



BRITISH COLUMBIA
CENTRE *for* EXCELLENCE

Treatment as Prevention

The Key to End HIV/AIDS

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25TH ANNUAL **HEALTHCARE** SUMMIT

HONOURING THE LEGACY OF DR. PIETER CULLIS

JUNE 23-24, 2025

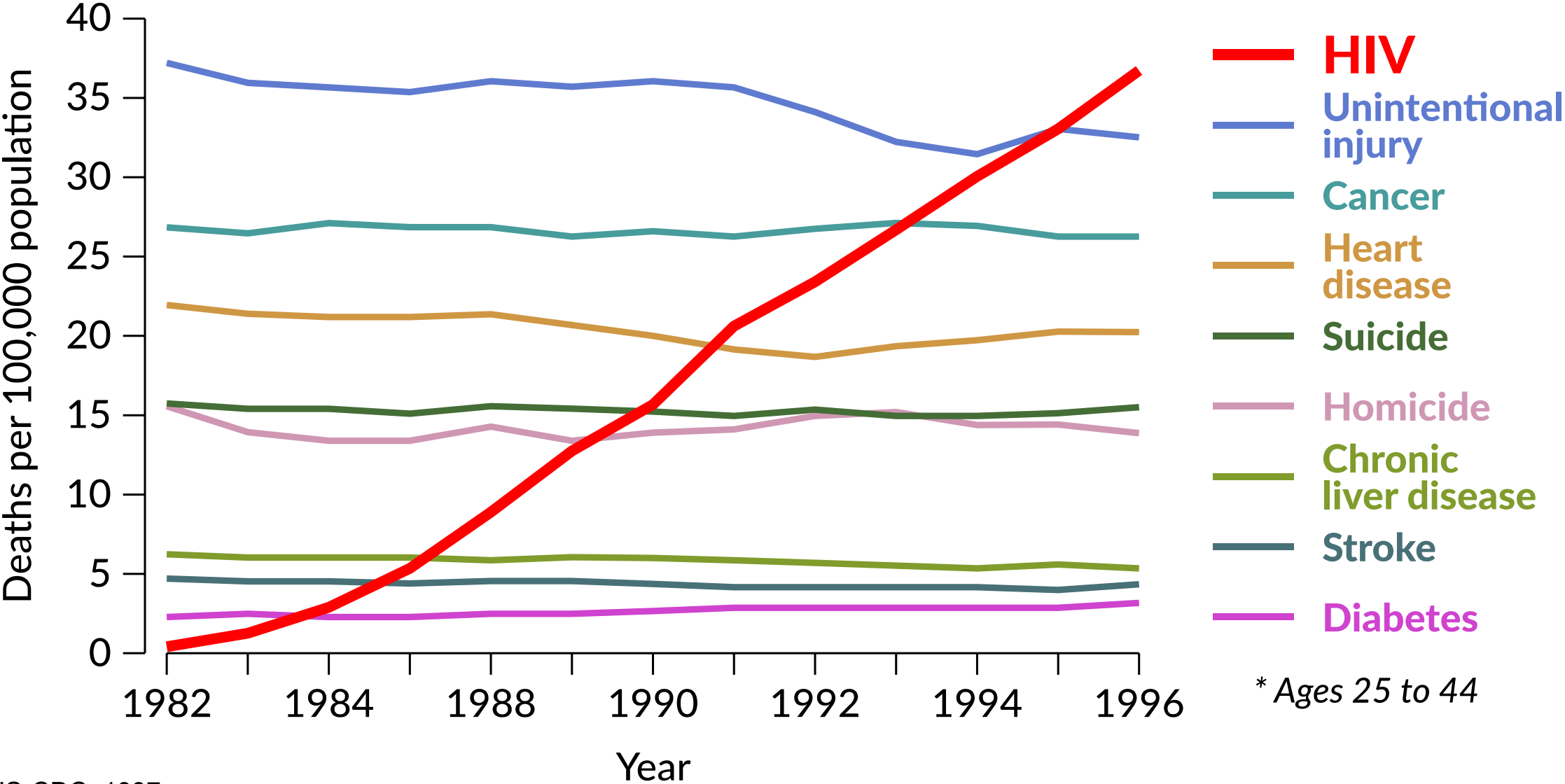




“The Canadian Medical Association is deeply sorry for the harms First Nations, Inuit and Métis Peoples have experienced and continue to experience in the Canadian health system. The racism and discrimination that Indigenous patients and health care providers face is deplorable, and we are deeply ashamed.”

Drs. J. Reimer and A. Lafontaine, Victoria, B.C., Sept. 18th 2024

DEATH RATES: USA, MEN AGES 25 TO 44

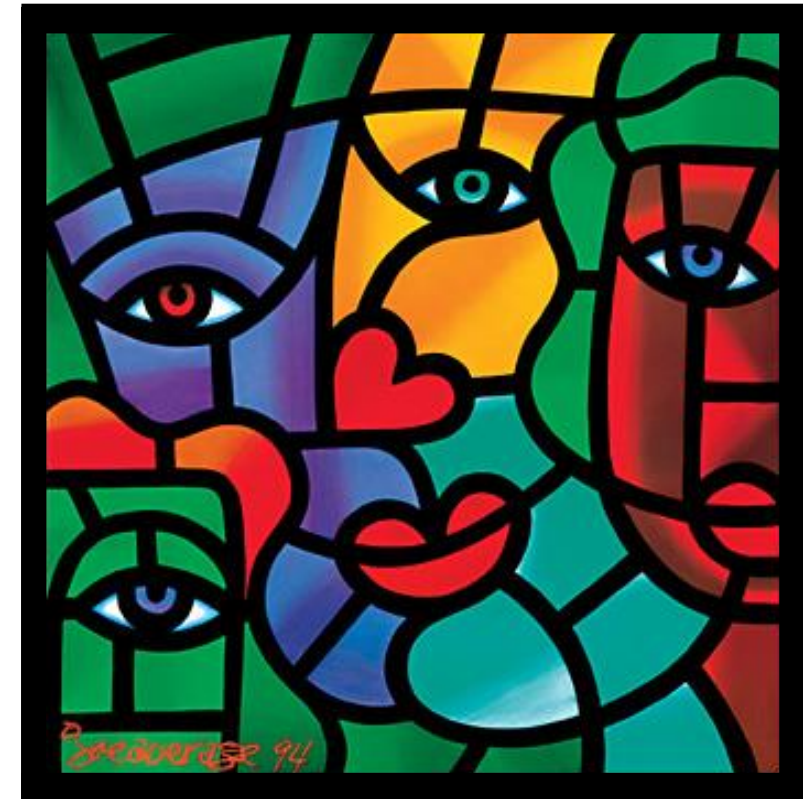
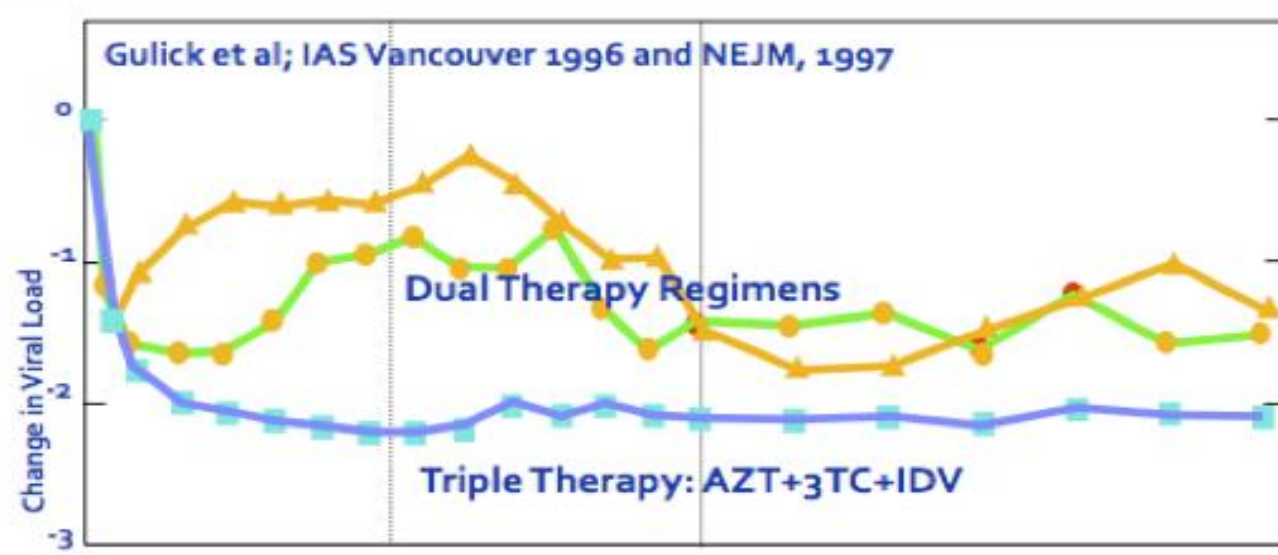
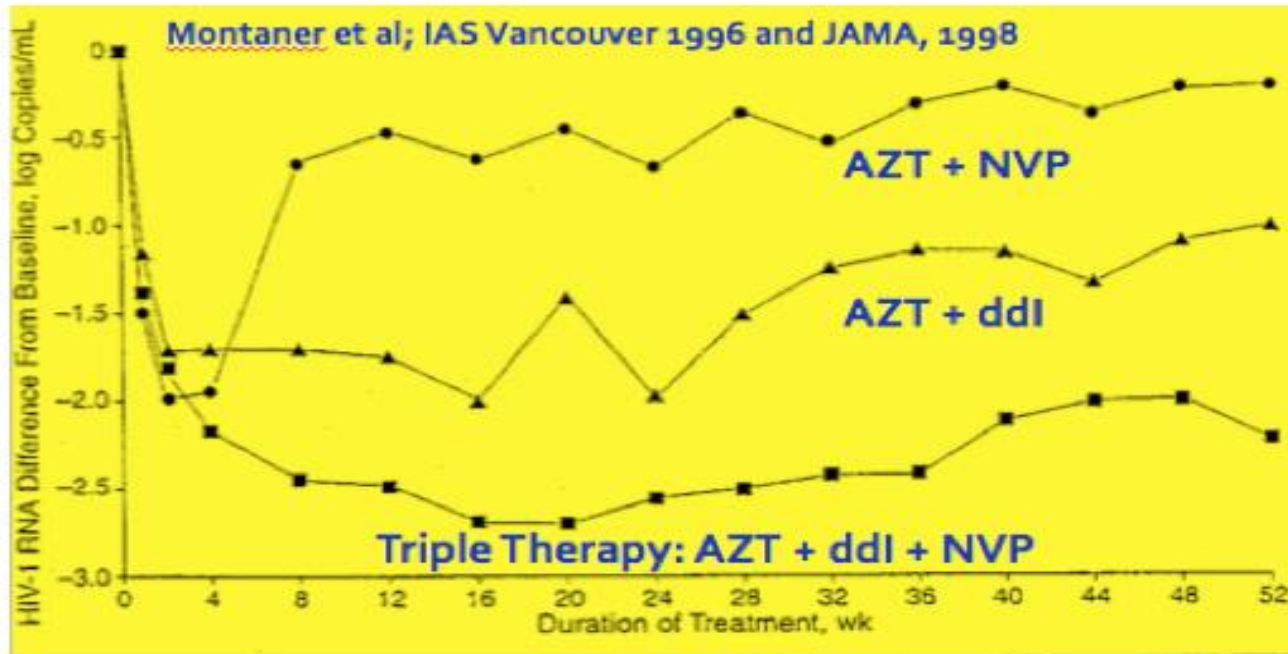


