



PEPFAR
20 YEARS OF IMPACT

Next Frontier for Global HIV Prevention

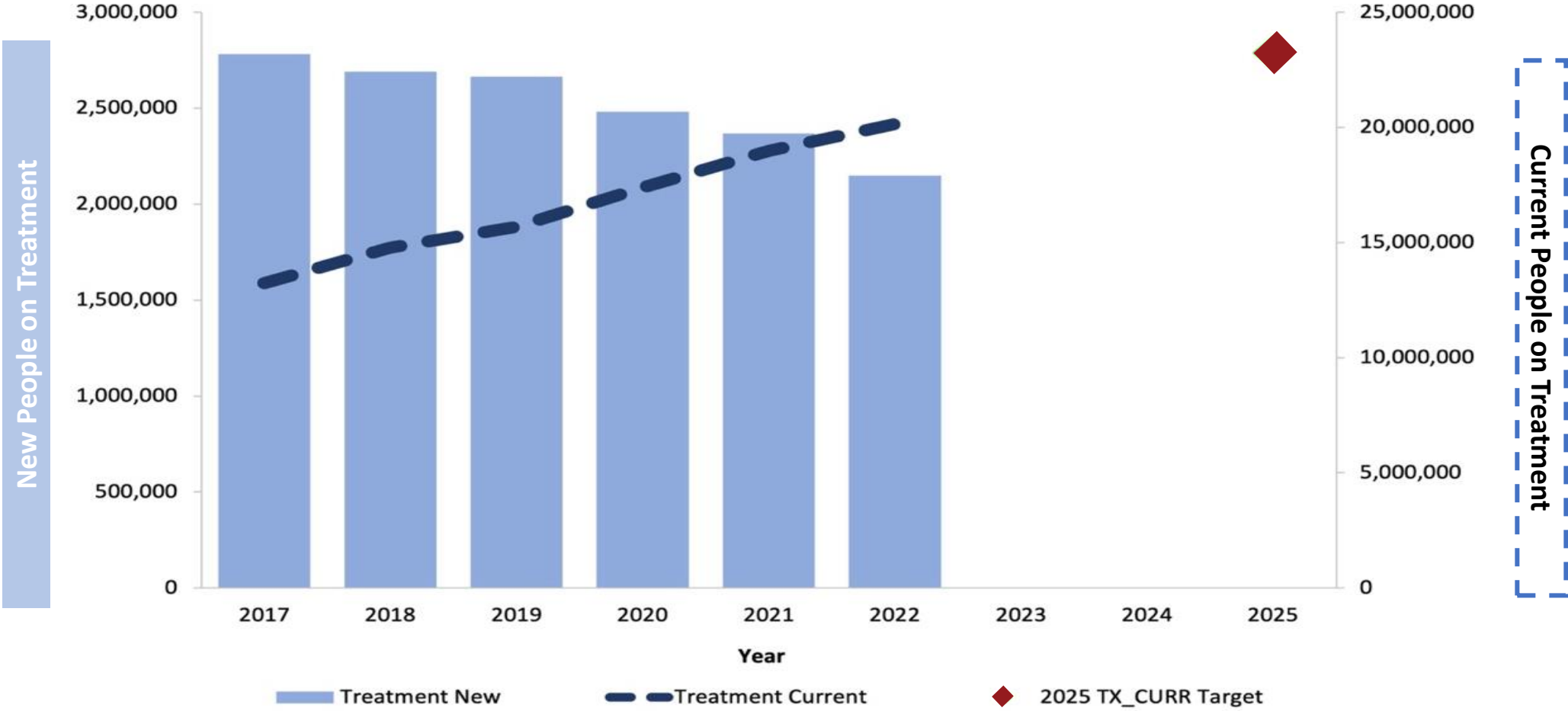
Irum Zaidi

Deputy Coordinator

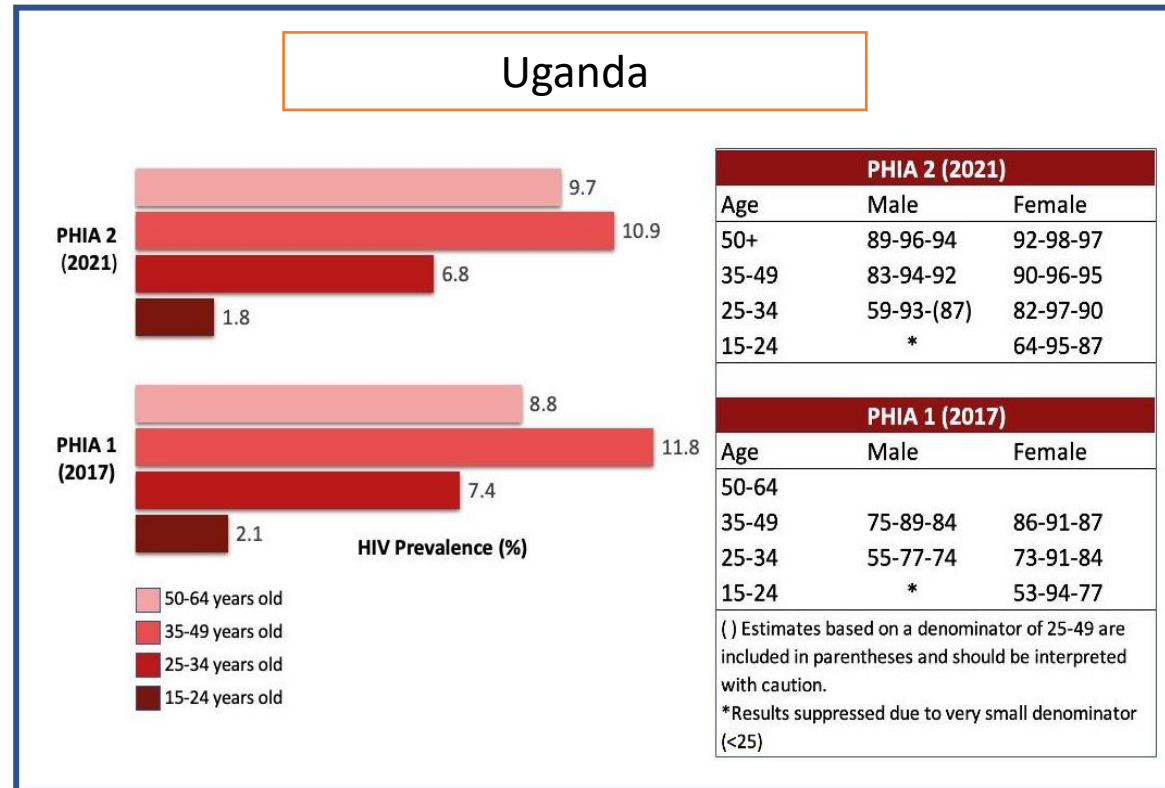
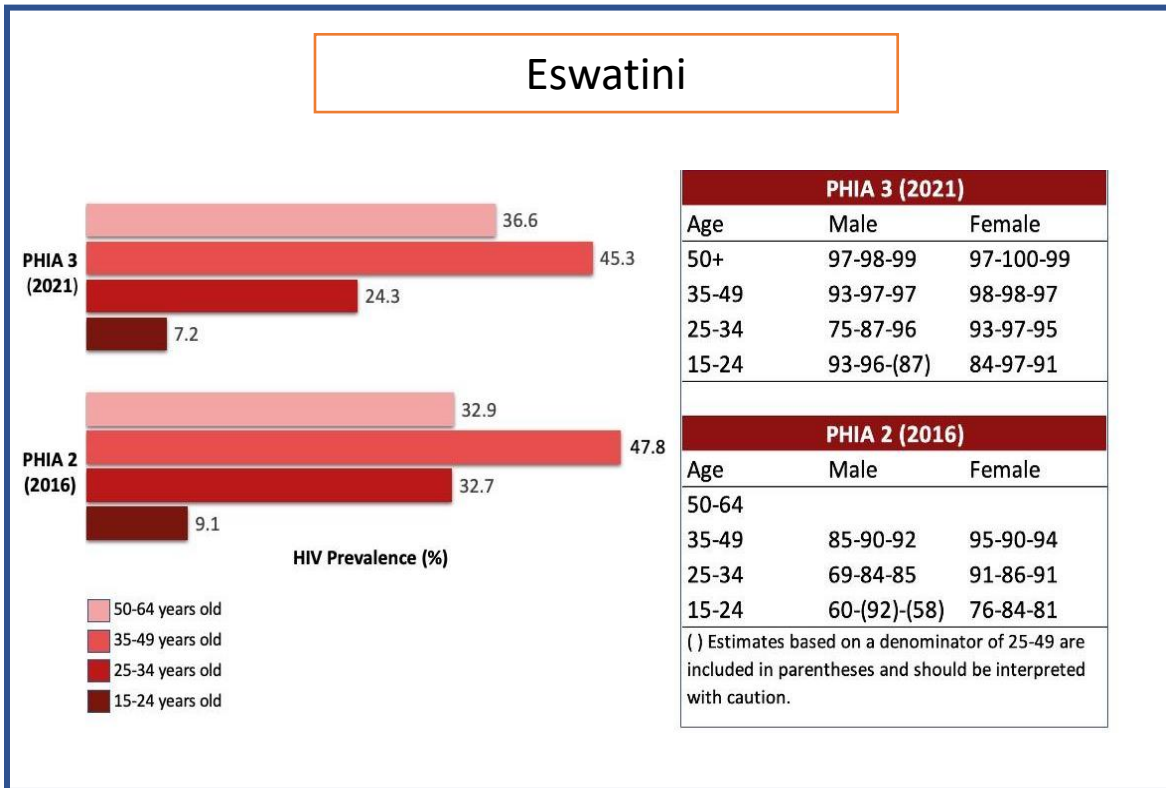
Office of the Global AIDS Coordinator, State Department

PEPFAR

Progress Made and Gaps Remaining to Reach 95-95-95 Targets



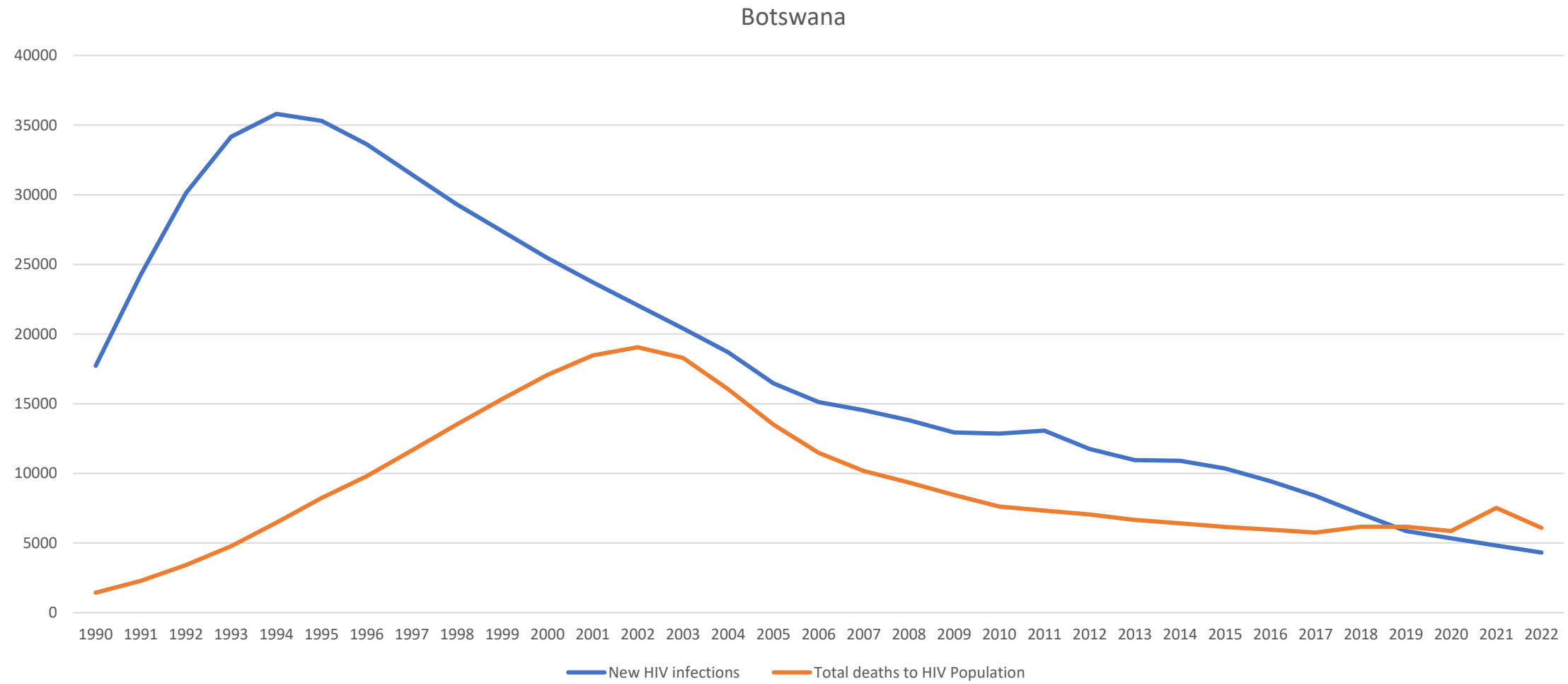
HIV Impact and Progress toward Health Equity and achieving 95-95-95 Targets in Eswatini and Uganda





