Haiti Ireland Malawi Malta Mongolia	Niger Portugal Rwanda Spain Sweden Switzerland Uganda United Kingdom Zambia Zimbabwe	Botswana Brazil Belgium Cambodia Chile Comoros Czechia Denmark France Germany Hungary Iceland Kuwait <sup>3</sup>	Luxembourg Malaysia Myanmar Netherlands Philippines Poland Romania Singapore Serbia Sweden Switzerland United Kingdom	Achieved 73% or greater)	Botswana Cambodia Denmark Iceland Singapore Sweden United Kingdom
Nearly achieved (85–89%)	Austria Botswana Cuba Fiji Germany Hungary Ireland Italy Lithuania Luxembourg Netherlands Nicaragua Rwanda Romania South Africa United Kingdom	Austria Ethiopia Gambia Italy Luxembourg Mozambique Nigeria Netherlands United Republic of Tanzania		Afghanistan Bulgaria Burundi Canada Ethiopia Georgia Italy Malawi Malta Mongolia Nepal Portugal Spain Swaziland Uruguay Zambia		Nearly achieved (65–72%)	Australia Belgium France Germany Italy Kuwait <sup>3</sup> Luxembourg Netherlands Swaziland Spain Switzerland

## FIGURE 3.2. COUNTRIES THAT HAVE ACHIEVED THE 90–90–90 TARGETS OR ARE NEAR TO ACHIEVING THEM, MOST RECENT COUNTRY DATA<sup>1,2</sup>

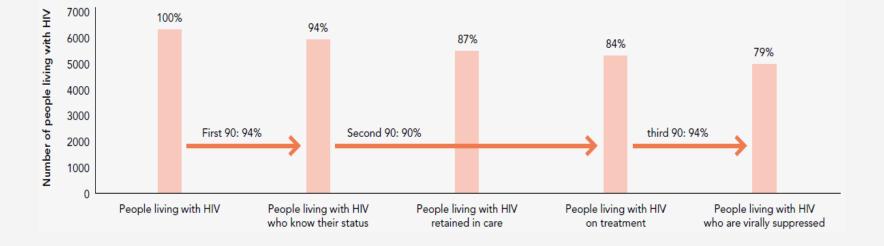
Source: UNAIDS special analysis, 2017; see annex on methods for more details .

<sup>1</sup> Data are for 2016, except as follows: 2015: Bulgaria, Germany, Hungary, Netherlands, Sweden, Switzerland, United Kingdom. 2014: Belgium, Canada, Serbia, Spain. 2013: Austria, France. 2012: Italy. <sup>2</sup>Estimates of people living with HIV are supplied by the country and not validated by UNAIDS: Austria, Belgium, Bulgaria, Canada, Denmark, France, Germany, Hungary, Iceland, Italy, Luxembourg, Malta, Netherlands, Portugal, Singapore, Spain, Switzerland, and the United Kingdom <sup>3</sup> Estimates for citizens of the country only.

# Figure 18: The London HIV treatment cascade among adults living with HIV, 2016



## AMSTERDAM



## FIGURE 3.11. HIV TESTING AND TREATMENT CASCADE, AMSTERDAM, 2015

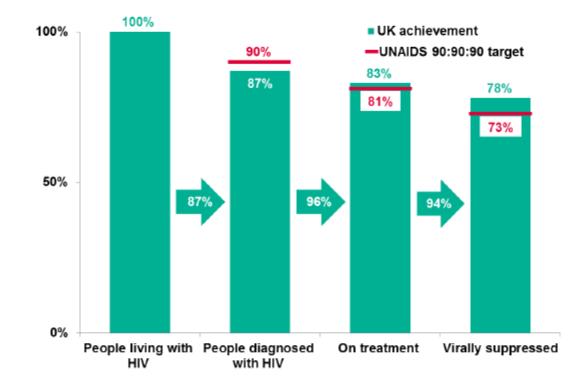
Source: Stichting HIV Monitoring, 2017.