* Ages 25 to 44

1996 INTERNATIONAL AIDS CONFERENCE



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in HIV/AIDS



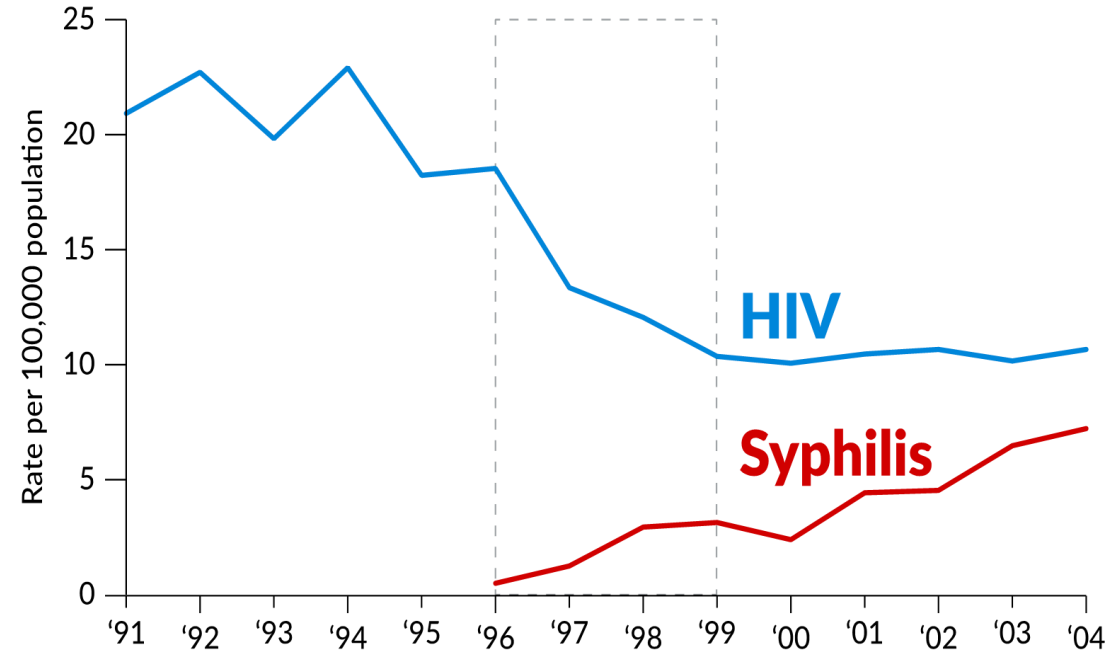
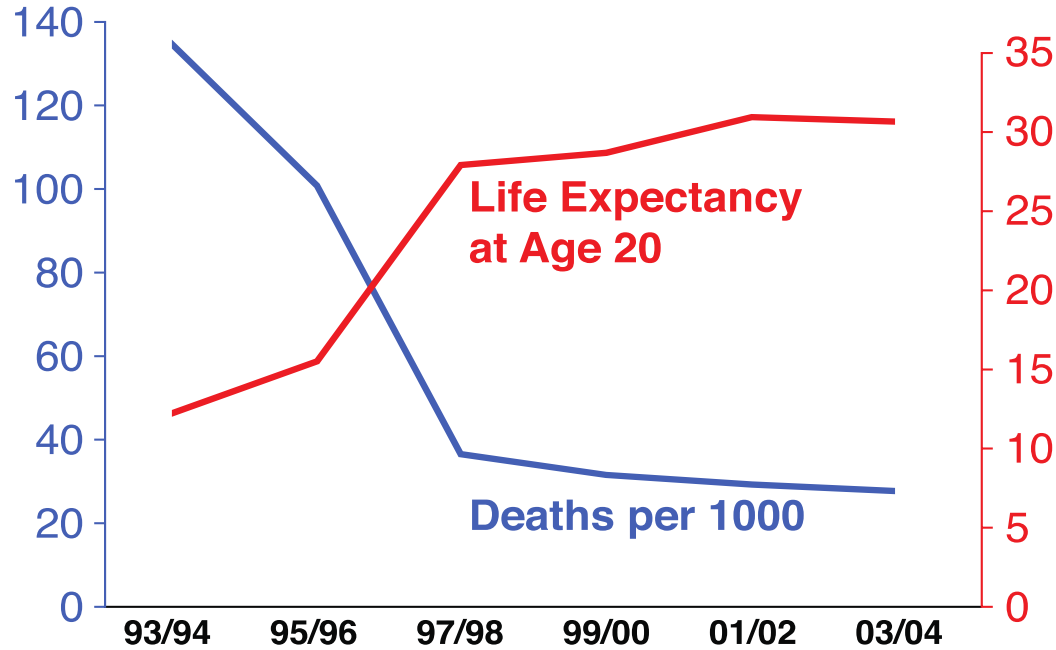
“One World One Hope”

VANCOUVER 1996 “ONE WORLD, ONE HOPE”

IMPACT OF HAART IN BC



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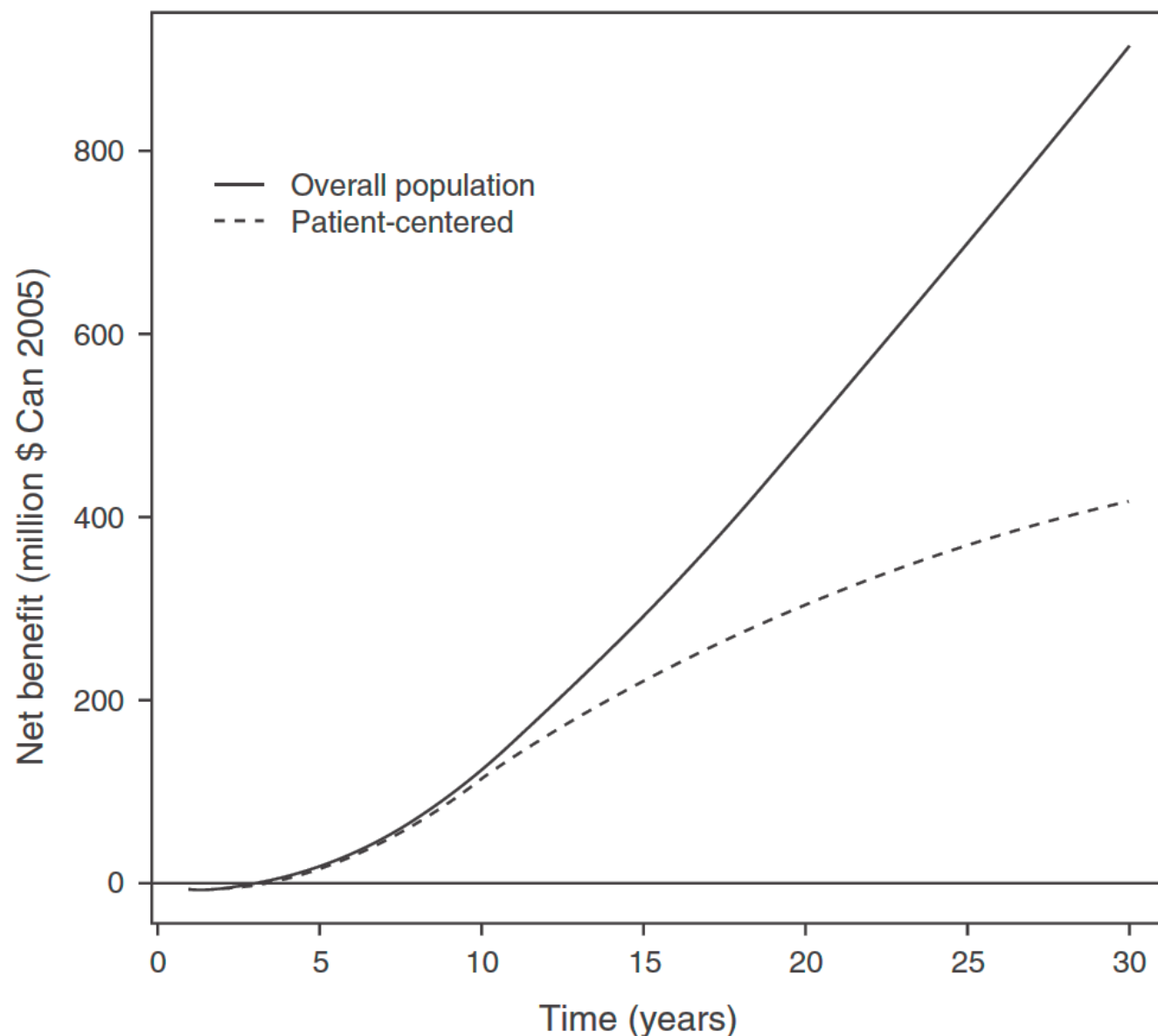
THE LANCET 2006,368:531-536

Viewpoint

The case for expanding access to highly active antiretroviral therapy to curb the growth of the HIV epidemic.

Julio Montaner et al.

HIV-TasP SAVES LIVES and MONEY



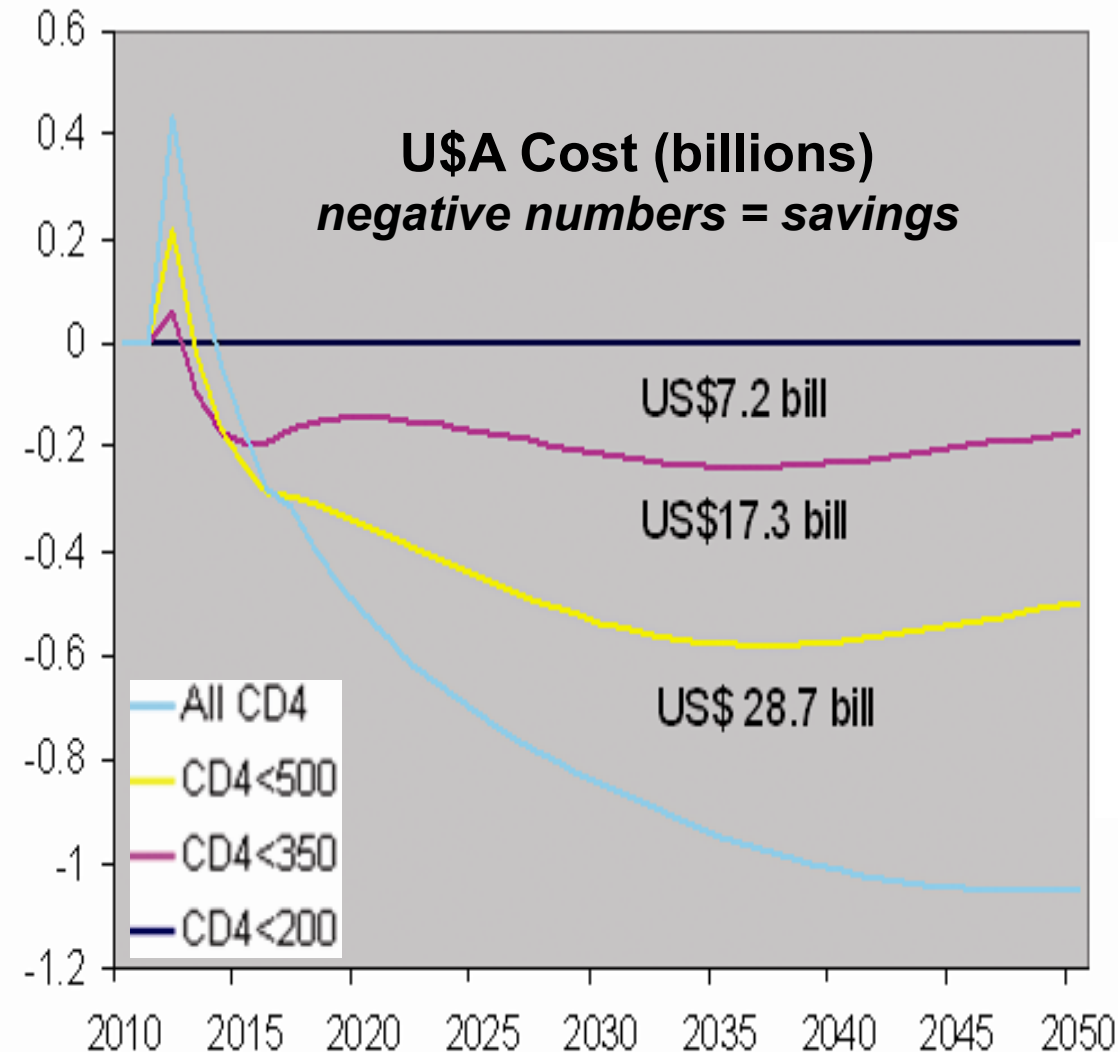
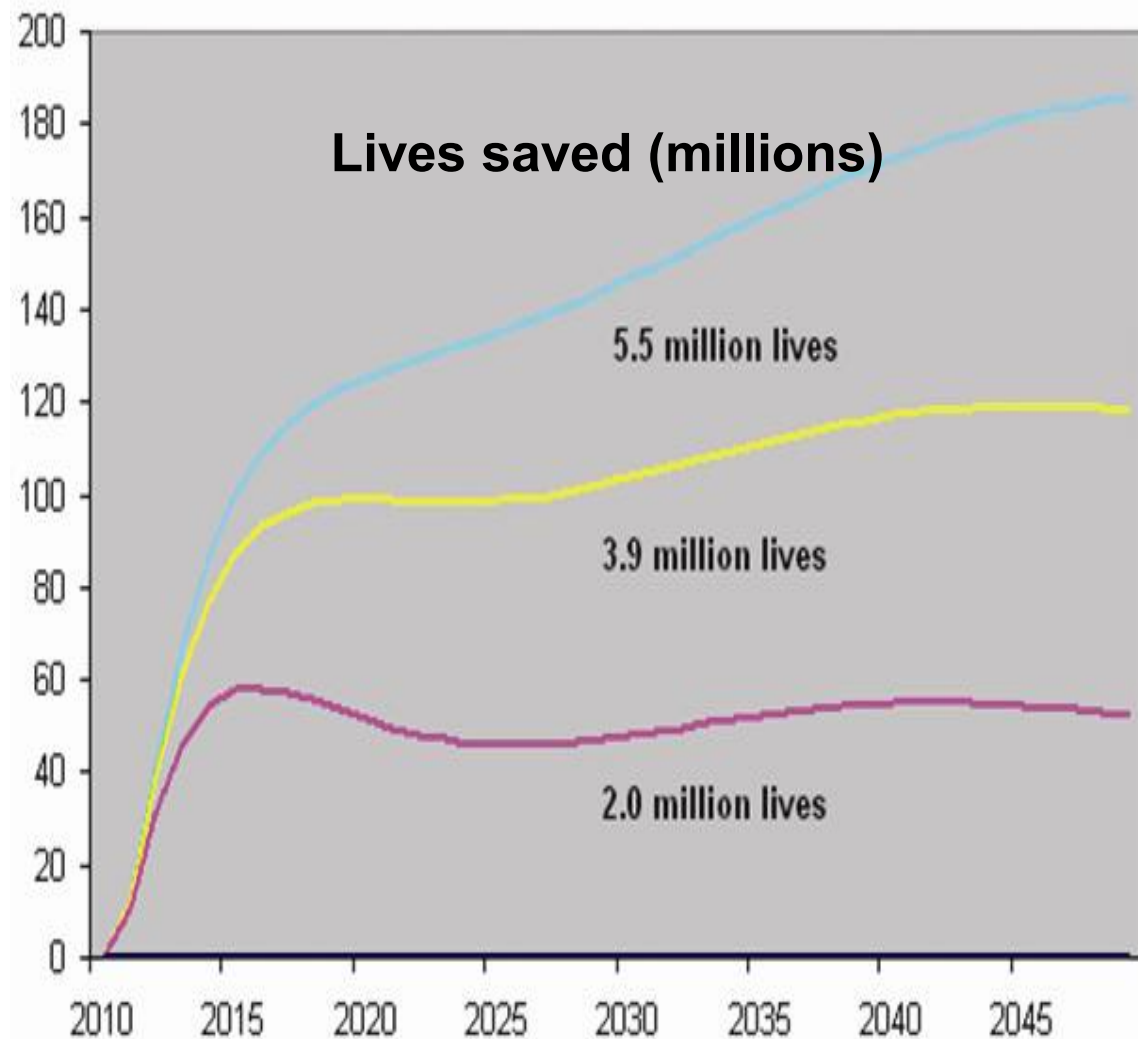
Overall population and patient-centered incremental net benefit associated with immediately increasing HAART from 50 to 75% and measuring costs and benefits over a simulated period of 30 years, based on a willingness-to-pay threshold of US\$ 50 000 per quality-adjusted life year.