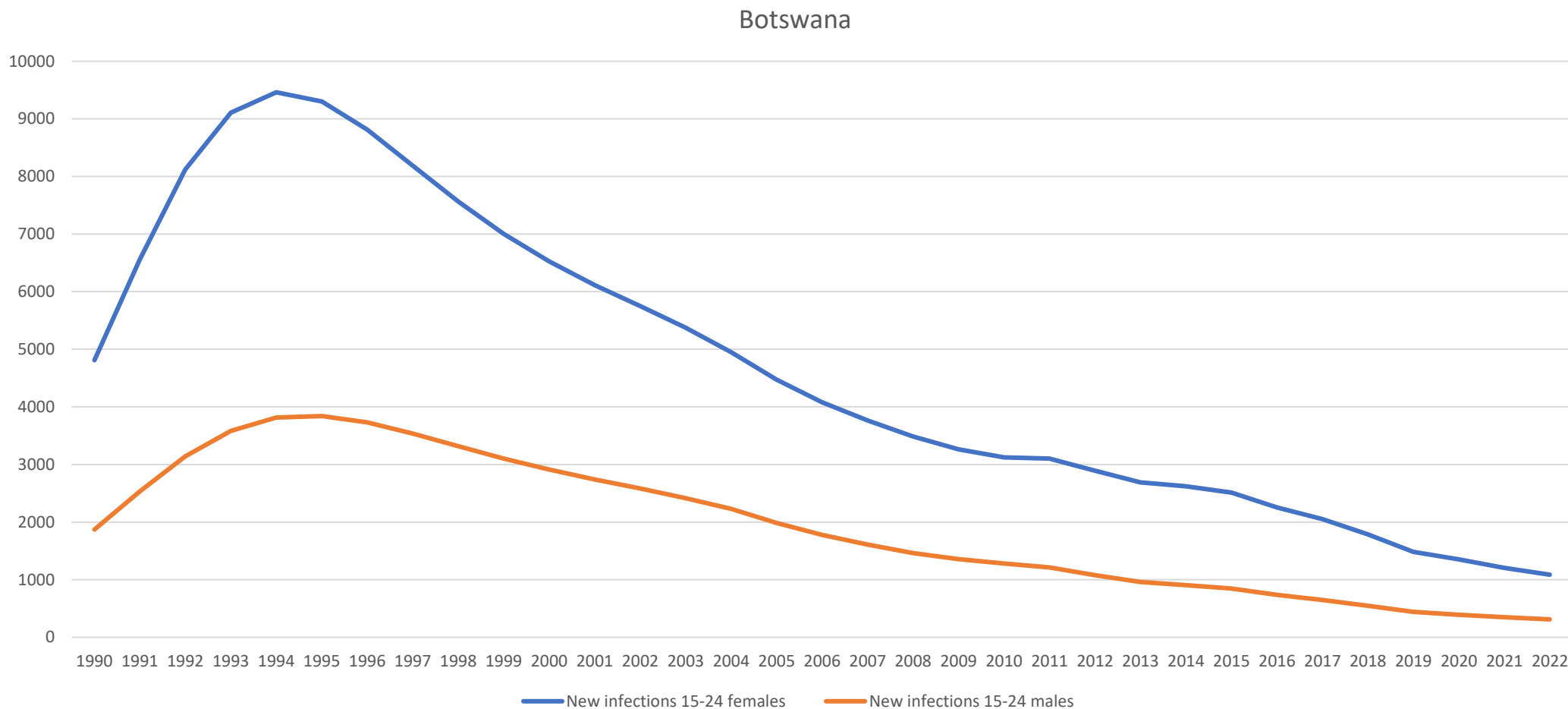
Countries near/at 95-95-95

Declining epidemic trends - Botswana



Source: UNAIDS Preliminary Estimates 2022

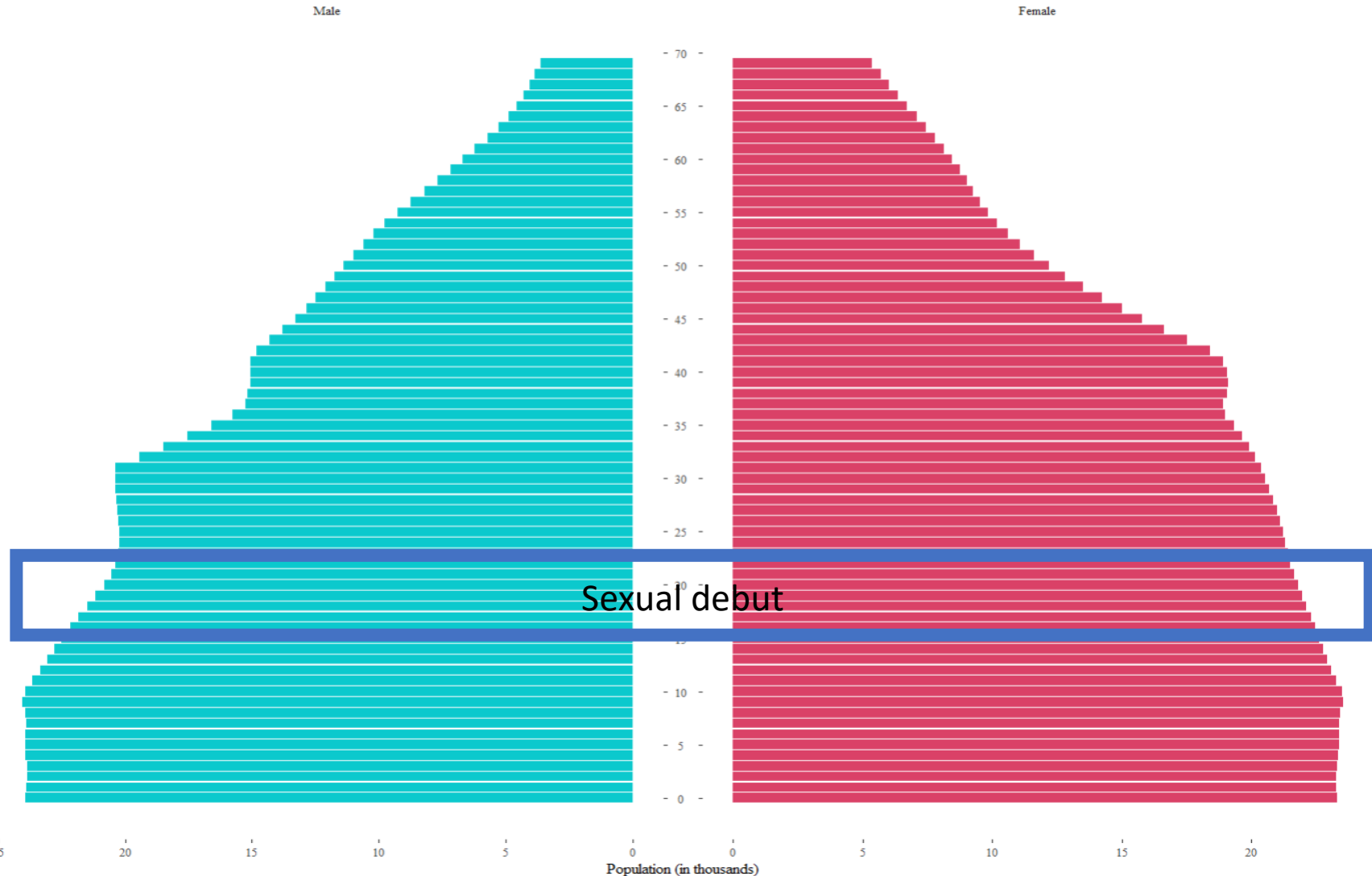
Declining new infections among 15 to 24 yo males and females – Botswana



Population Pyramid - Botswana

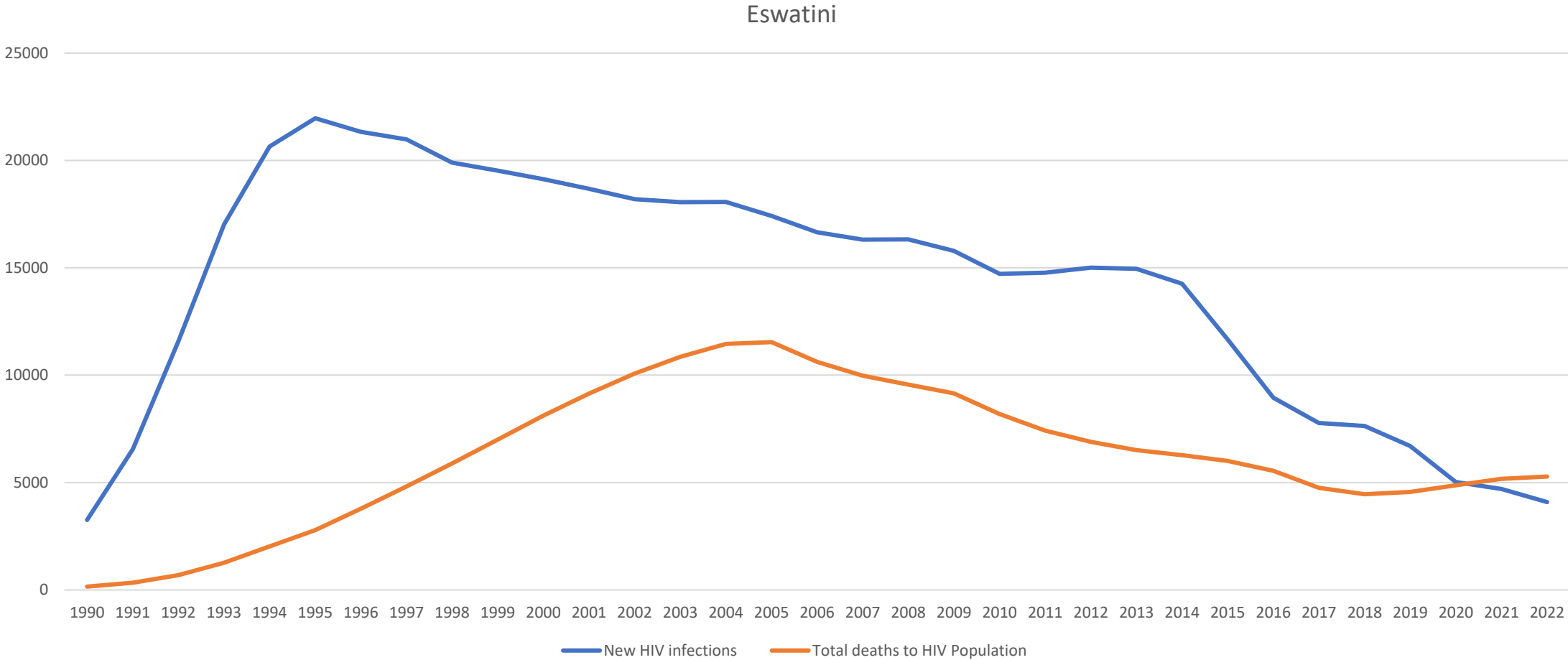
Population Pyramid Botswana 2023
One-year age groups
Population < 70 years old

Average Annual
Growth Rate: 1.4%
(2023)