**CITY CASE** 

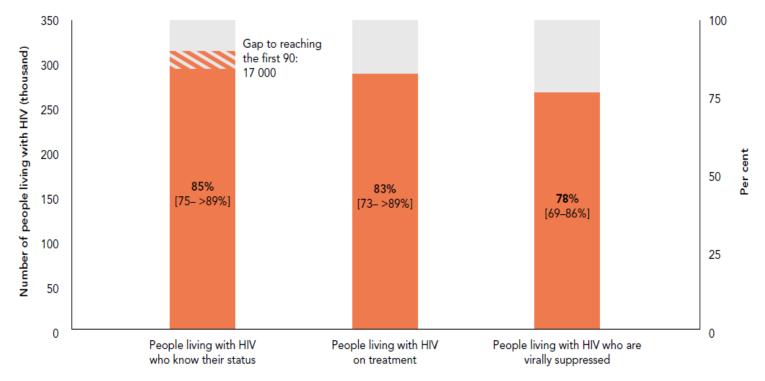
**STUDY** 

# HIV in the UK 2016 report



UK HIV continuum of care: progress against UNAIDS target

# 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.













#### ON TRACK TO 30 MILLION PEOPLE ACCESSING TREATMENT

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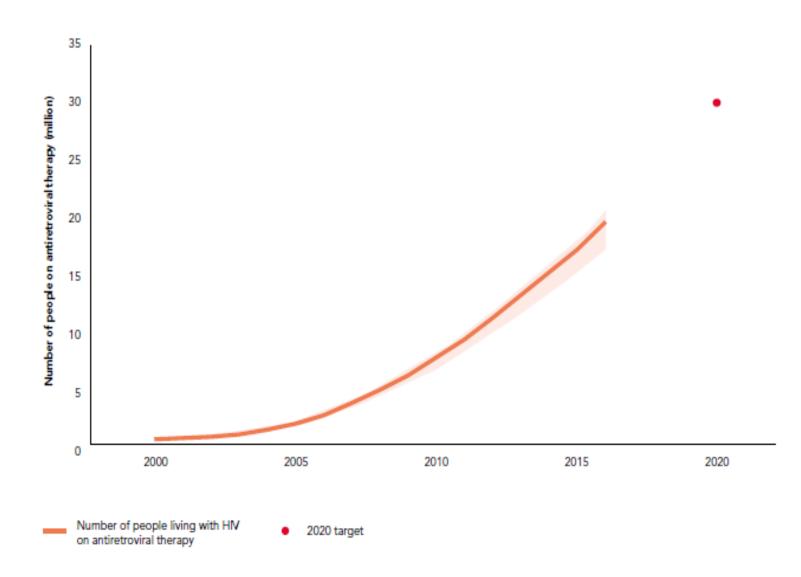