K. Johnston, et al. AIDS 2010, 24:1929–1935

HIV-TasP SAVES LIVES and MONEY



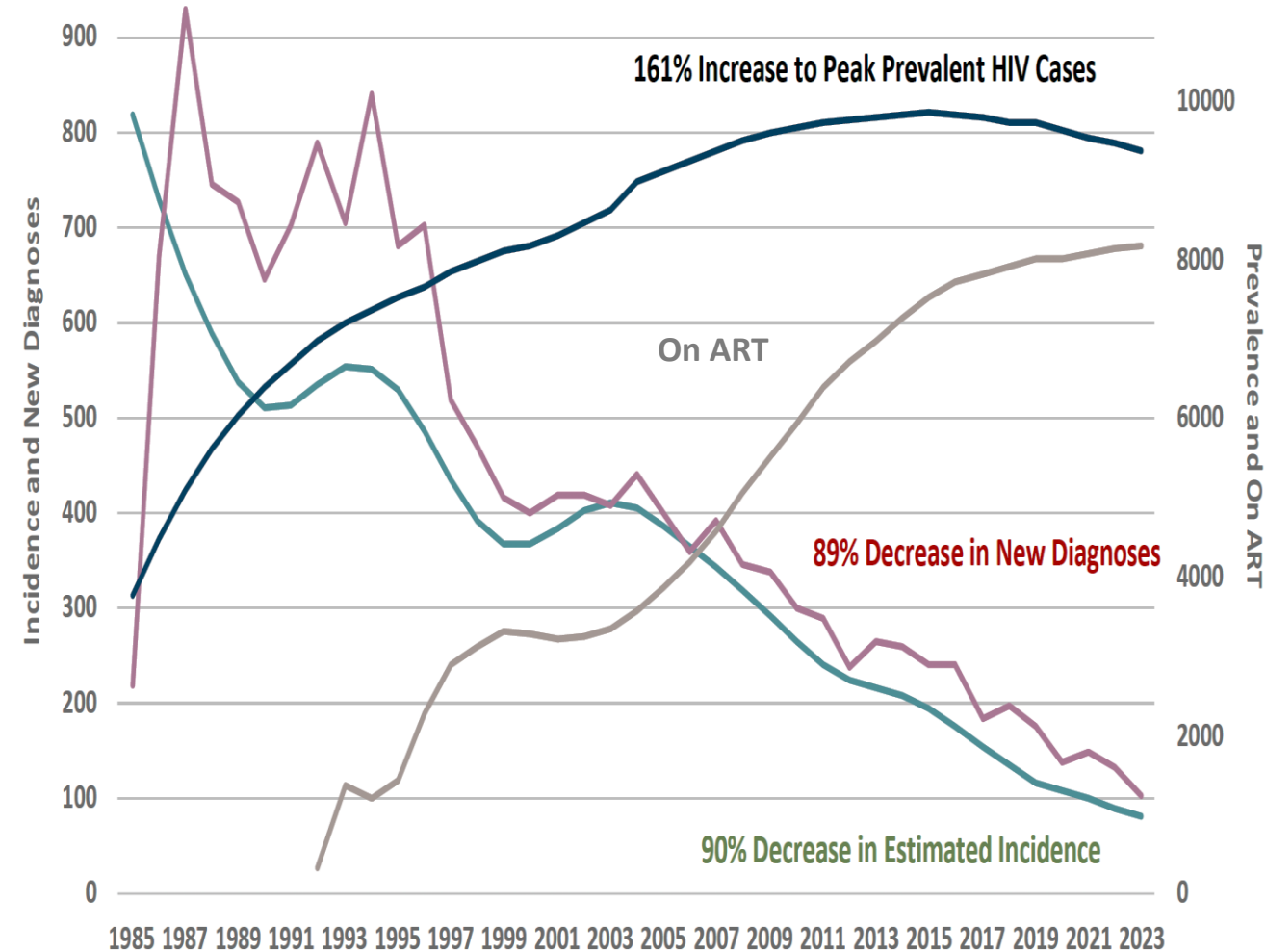
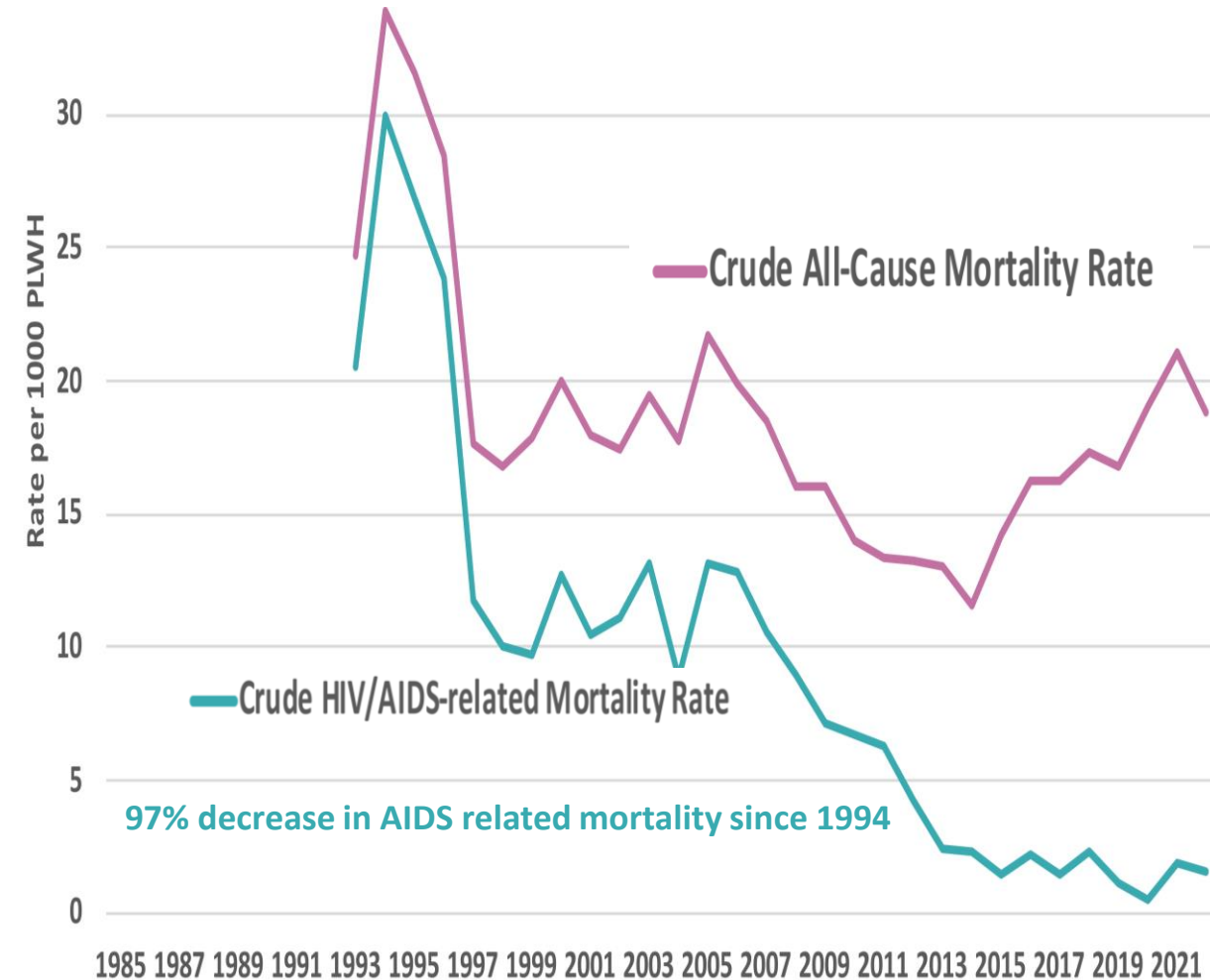
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in HIV/AIDS



Granich et al. Expanding ART for Treatment and Prevention of HIV in South Africa:
Estimated Cost and Cost-Effectiveness 2011-2050. Plos Med