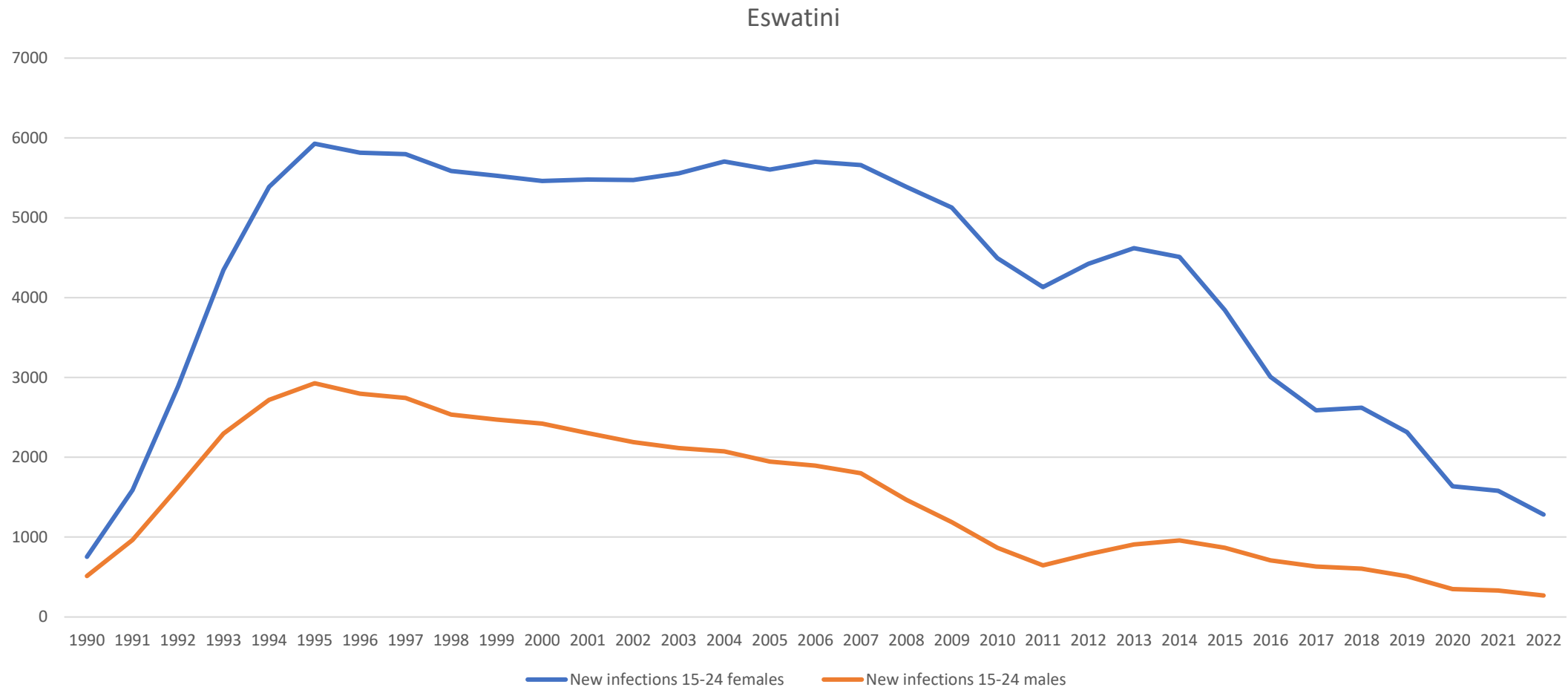
Source: U.S. Census Bureau | International Programs Center | International Database

Declining epidemic trends - Eswatini



Source: UNAIDS Preliminary Estimates 2022

Declining new infections among 15 to 24 yo males and females - Eswatini

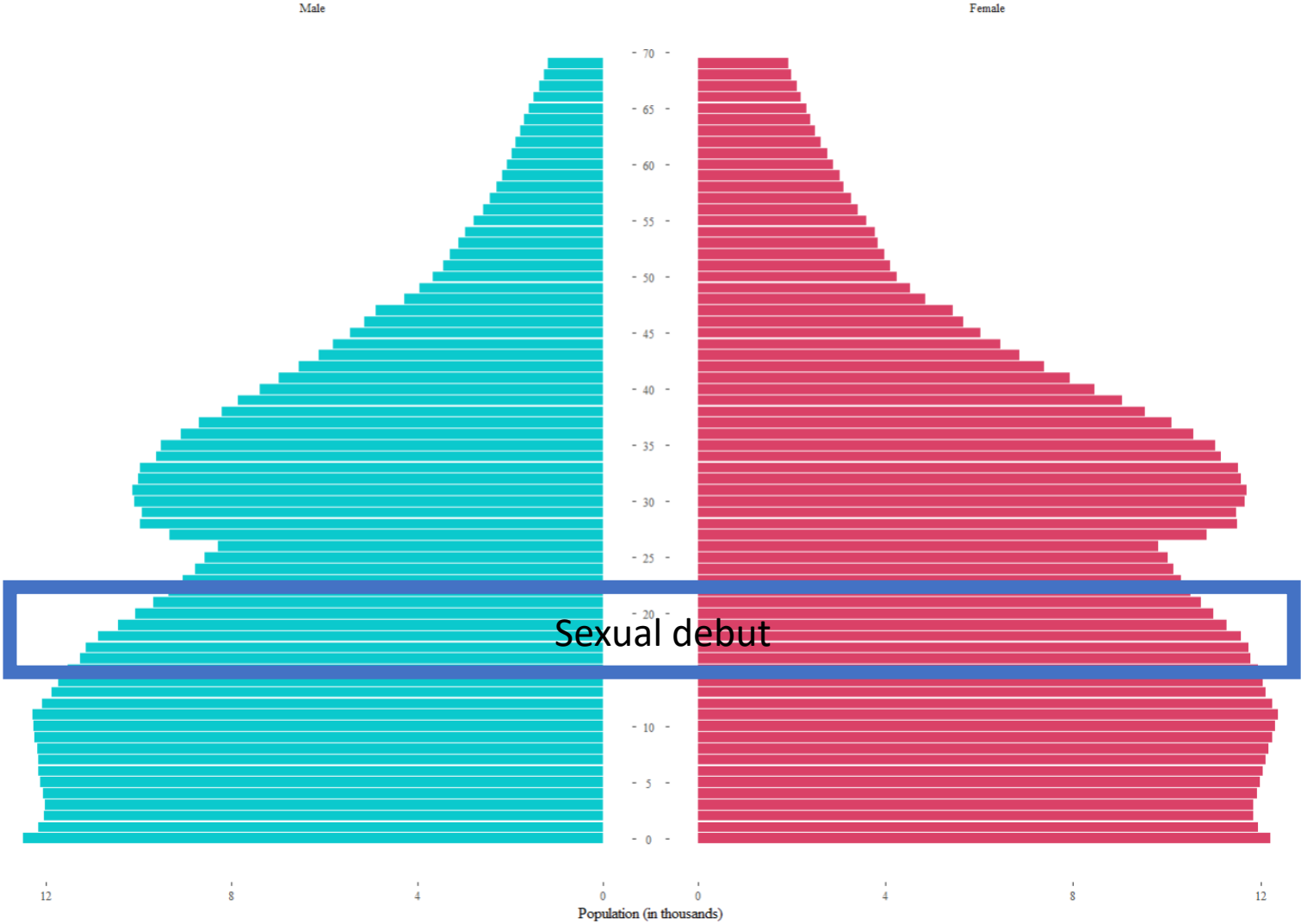


Source: UNAIDS Preliminary Estimates 2022

Population Pyramid - Eswatini

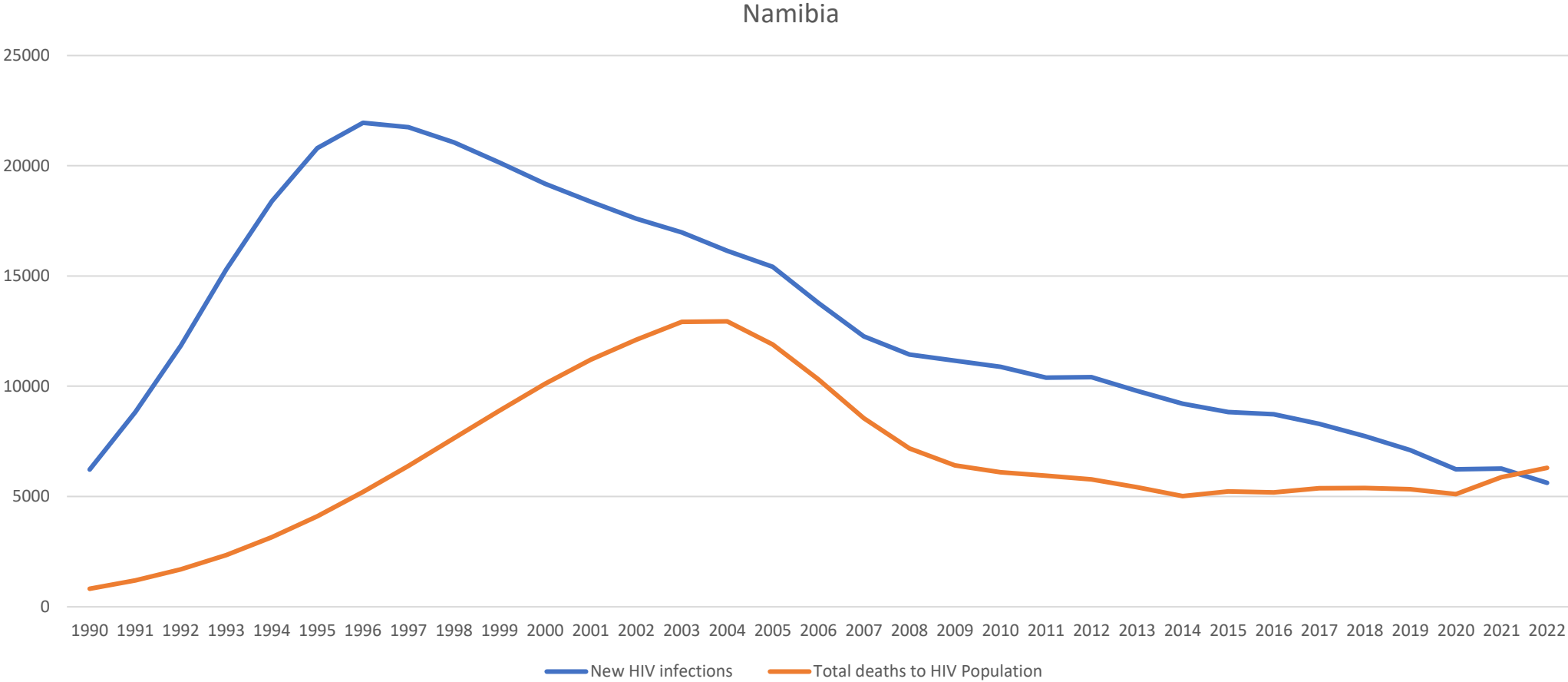
Population Pyramid Eswatini 2023
One-year age groups
Population < 70 years old

Average annual
Growth Rate: 0.7%
(2023)