FIGURE 3.6. NUMBER OF PEOPLE LIVING WITH HIV ON ANTIRETROVIRAL THERAPY, GLOBAL, 2000-2016

### The treatment target

## HIV care cascade – WHO target



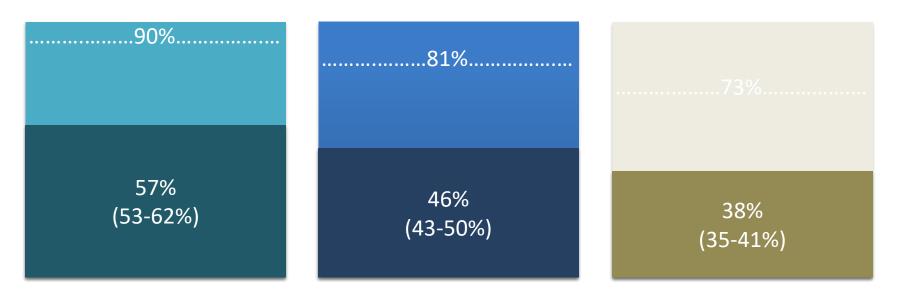
Diagnosed

**On treatment** 

Virally suppressed



## Global results: HIV treatment cascade

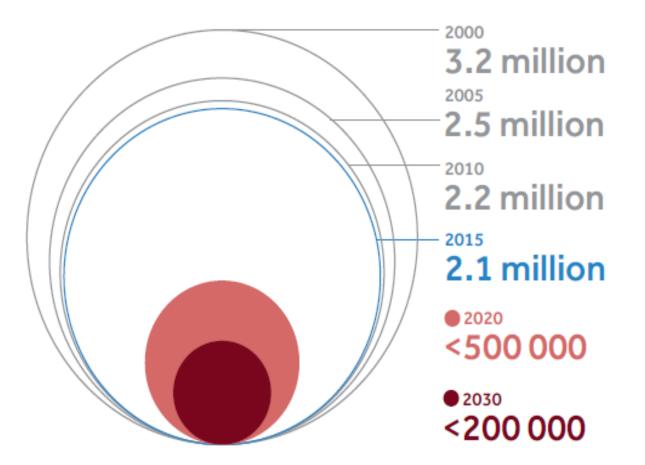


% of people living with HIV who know their HIV status

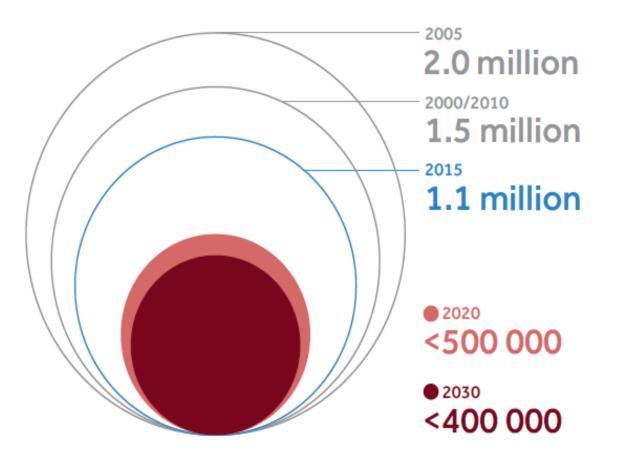
% of people living with HIV who are on ART

% of people living with HIV who are virally suppressed

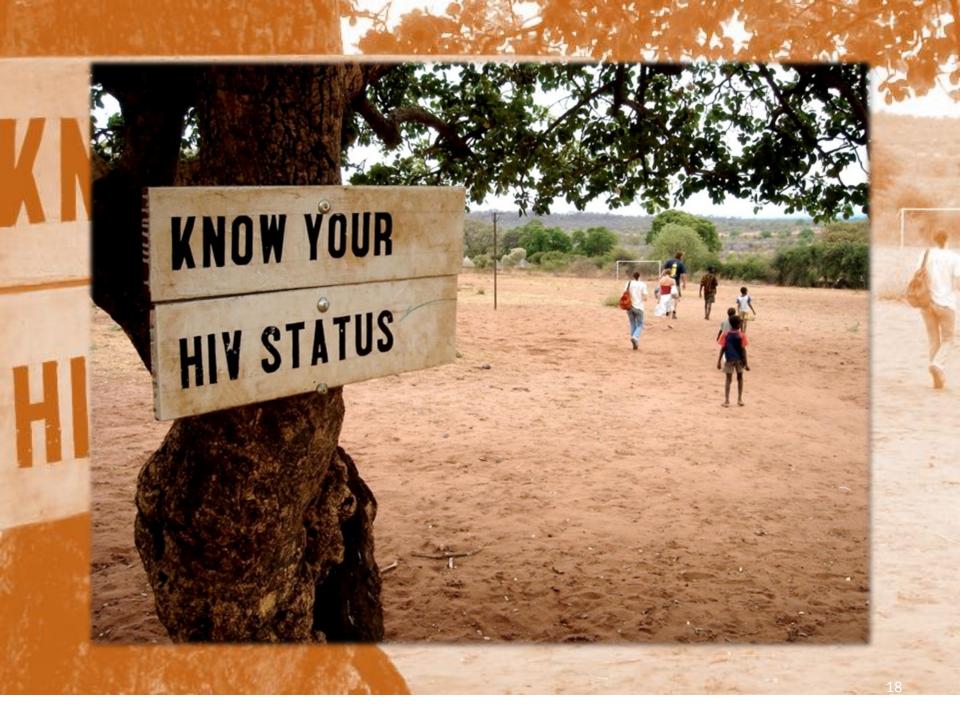
## Number of people newly infected with HIV



## Number of people dying from HIV







WE SUPPORT POZCO HELPING THE TORONTO PEOPLE WITH AIRS FOUNDATION SINCE 2012

Pua

"Be aware that stigma and discrimination around HIV/AIDS continues to exist not only globally around the world, but on your own doorstep, too. So, stay informed and understand your human rights."