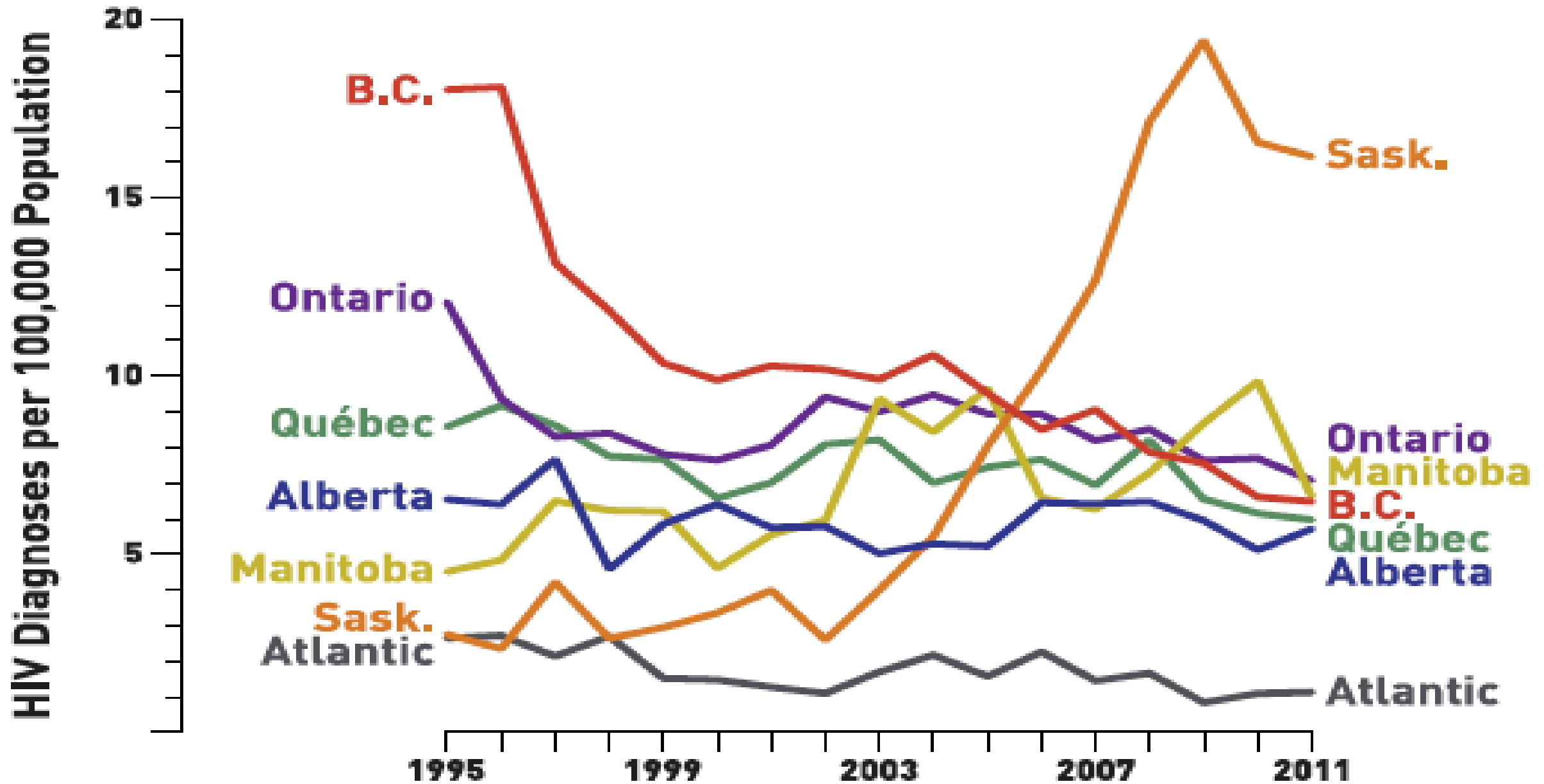
Key HIV Epidemic Indicators in BC

V. Lima, J. Zhu, R. Barrios, J. Toy, J. Joy, B. Williams, R. Granich, J. Wong & J. Montaner. Lancet HIV, 2024

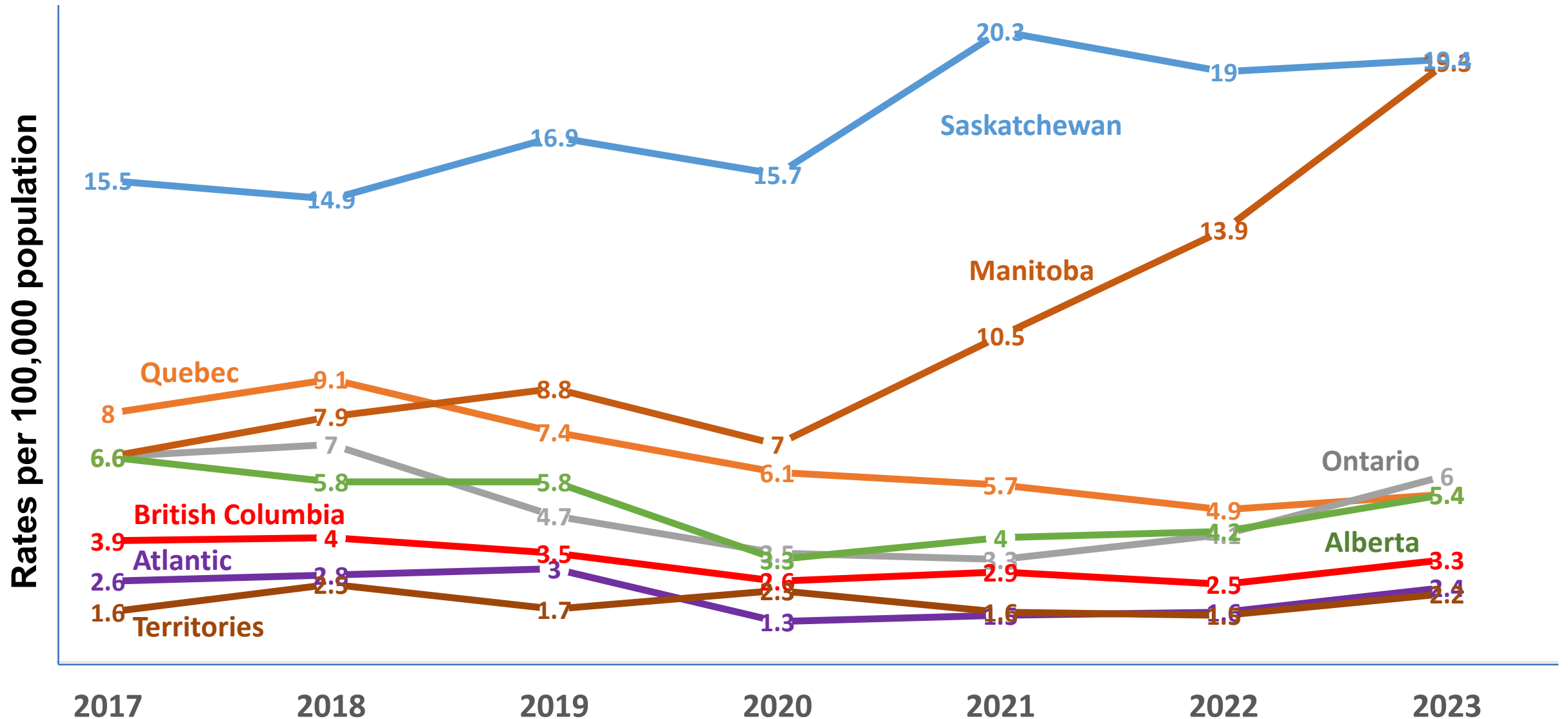


1996: HAART → 2006: TasP → 2008: TasP Pilot → 2010: TasP Expansion → 2018: PrEP

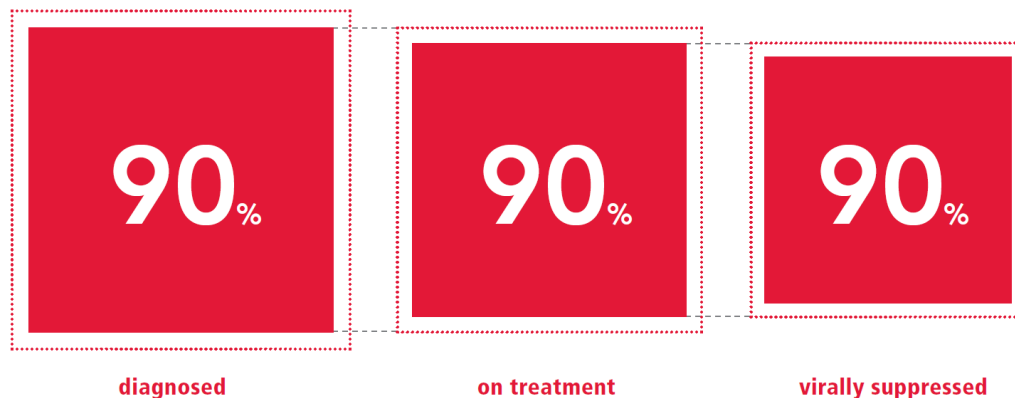
HIV Diagnoses in Canada 1995-2011



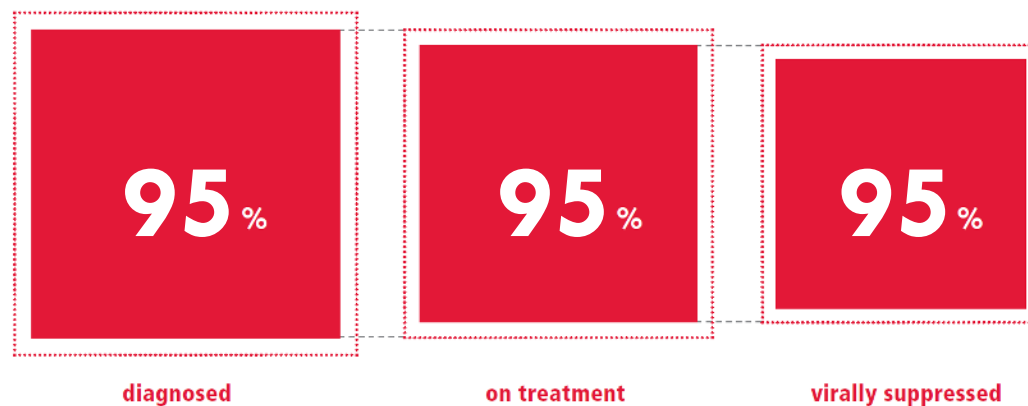
HIV Diagnoses in Canada, 2017-23



AN AMBITIOUS TREATMENT TARGET TO END THE AIDS PANDEMIC*



The 90-90-90 by 2020 Target as proposed by the BC-CfE was adopted by the Federal Government of Canada, and the UN in 2015



ANTÓNIO GUTERRES
UNITED NATIONS SECRETARY-GENERAL

The 95-95-95 by 2025 Target as proposed by the BC-CfE was adopted by the Federal Government of Canada, and the UN in the Spring of 2021

* Defined as decreasing overall disease burden (M&M&T) by 90% from global 2010 levels



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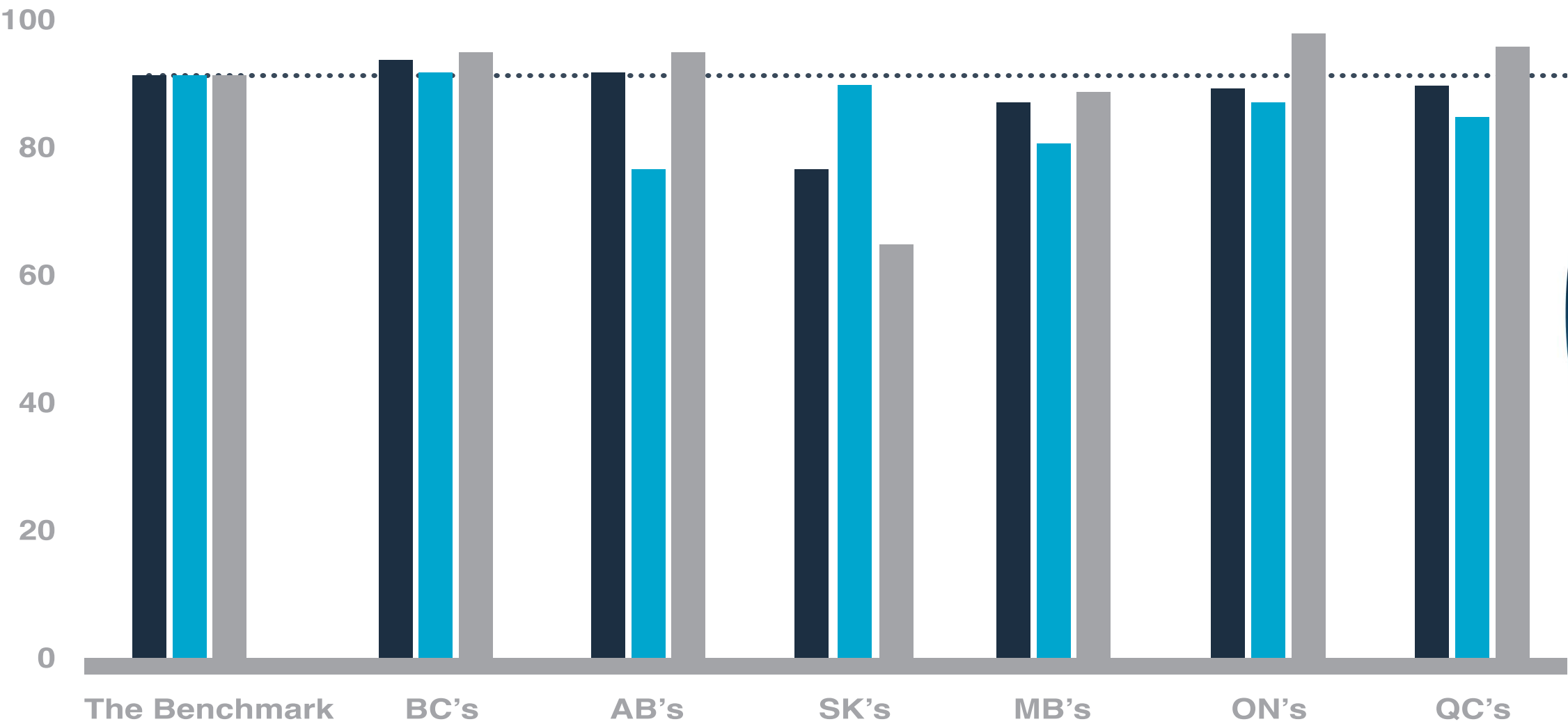


Providence
Health Care



UN 90-90-90 TARGET (LARGE PROVINCES ONLY)