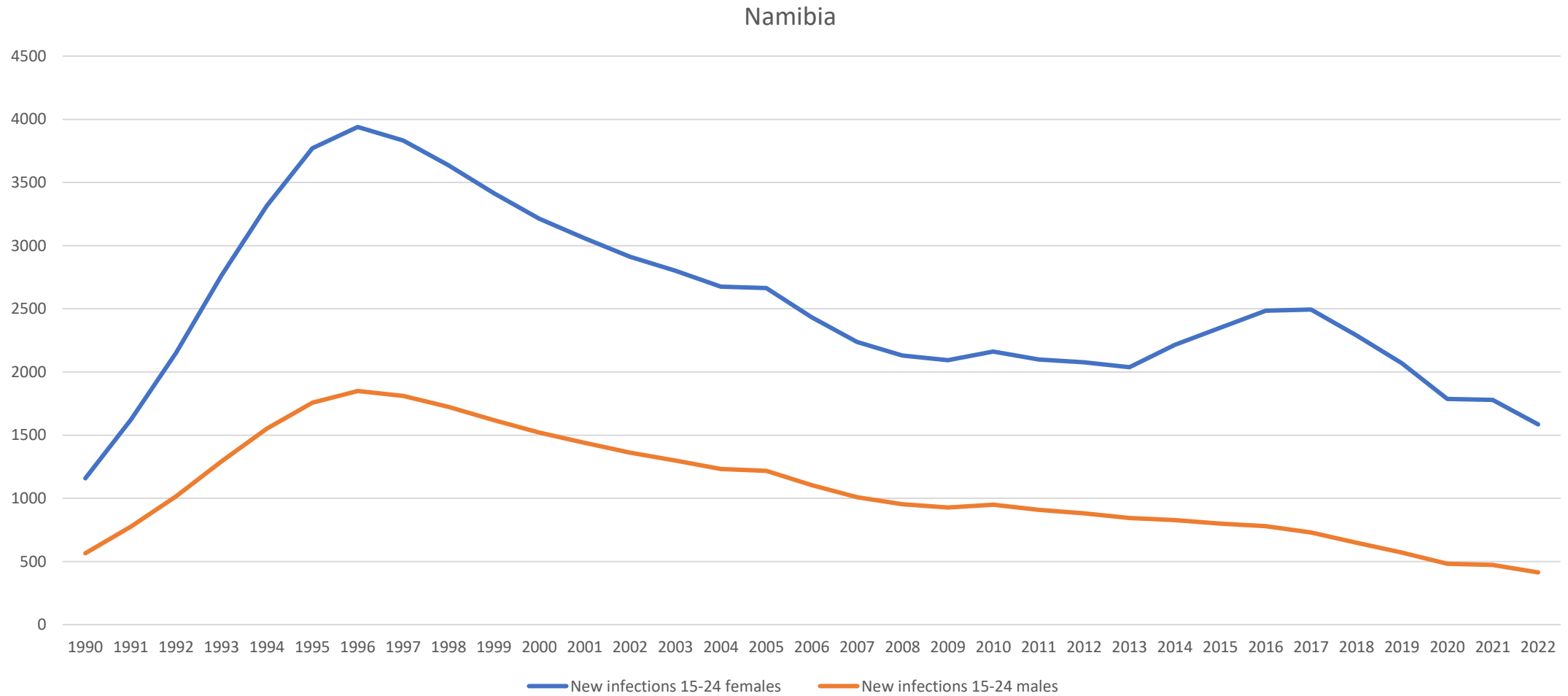
Source: U.S. Census Bureau | International Programs Center | International Database

Declining epidemic trends – Namibia



Source: UNAIDS Preliminary Estimates 2022

Declining new infections among 15 to 24 yo males and females – Namibia

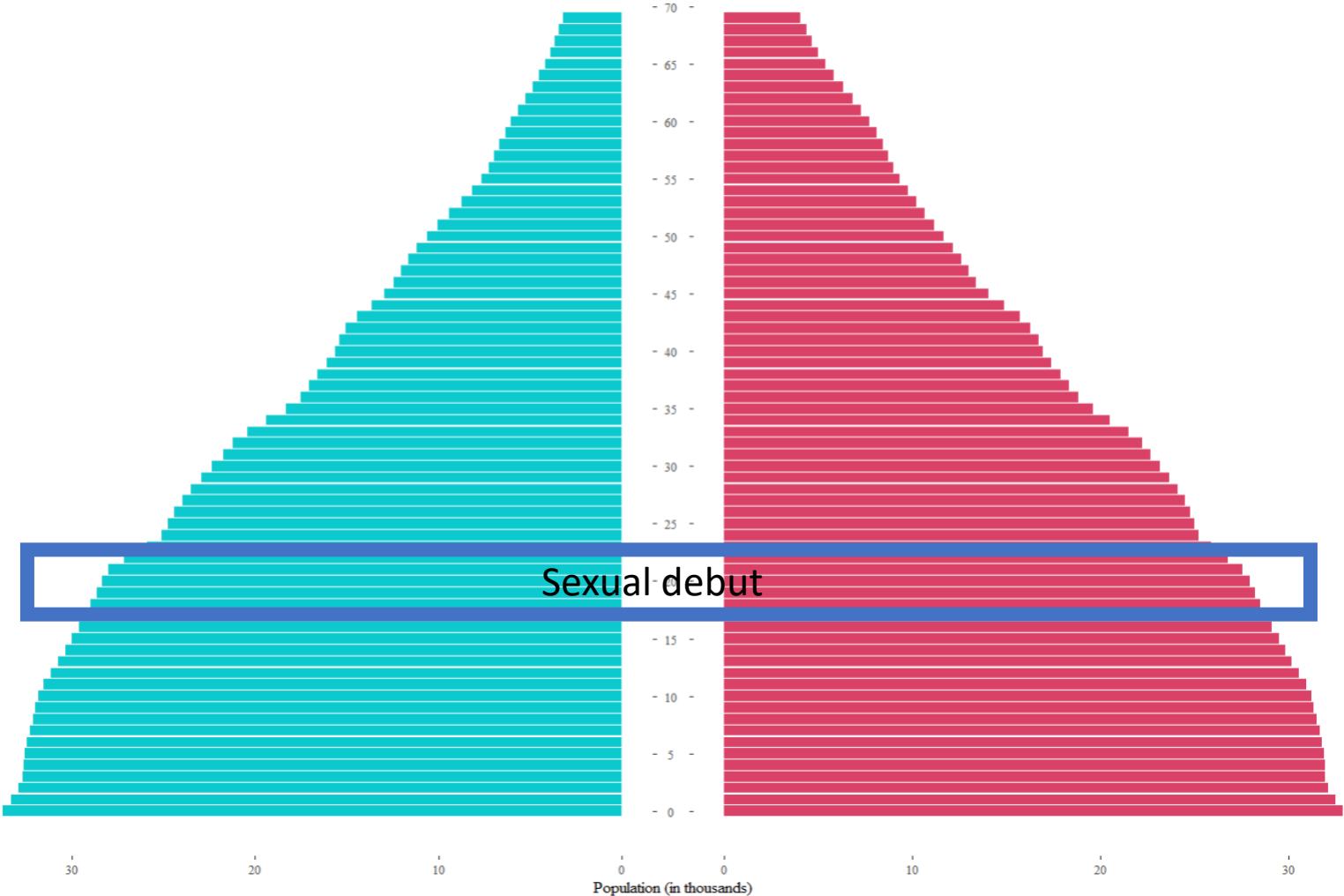


Population Pyramid - Namibia

Population Pyramid Namibia 2023
One-year age groups
Population < 70 years old

Male

Female

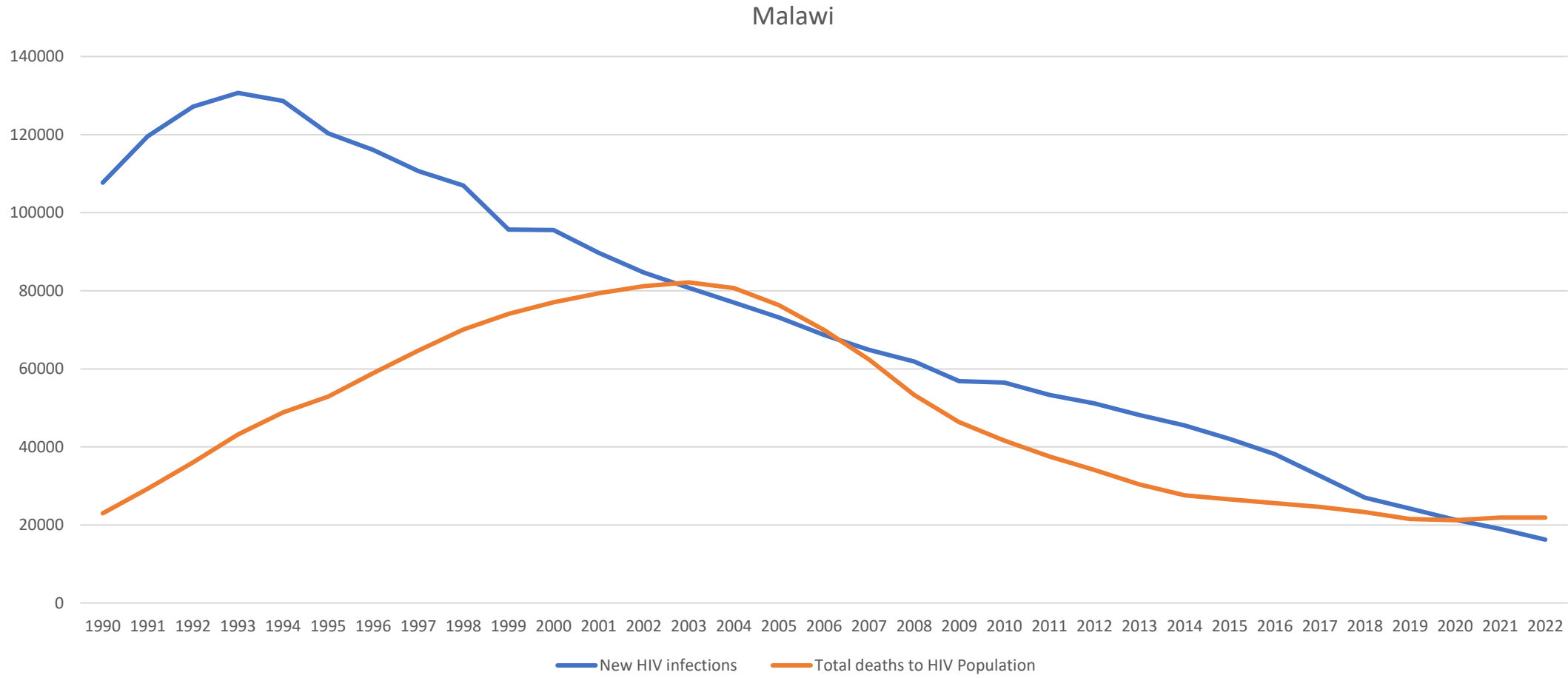


Average Annual Growth Rate: 1.8% (2023)



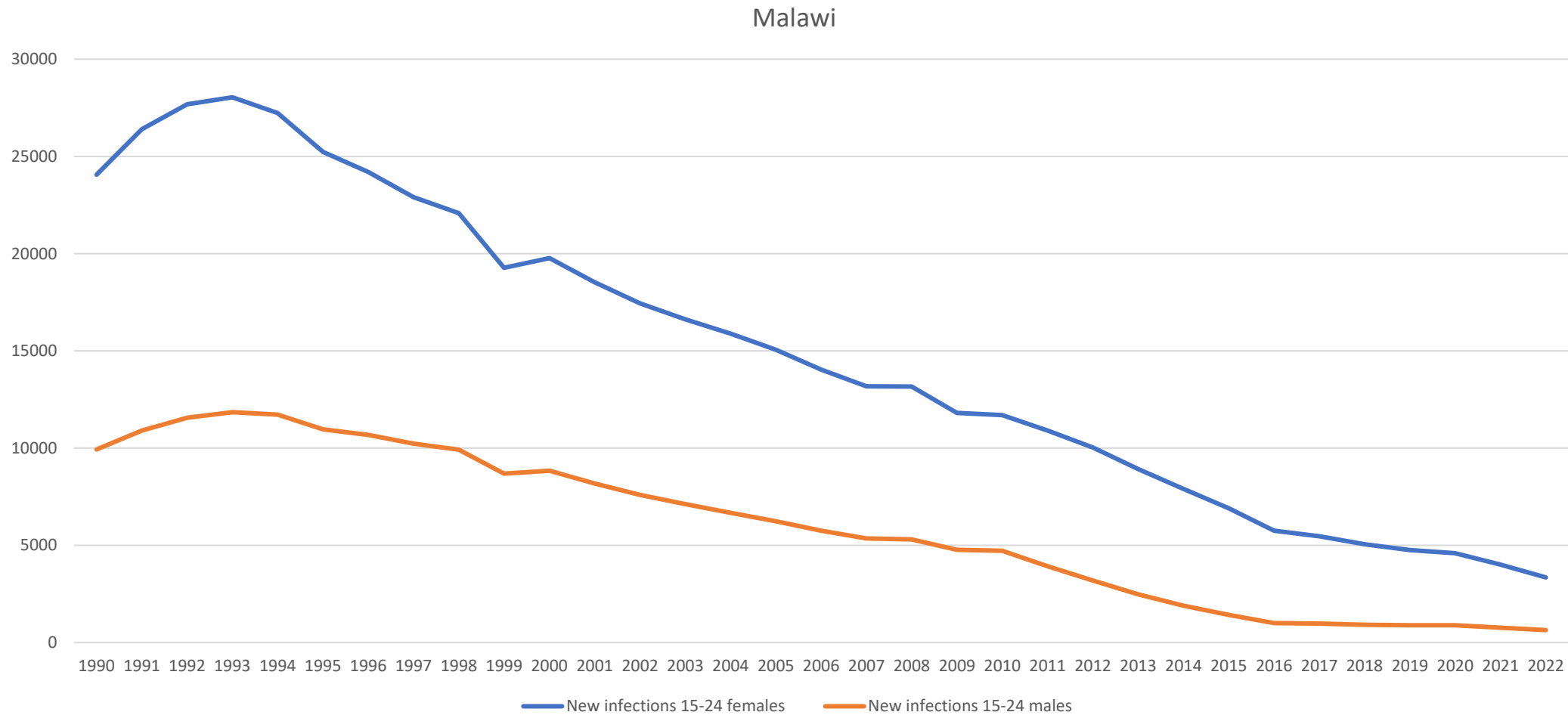
Source: U.S. Census Bureau | International Programs Center | International Database