-Darayaie Sryk, Toronto



Photography Credit: Pat LeCantin, C2013

508 Church Street First Sunday Of Every Month

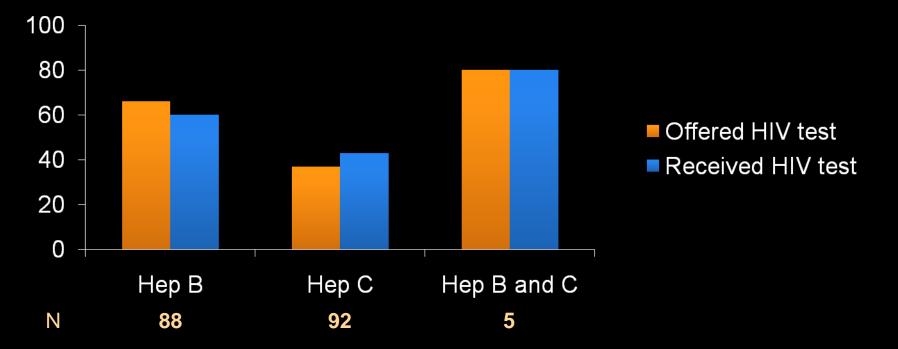
S IS EVERYONE'S

"Love yourself. Get informed and stay informed. Love others. Det connected and stay connected. You can transform the world with the truth."

Nick Scolleris, Montres/

# Hepatitis and HIV testing

- Aim of study was to identify rates of HIV testing in patients with HBV and/or HCV and to assess HIV testing practice in a large UK teaching hospital
- Retrospective case note review of 185 individuals with known hepatitis infection



- During the year preceding the diagnosis, 46.6% of the patients had sought medical advice owing to the presence of clinical indicators that should have led to HIV testing.<sup>1</sup>
- Only 9% of patients eligible for screening were screened in a ED serving a population with a seroprevalence of 2%.<sup>2</sup>
- Sixty-one percent reported not undergoing HIV testing after their last STI diagnosis.<sup>3</sup>

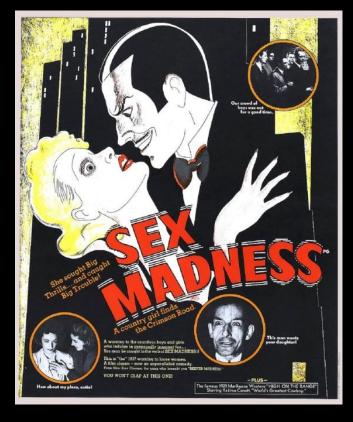


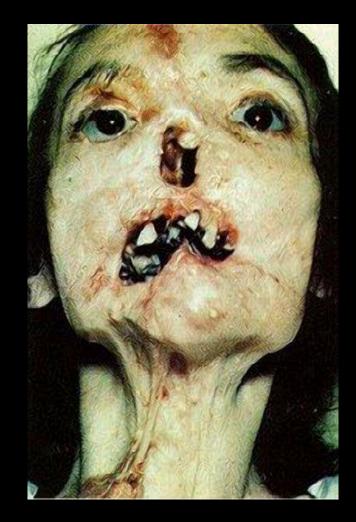
HELLO

MY NAME IS

zilure

HIV Stigma Scars Heal the Pain. End the Shame.