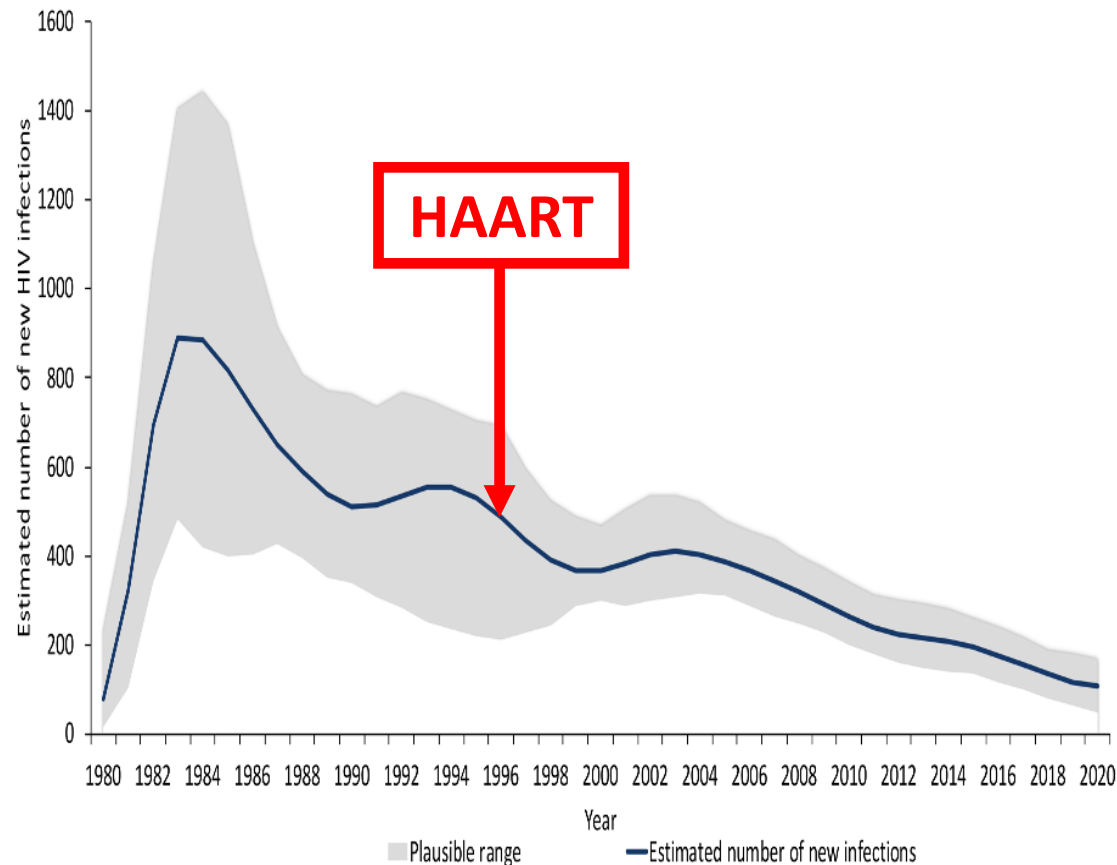
ESTIMATED NUMBER AND PERCENTAGE OF PERSONS LIVING WITH HIV, DIAGNOSED, ON TREATMENT, AND VIRALLY SUPPRESSED BY PROVINCE OR REGION, AT THE END OF 2020



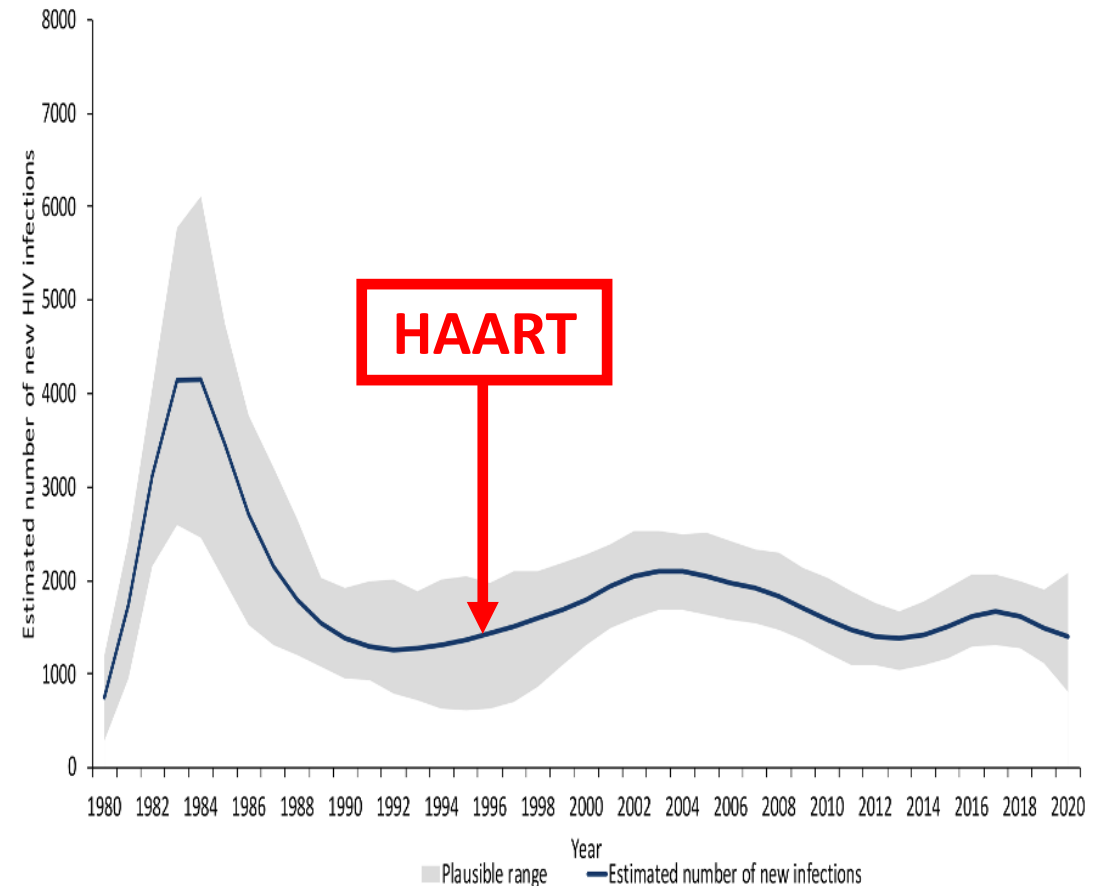
HIV INCIDENCE - BRITISH COLUMBIA & Rest of CANADA

1980 to 2020 Estimates provided by PHAC

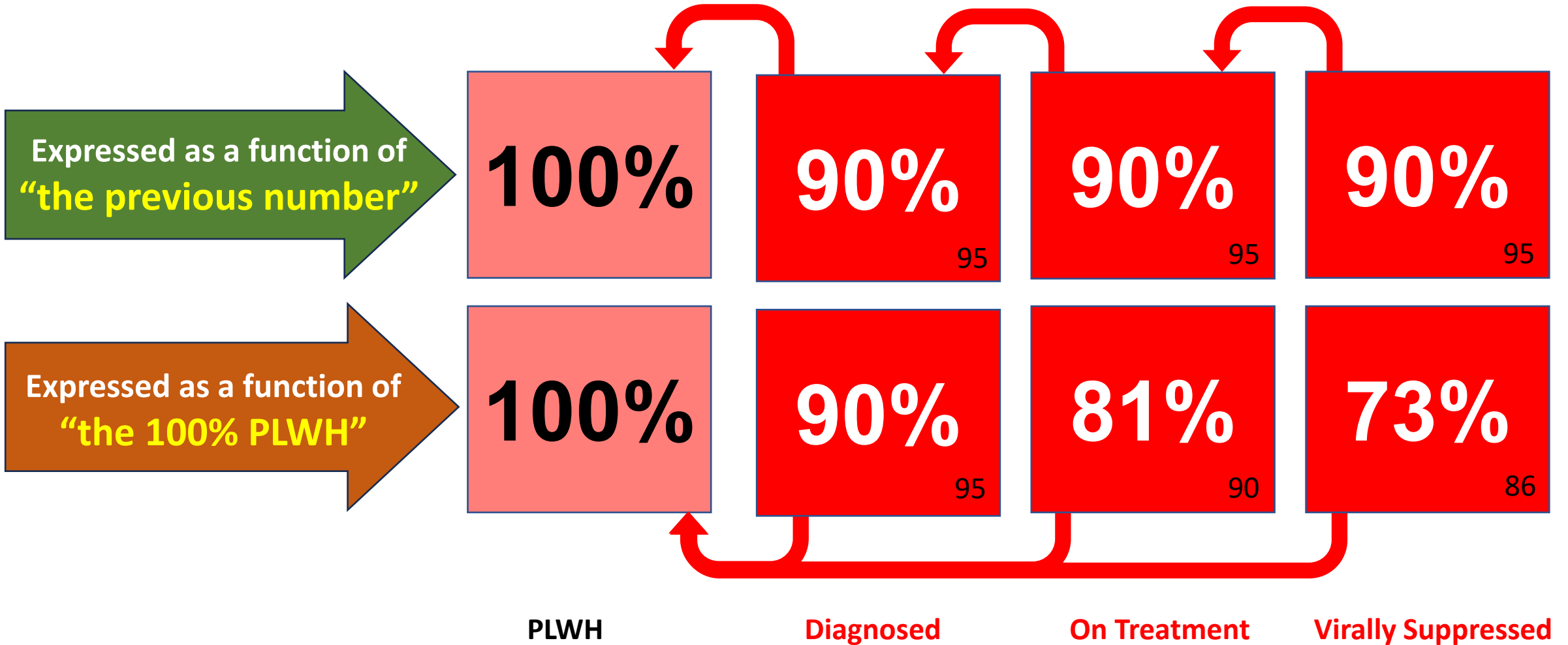
HIV Incident cases in British Columbia



HIV Incident cases in Canada (excl. BC)



ANOTHER LOOK AT THE 90-90-90 TARGET

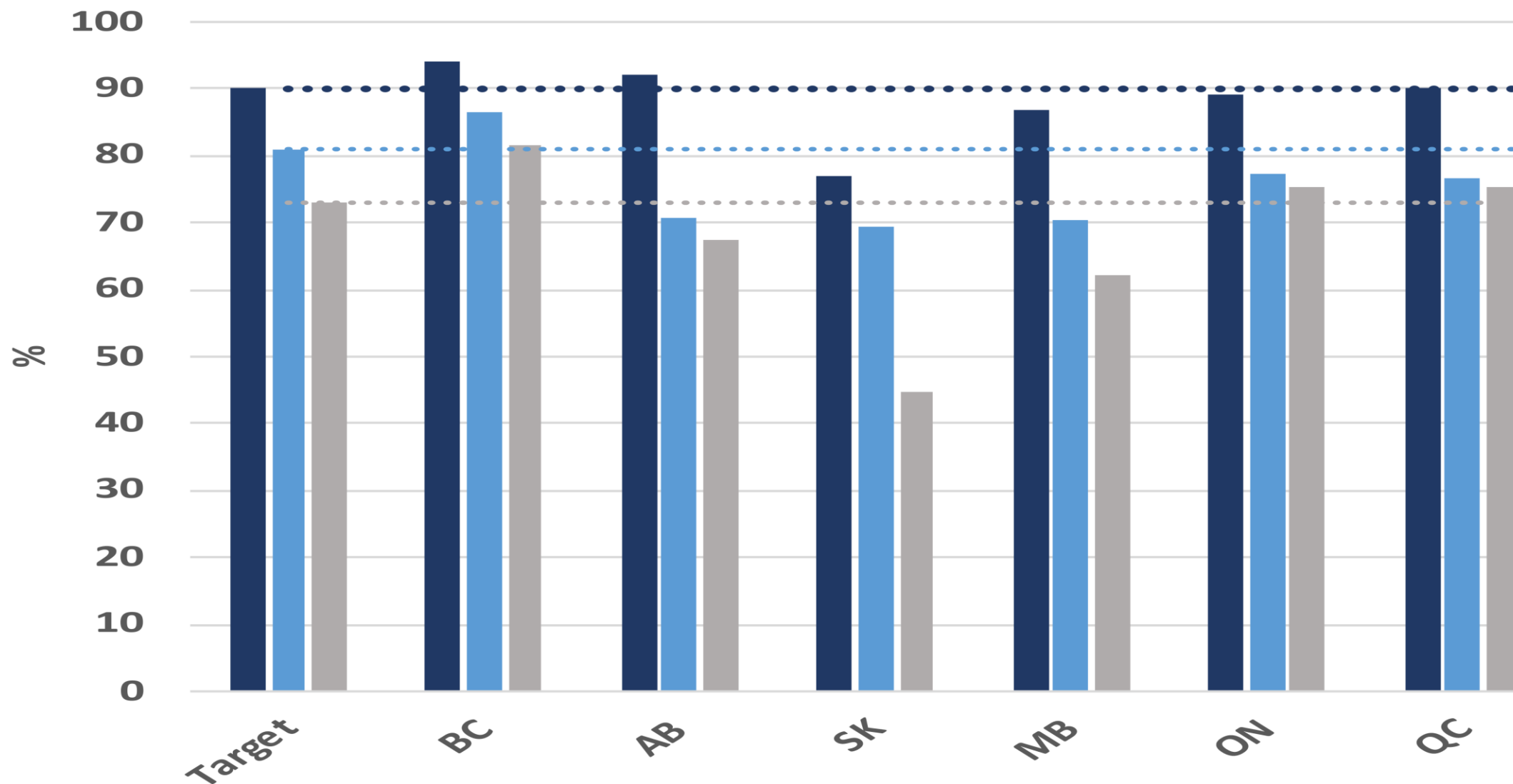


UN 90-90-90 TARGET (LARGE PROVINCES ONLY)