Declining epidemic trends – Malawi



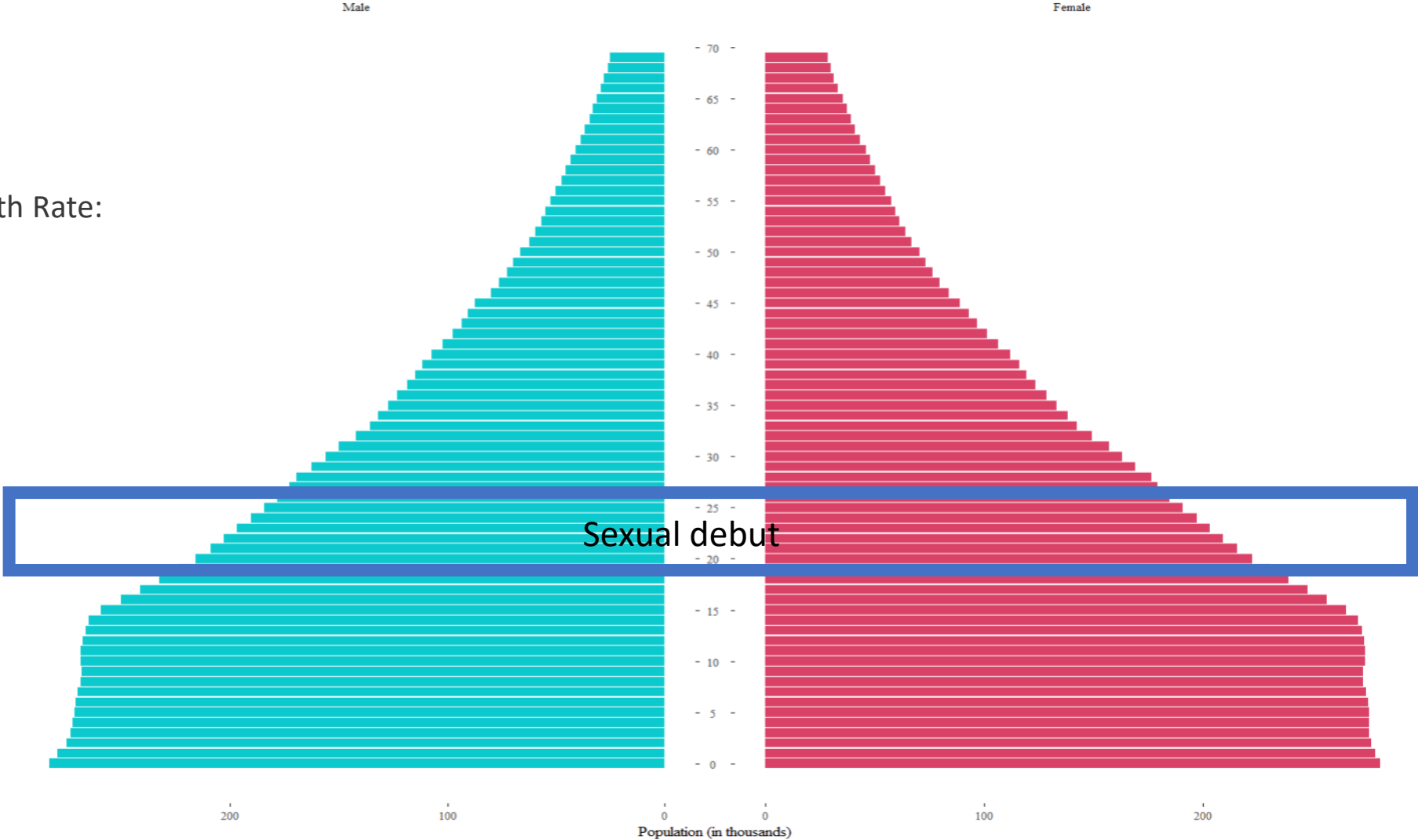
Source: UNAIDS Preliminary Estimates 2022

Declining new infections among 15 to 24 yo males and females – Malawi



Population Pyramid - Malawi

Population Pyramid Malawi 2023
One-year age groups
Population < 70 years old

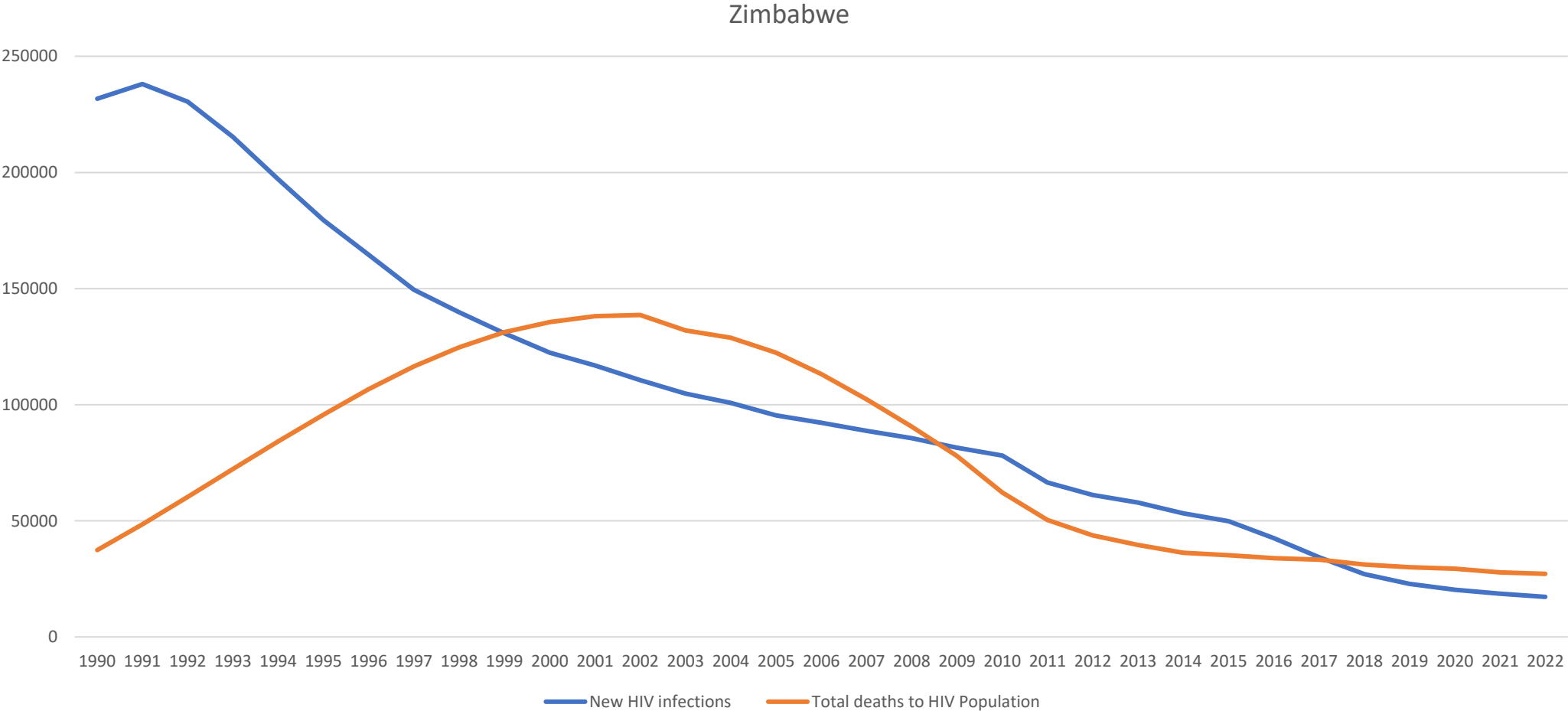


Average Annual Growth Rate:
2.3% (2023)



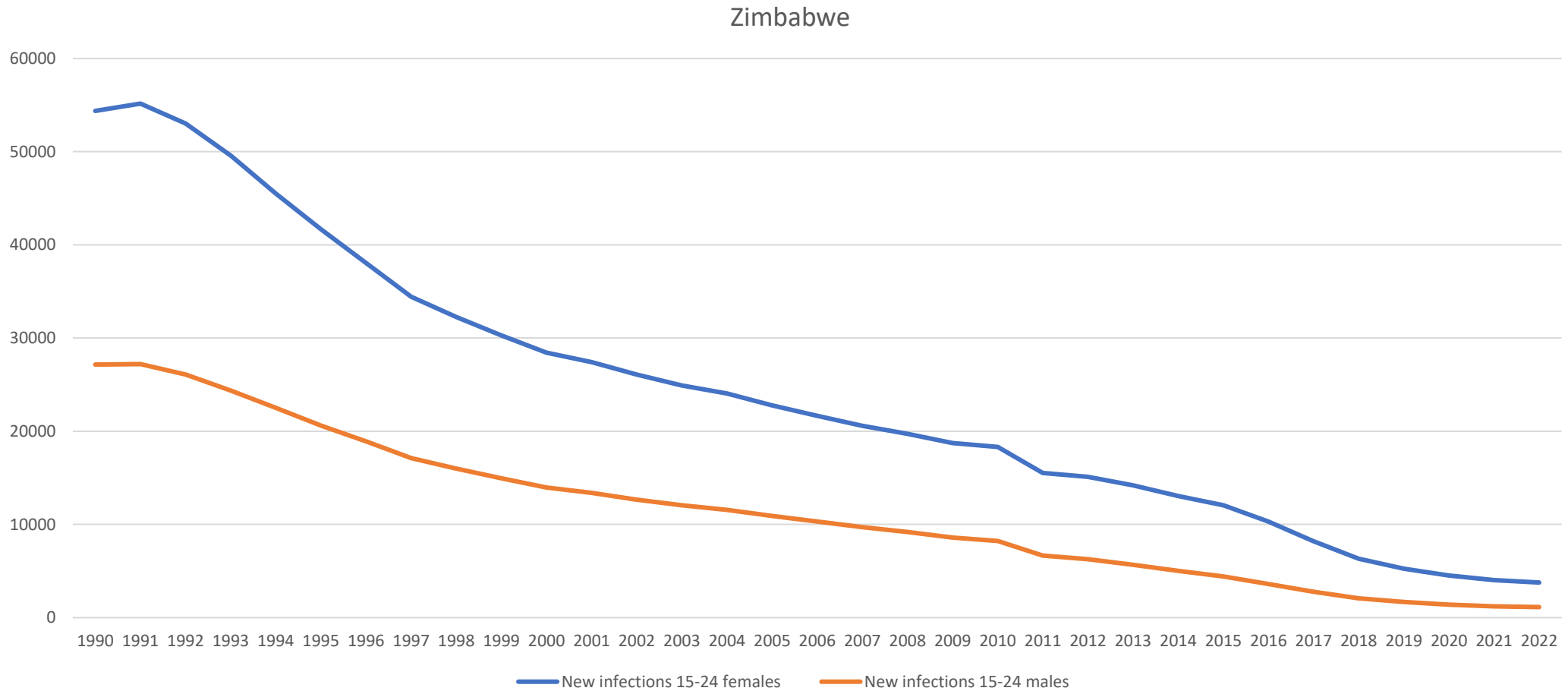
Source: U.S. Census Bureau | International Programs Center | International Database