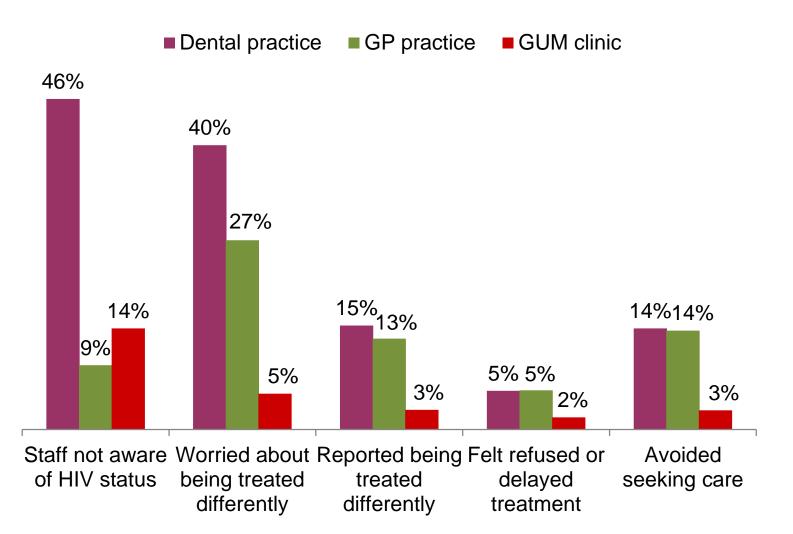




# HIV disclosure and stigma



## Experiences in the dental setting compared to other clinical settings



# WE'RE NOT IN 1984 ANYMORE,

LEARN THE FACTS... HIV ISN'T WHAT IT USED TO BE.

S+IGMA

## Antiretrovirals available in 2018

#### **NRTIs**

- Abacavir
- Didanosine

• Emtricitabine

- Lamivudine
- Stavudine
- Tenofovir
- Zidovudine
- TAF

#### NNRTIs

- Delavirdine
- Efavirenz
- Etravirine
- Nevirapine
- Nevirapine XR
- Rilpivirine

#### Pls

- Atazanavir
- Darunavir
- Fosamprenavir
- Indinavir
- Lopinavir
- Nelfinavir
- Ritonavir
- Saquinavir
- Tipranavir

#### **Integrase Inhibitors**

- Raltegravir
- Dolutegravir
- Elvitegravir
- Bictegravir

**Fusion Inhibitors** 

• Enfuvirtide

#### Entry Inhibitors

• Maraviroc

#### **PK Boosters**

- Ritonavir
- Cobicistat

#### **Single Pill Regimens**

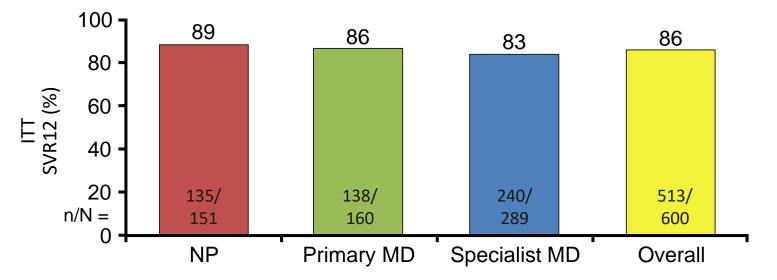
- Atripla
- Eviplera
- Stribild
- Triumeq
- Genvoya
- Odefsey
- Biktarvy

NRTI, nucleoside reverse transcriptase inhibitor; NNRTI, non-nucleoside reverse transcriptase inhibitor; PI, protease inhibitor; PK, pharmacokinetic

Adapted from http://www.aidsmeds.com/list.shtml

## ASCEND: HCV Treatment Efficacy and Adherence by Provider Type

- Nonrandomized phase IV trial of HCV-infected pts in Washington, DC (N = 600)
- Pts mostly male (69%), black (96%), GT1a (72%), and treatment naive (82%)
  - 20% of pts had compensated cirrhosis, 23% had HCV/HIV coinfection
- All providers received uniform 3-hr training
- No difference in SVR12 by provider type, cirrhosis status
- Adherence to all treatment visits by cirrhotic pts lower for specialists (61%) vs PCPs (56%) and NPs (75%) (P = .04)



Emmanuel B, et al. AASLD 2016. Abstract 22. Reproduced with permission.