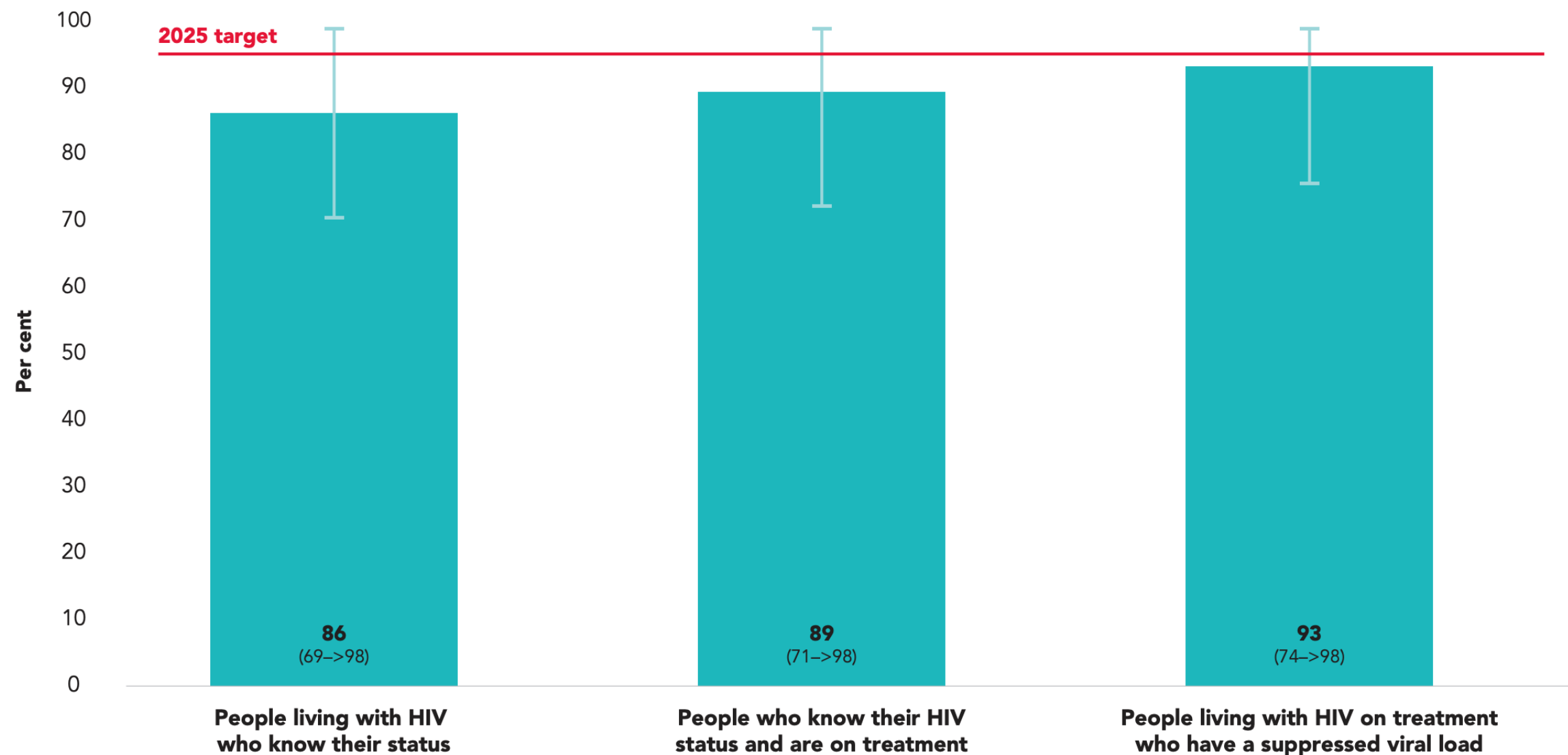
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Redrawn using the first 90 as the benchmark (Revised 90-90-90 Target becomes 90-81-73)



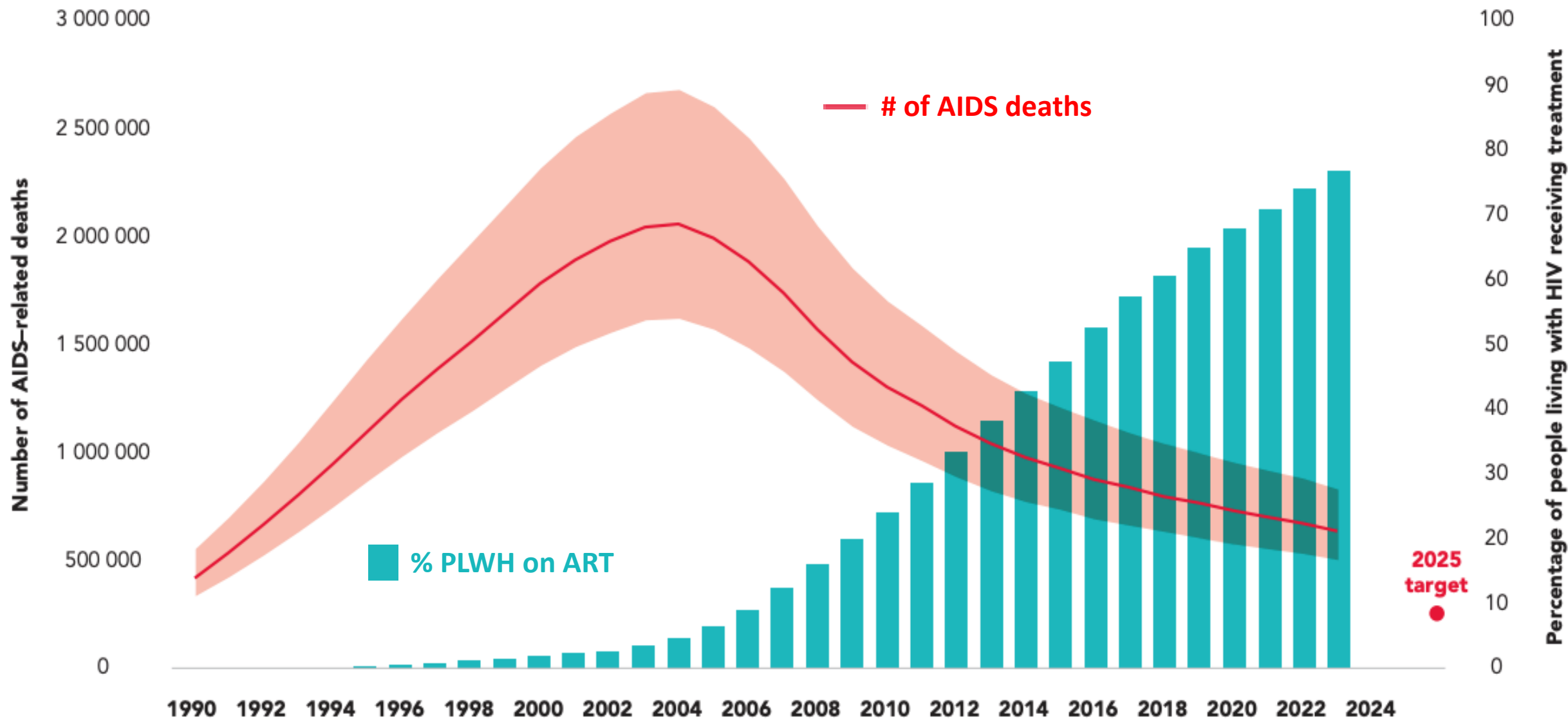


Progress towards the UN 95-95-95 Target, Globally, 2023



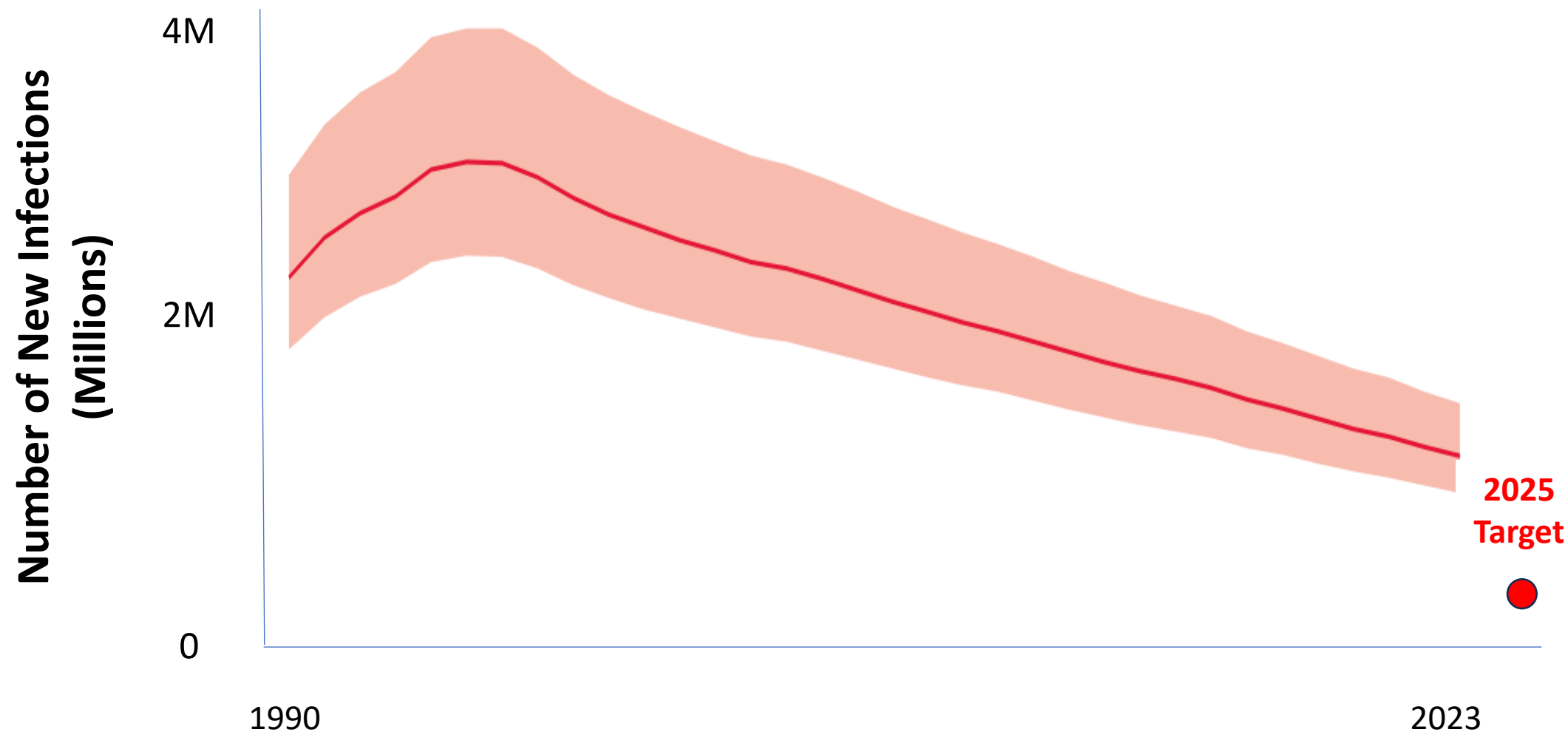
Source: Global AIDS Monitoring, 2024 (<https://aidsinfo.unaids.org/>).