Epidemic trends – Zimbabwe



Source: UNAIDS Preliminary Estimates 2022

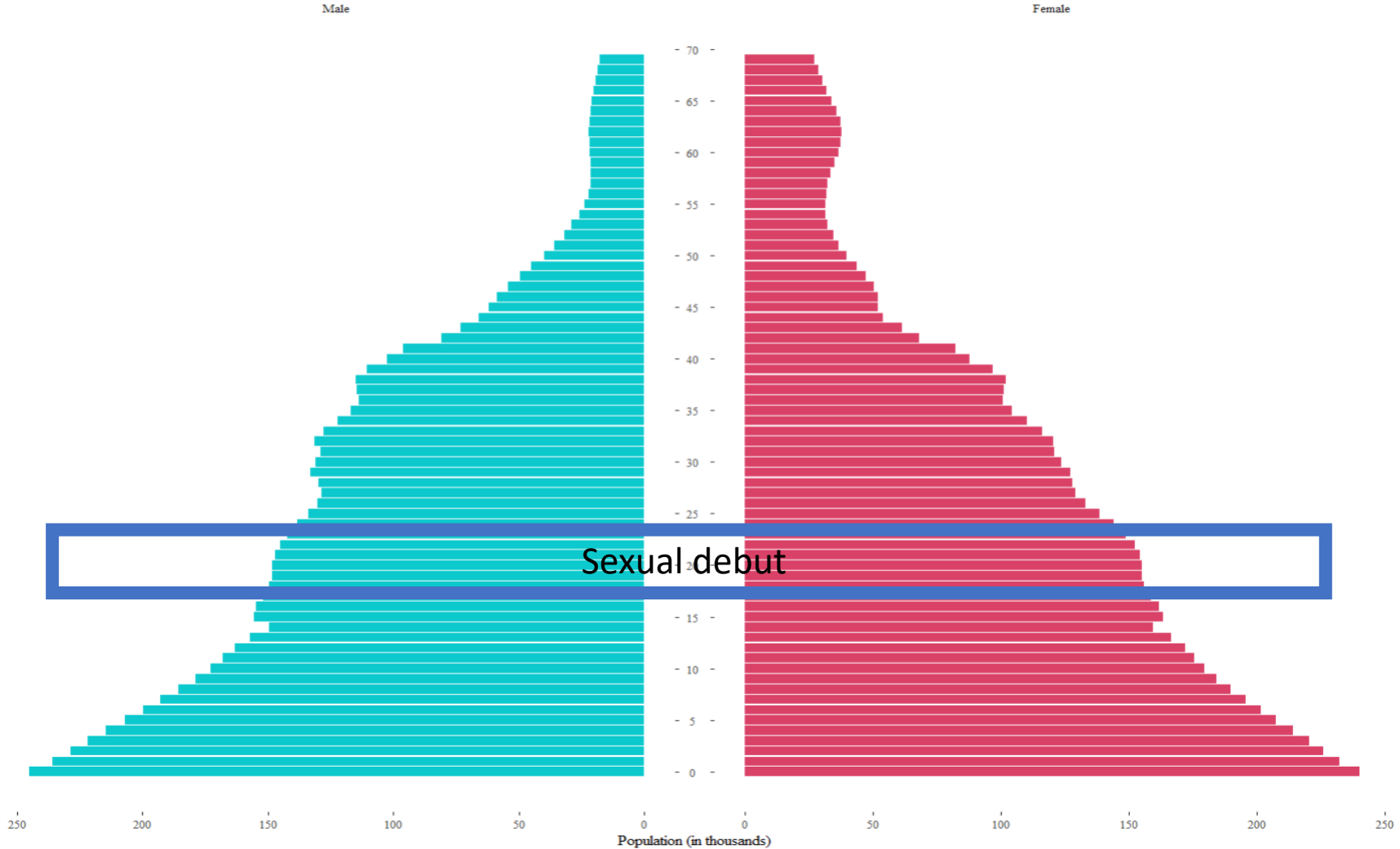
Declining new infections among 15 to 24 yo males and females – Zimbabwe



Population Pyramid - Zimbabwe

Population Pyramid Zimbabwe 2023
One-year age groups
Population < 70 years old

Average Annual
Growth Rate:
2.0% (2023)



Source: U.S. Census Bureau | International Programs Center | International Database

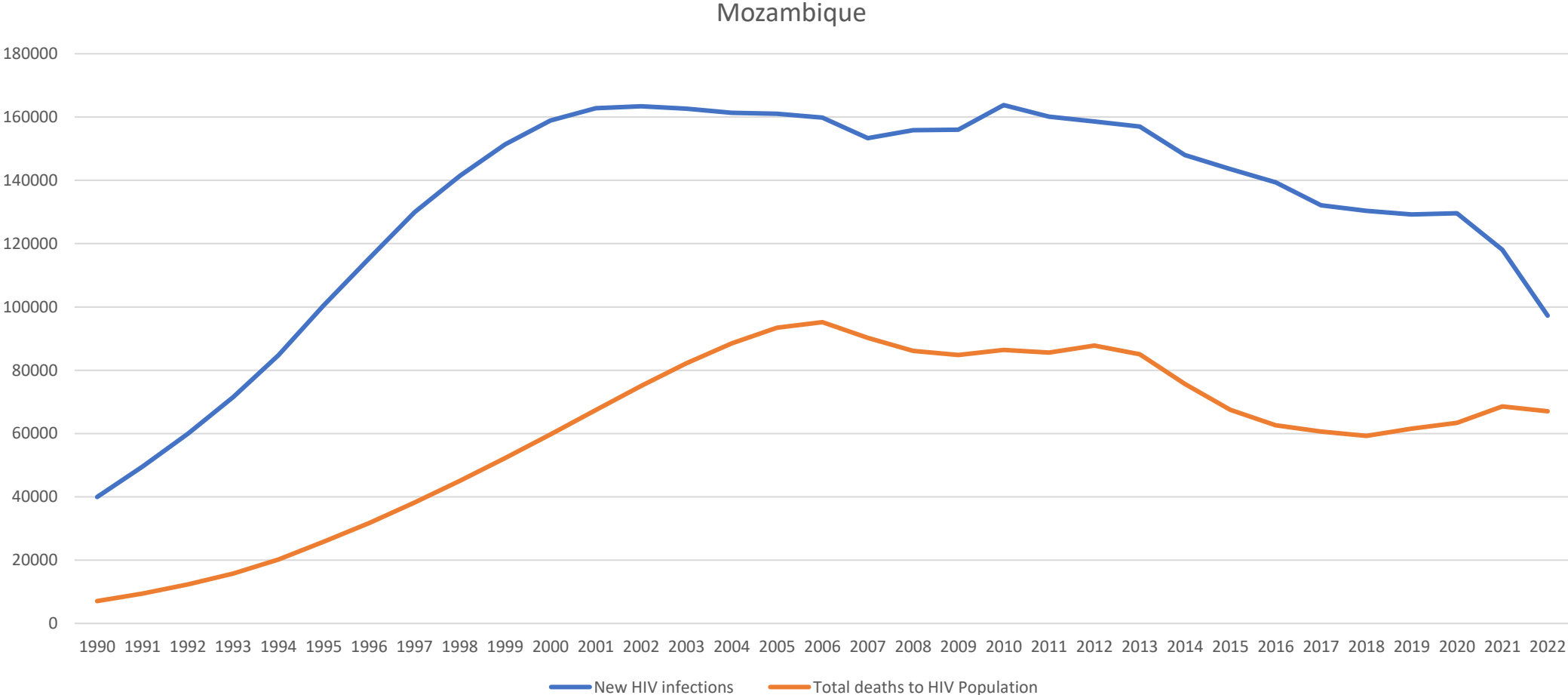
Countries near 95-95-95

- Aging cohorts are virally suppressed however need models that support HIV positive living
- Youth bulge
 - volume of clients in health system (capacity and adaptability)
 - HIV awareness and prevention
 - Social media!
- Agile PrEP service delivery for timely response to dynamic epidemic