AIDS-deaths and Percentage of PLWH on ART, Globally, 1990 - 2023



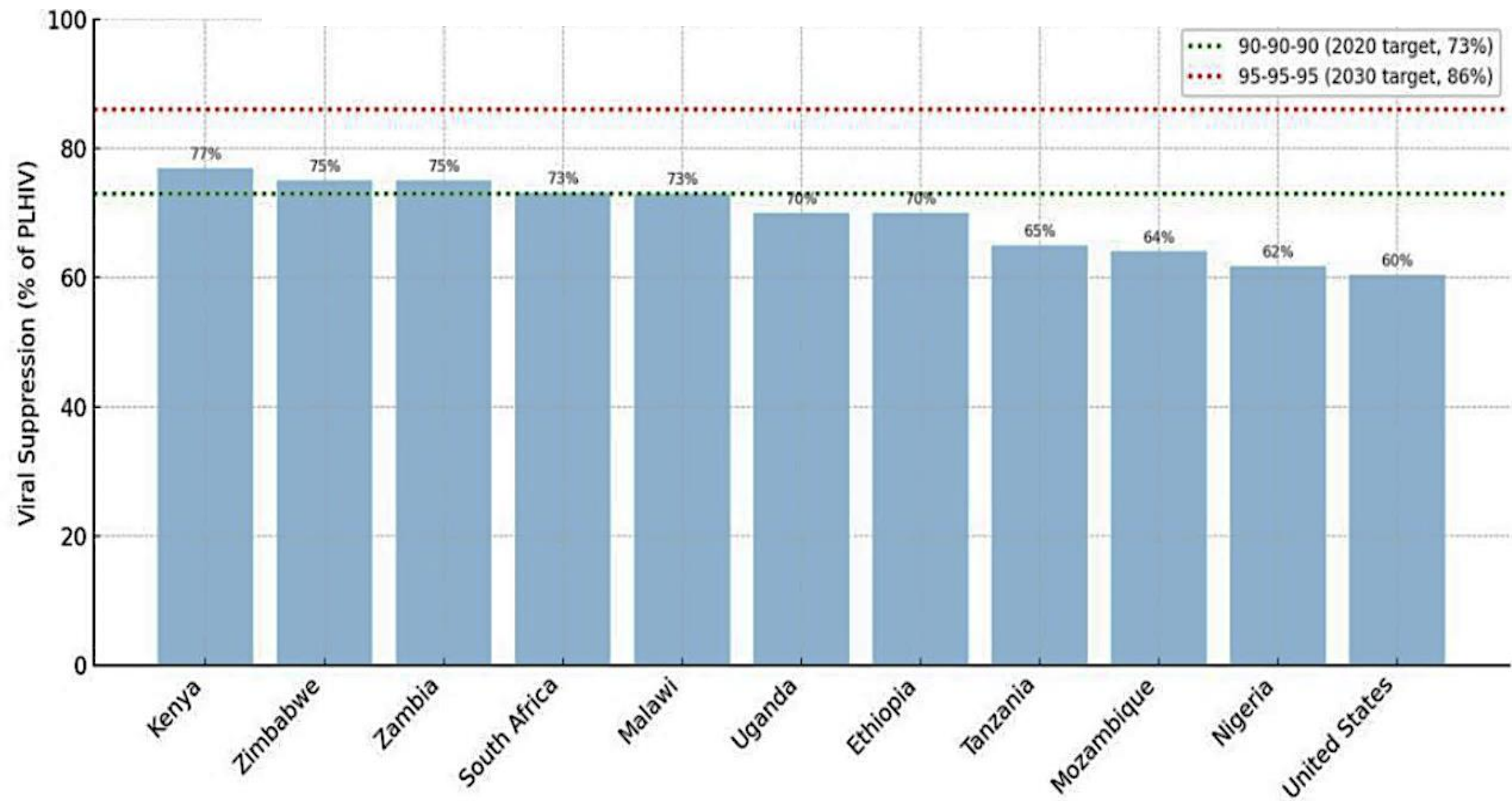
Source: Global AIDS Monitoring, 2024 (<https://aidsinfo.unaids.org/>).

Number of New Infections, Globally 1990-2023



Source: Global AIDS Monitoring, 2024 (<https://aidsinfo.unaids.org/>).

Estimated % of PLWH with U/D Viral Load, by Country



The
Economist

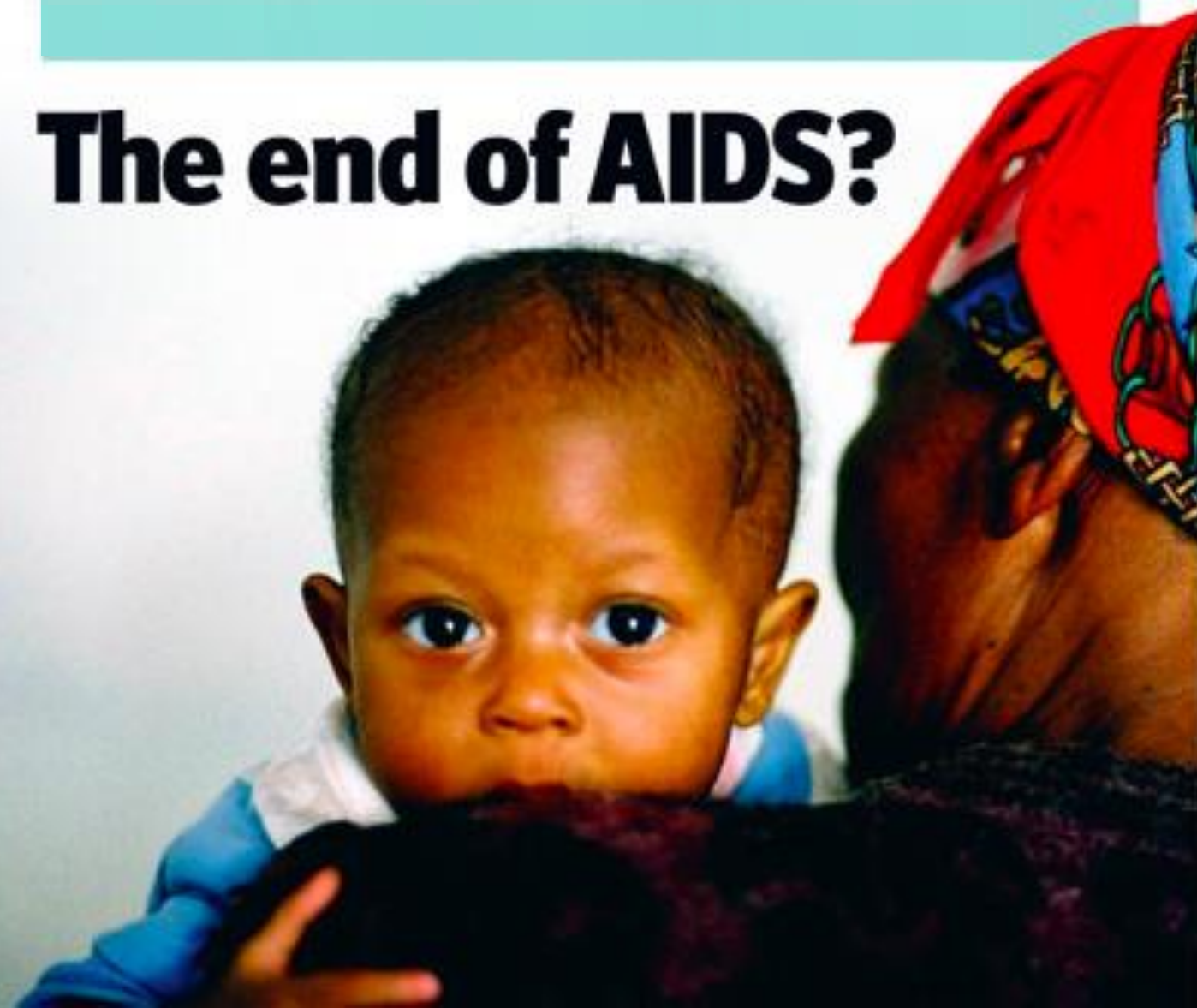
The trap for Turkey

Wall Street's plumbing problem

Lady Gaga, Mother Teresa and profits

Brazil's boiling economy

The end of AIDS?





TRUMP'S DEPT. OF GOVERNMENT EFFICIENCY
Death Sentence: The real cost of Trump's aid cuts on HIV

U.S. CUTS TO
PUBLIC HEALTH
MAY BRING
DISEASES TO CANADA

FORMER CDC DIRECTOR
ISSUES WARNING AFTER
RFK JR. SLASHES JOBS

Trump team guts AIDS-eradication programme and slashes HIV research grants

nature

More than 200 federal grants for research related to HIV and AIDS have been abruptly terminated in the past few weeks.

The Aids crisis was set to end by 2030 – now Trump's cuts will mean 4 million more deaths

HIV infections and deaths from Aids are set to skyrocket in the next five years if US-funded programmes are not reinstated, write [Rachel Schraer](#), [Alicja Hagopian](#), [Bel Trew](#) and [Rebecca Thomas](#)

Wednesday 28 May 2025 11:12 BST • [41](#) Comments



SCIENCEINSIDER | HEALTH

'A bloodbath': HIV field is reeling after billions in U.S. funding are axed

USAID's promises to support lifesaving efforts are broken, putting millions in peril

28 FEB 2025 • 3:55 PM ET • BY [JON COHEN](#)

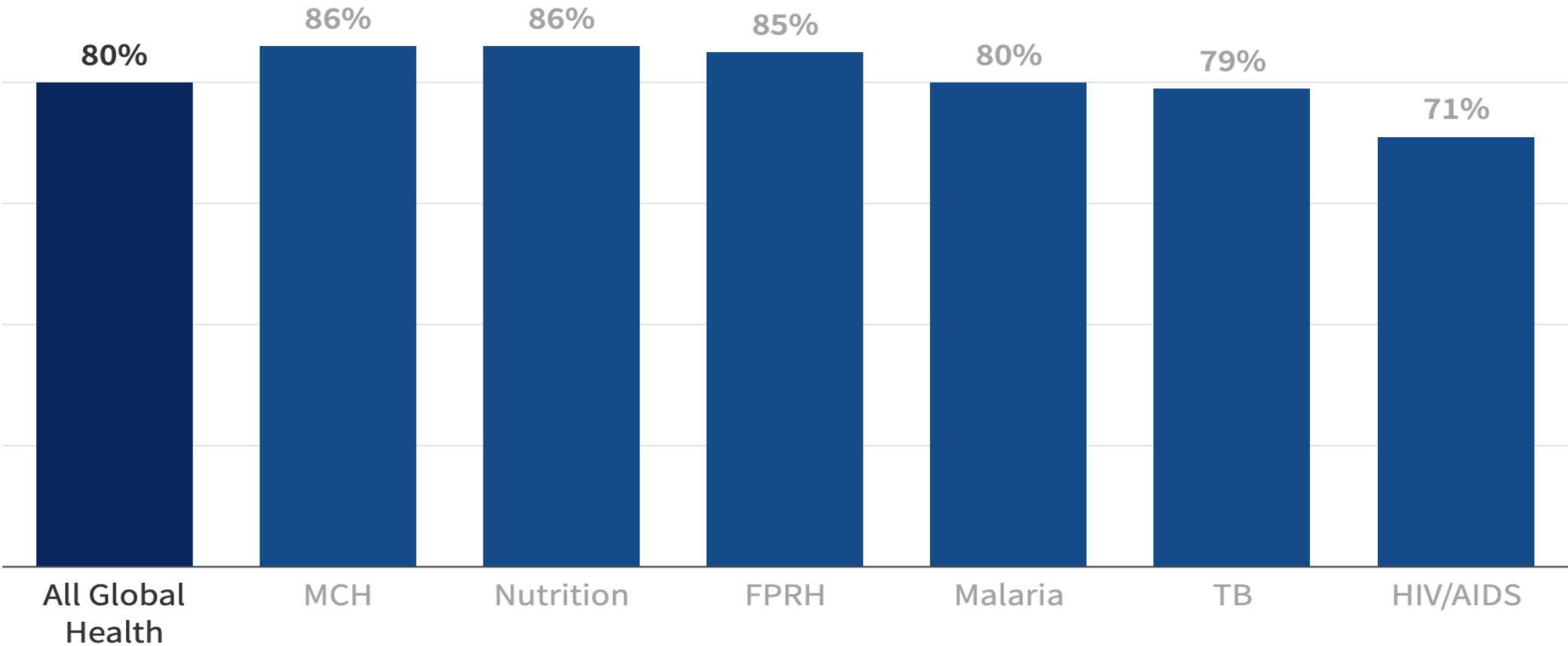


Terminated Share of US Global Health Awards, by Sub-sector

Jennifer Kates, Adam Wexler, Anna Rouw, and Stephanie Oum

[Home](#) // [Global Health Policy](#) // [Analysis of USAID's Active and Terminated Awards List: How Many Are Global Health?](#)