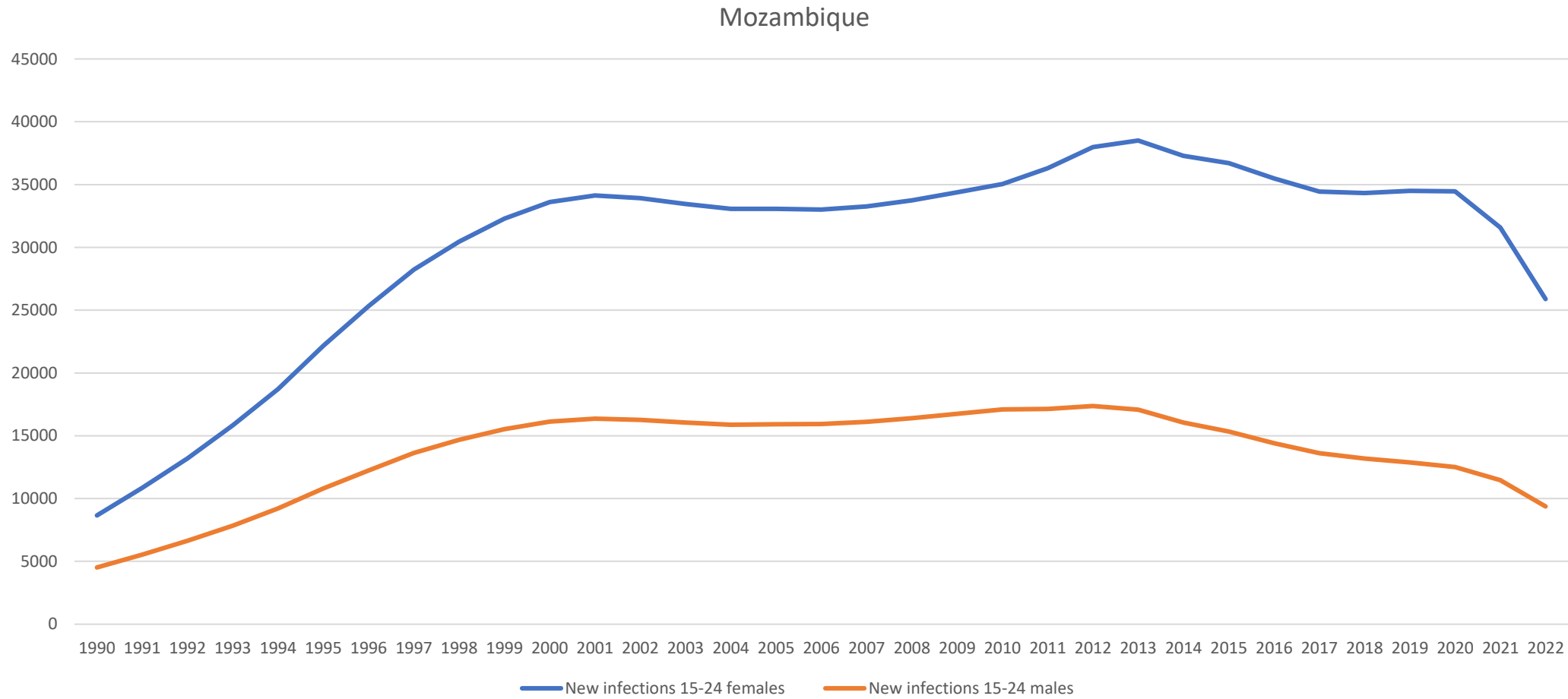
Striving towards 95-95-95

Growing epidemic – Mozambique



Source: UNAIDS Preliminary Estimates 2022

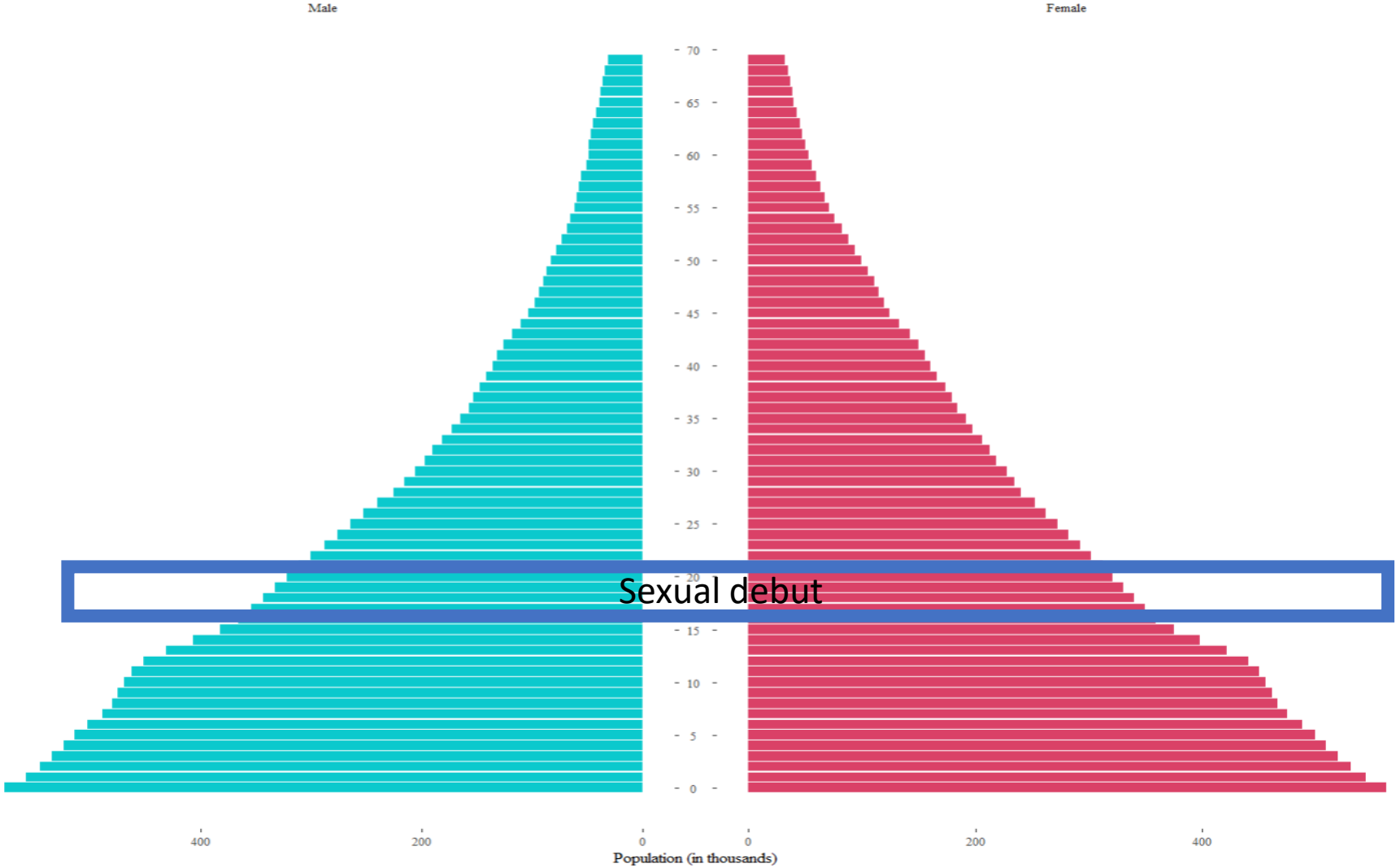
Trends of new infections among 15 to 24 yo males and females – Mozambique



Population Pyramid - Mozambique

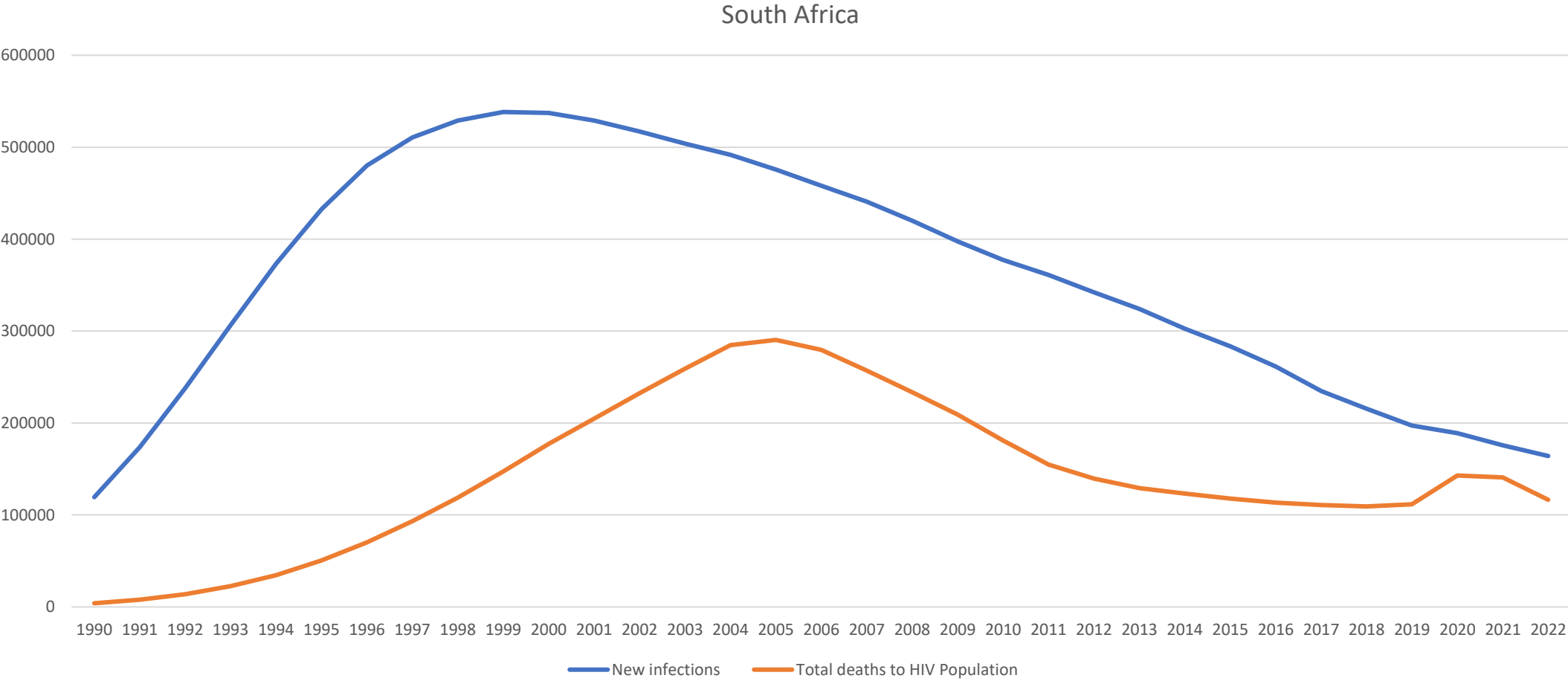
Population Pyramid Mozambique 2023
One-year age groups
Population < 70 years old

Average Annual
Growth Rate: 2.5%
(2023)



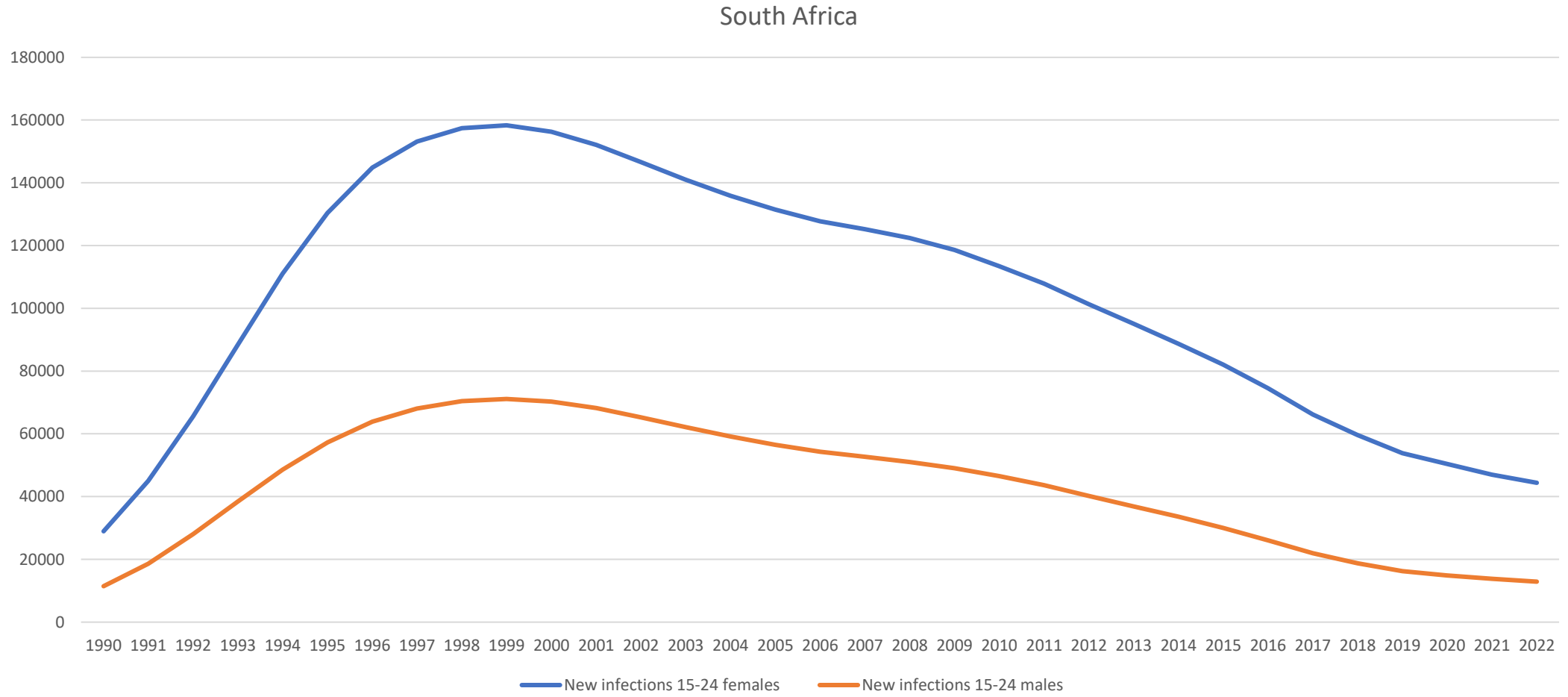
Source: U.S. Census Bureau | International Programs Center | International Database

Growing epidemic – South Africa



Source: UNAIDS Preliminary Estimates 2022

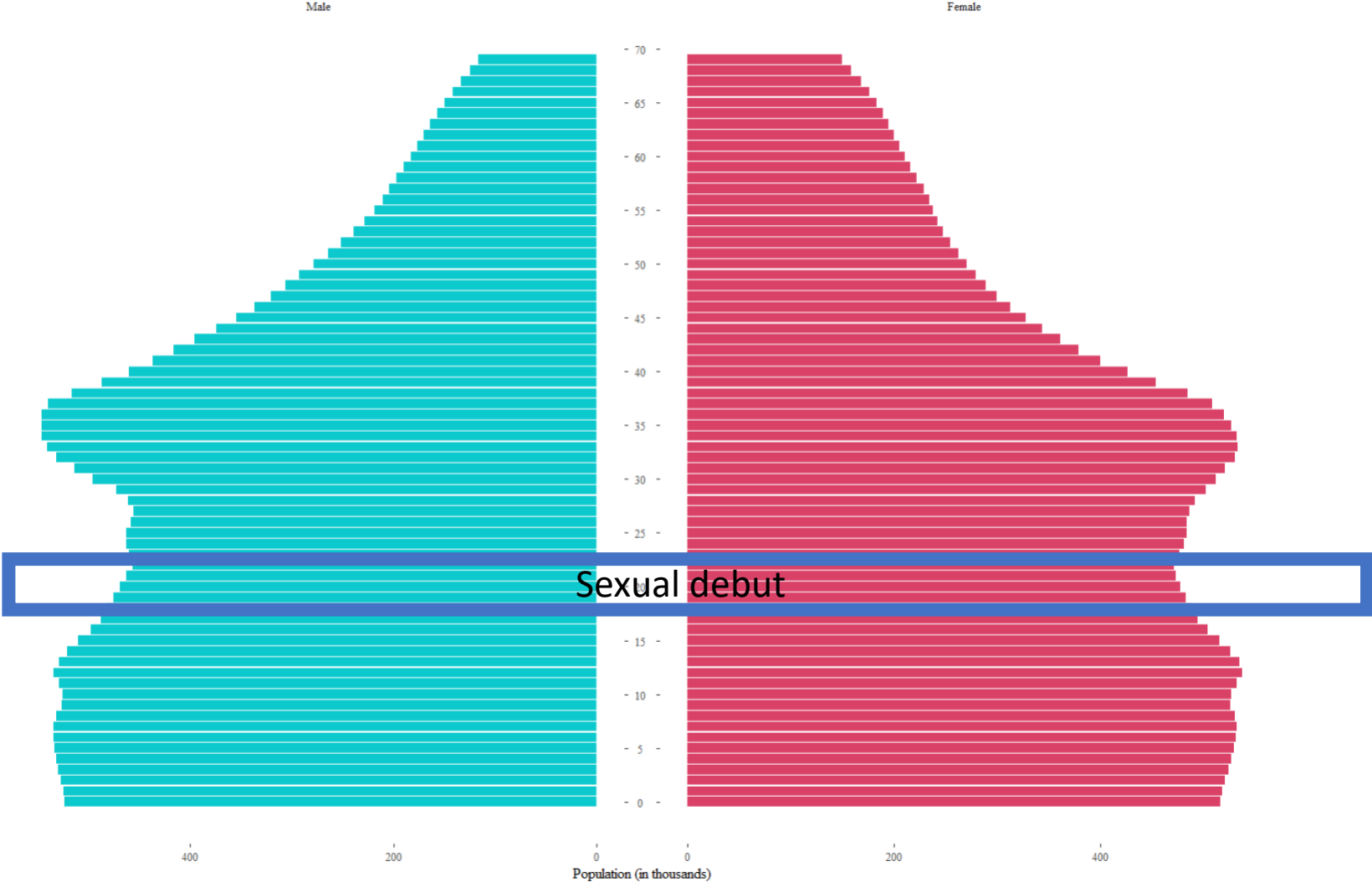
Trends of new infections among 15 to 24 yo males and females – South Africa