Apr 17, 2025

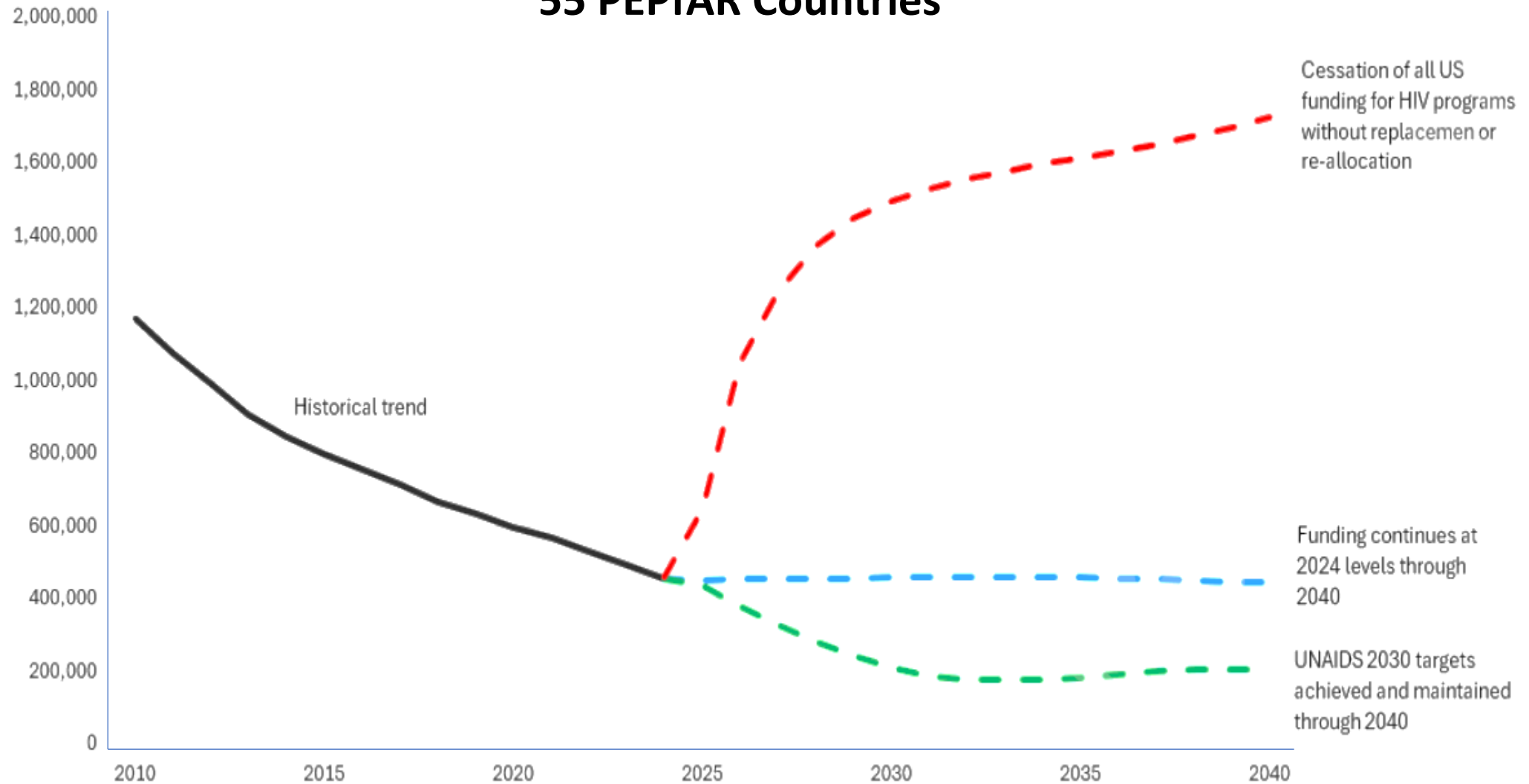


NOTES: FY18 represents the budget request only.

SOURCE: Kaiser Family Foundation analysis of data from the Office of Management and Budget, Agency Congressional Budget Justifications, Congressional Appropriations Bills, and U.S. Foreign Assistance Dashboard.

AIDS-related Deaths

55 PEPfAR Countries



Remaining Stocks of Key TasP Commodities*

Worse Impacted Countries, data derived from UNAIDS Fact Sheet: A snapshot on HIV commodity availability and management risks, from April 25th 2025, Updated May 8th 2025

ARVs

Burundi 3-6 months
Côte d'Ivoire <1 month
Ghana 2.5 months
Haiti 6 months
Nigeria 5 months
Uganda 3 months
Ukraine 1 month
Zimbabwe 3 months

HIV prevention

DRC 3-6 months
Ethiopia days
Ghana 5 months
Guatemala days
Kenya 1 month
Mali 3 months
Namibia 3-6 months
Togo 2-3 months
Uganda 3-6 months
Ukraine 2-5 months
Viet Nam 2 months
Zambia 2.7 months
Zimbabwe 5 months

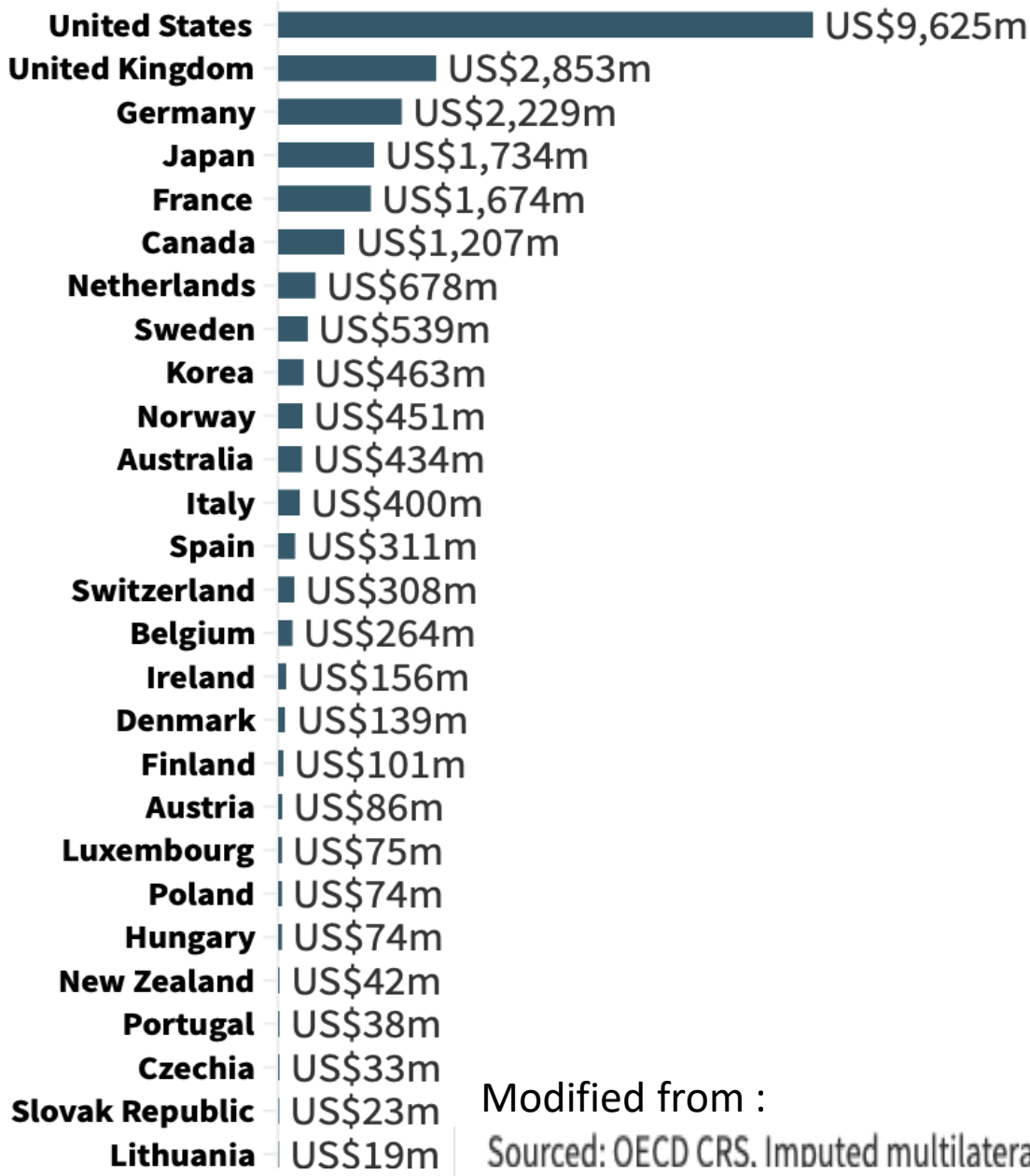
HIV testing

Angola 1 month
Côte d'Ivoire 1 month
DRC 3-6 months
El Salvador 3-6 months
Eswatini 3-6 months
Ethiopia days
Ghana 4 months
Guatemala days
Nepal 3-6 months
Uganda 3 months
Ukraine 4 months
Zambia 2 months

All will run out by the end of this Summer

DAC Donor Countries' Spending on Global Health 2022

US\$ millions, total ODA disbursements to the health sector (incl. bilateral and multilateral funding)

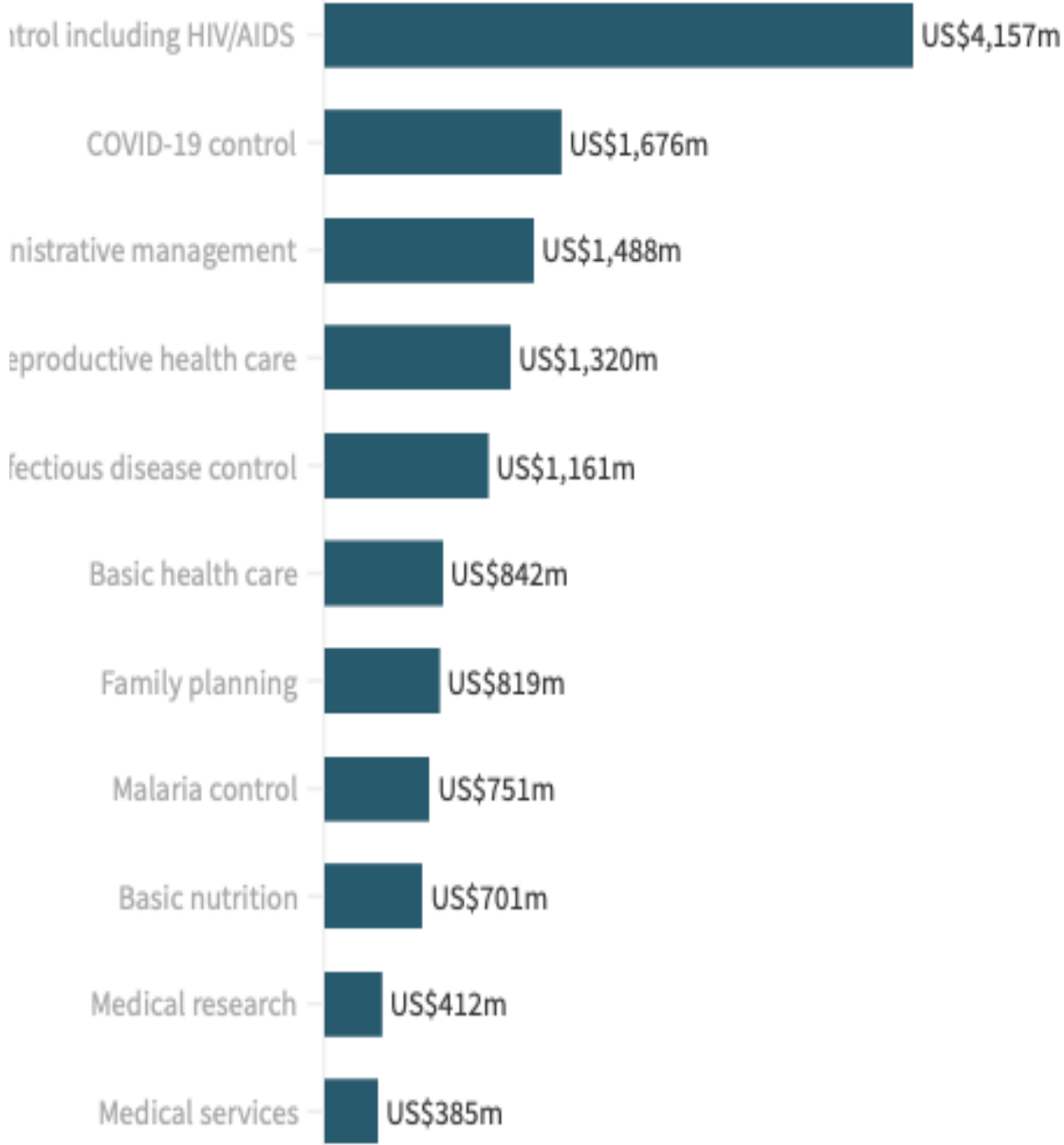


Modified from :

Sourced: OECD CRS. Imputed multilateral contributions to the health sector based on DAC Secretariat methodology by the ONE Campaign

DAC Donor Countries' Global Health Spending by Sub-Sector

US\$ millions. bilateral ODA by purpose code



Proposed 2025-2030 Plan

- **Redouble** efforts to meet the 95-95-95 Target
- **“End HIV/AIDS as an Epidemic”** in Canada by 2030
- **Fully fund** HAART and PrEP within Pharmacare
- Enhance **phylogenetic monitoring** of clusters nationally
- Set up a centralized **frequent** reporting at PHAC
- Harmonize **risk reduction** policies across the country
- Address the **overcriminalization** of HIV transmission
- Enhance **social/medical supports** for priority populations
- **Increase the support of the Global Fund** (Lead by example)

As a result, Canada will be providing much needed international leadership in the fight against HIV/AIDS





PROJECTED ESTIMATES

The permanent discontinuation of HIV programmes currently supported by PEPFAR (including treatment and prevention) would, between 2025 and 2029, lead to

- An **additional 6.6 million new HIV Infections:**
 - About 2300 additional new HIV infections per day
- An **additional 4.2 million AIDS-related deaths**
 - Over 600 additional AIDS-related deaths per day

**We Can and Must Avoid this Catastrophe.
Failure to do so would constitute a
CRIME AGAINST HUMANITY**