Population Pyramid – South Africa

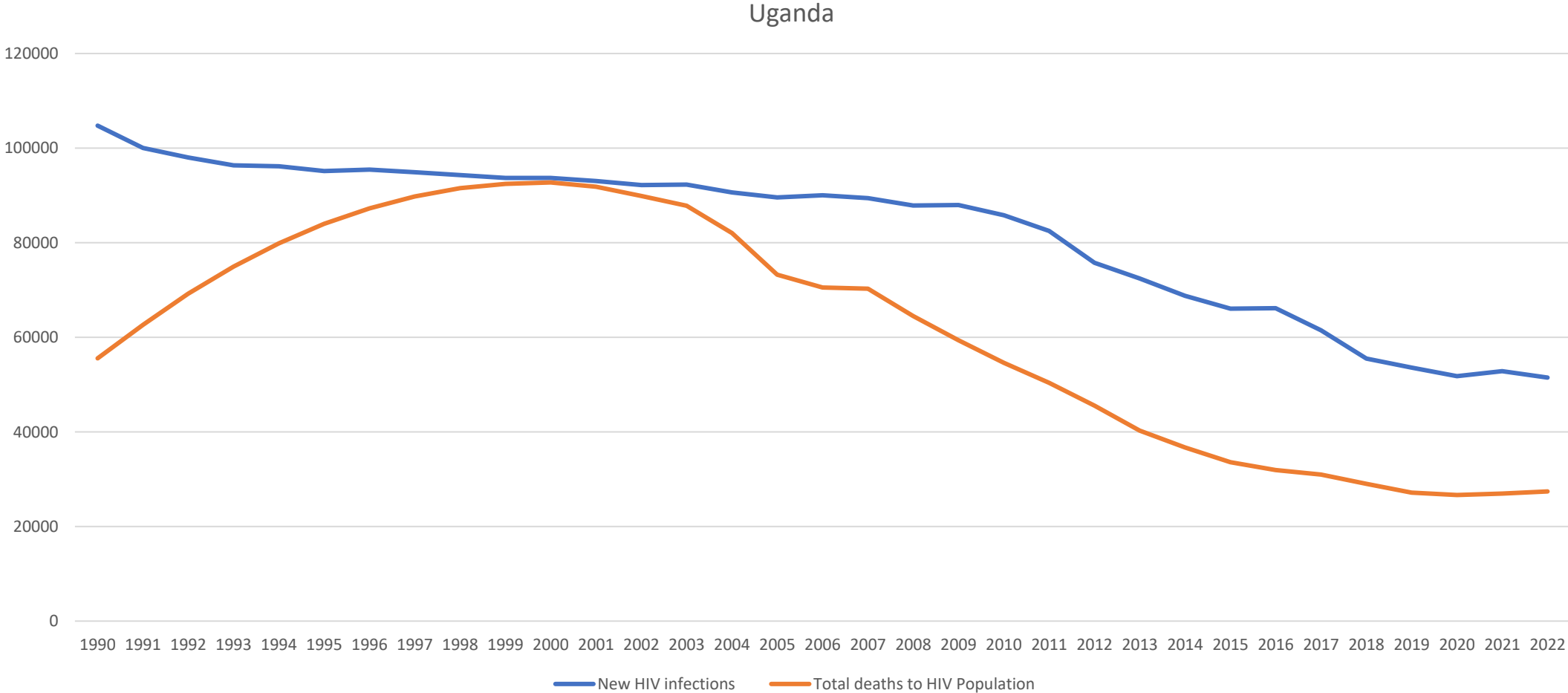
Population Pyramid South Africa 2023
One-year age groups
Population < 70 years old

Average Annual Growth Rate:
0.9% (2023)



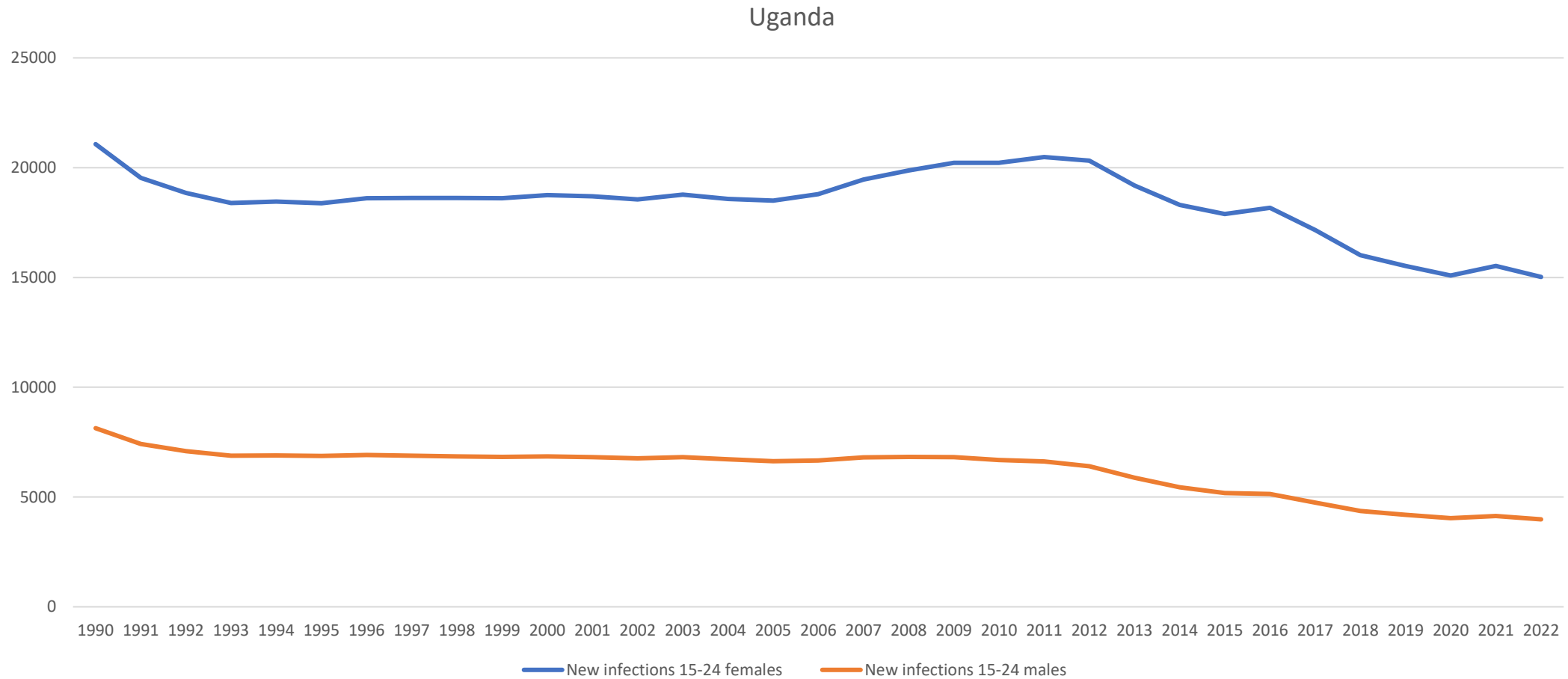
Source: U.S. Census Bureau | International Programs Center | International Database

Growing epidemic – Uganda



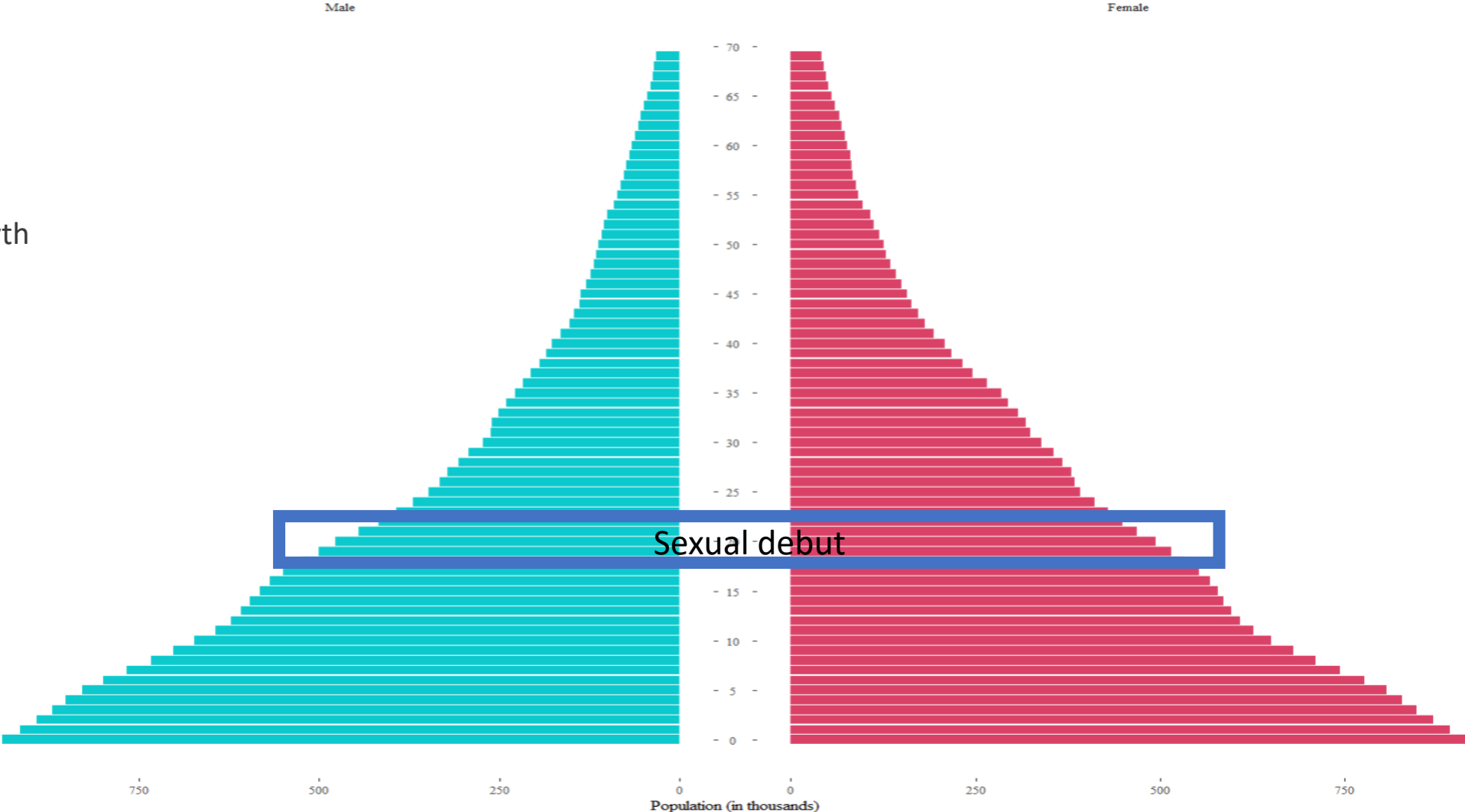
Source: UNAIDS Preliminary Estimates 2022

Trends of new infections among 15 to 24 yo males and females – Uganda



Population Pyramid - Uganda

Population Pyramid Uganda 2023
One-year age groups
Population < 70 years old

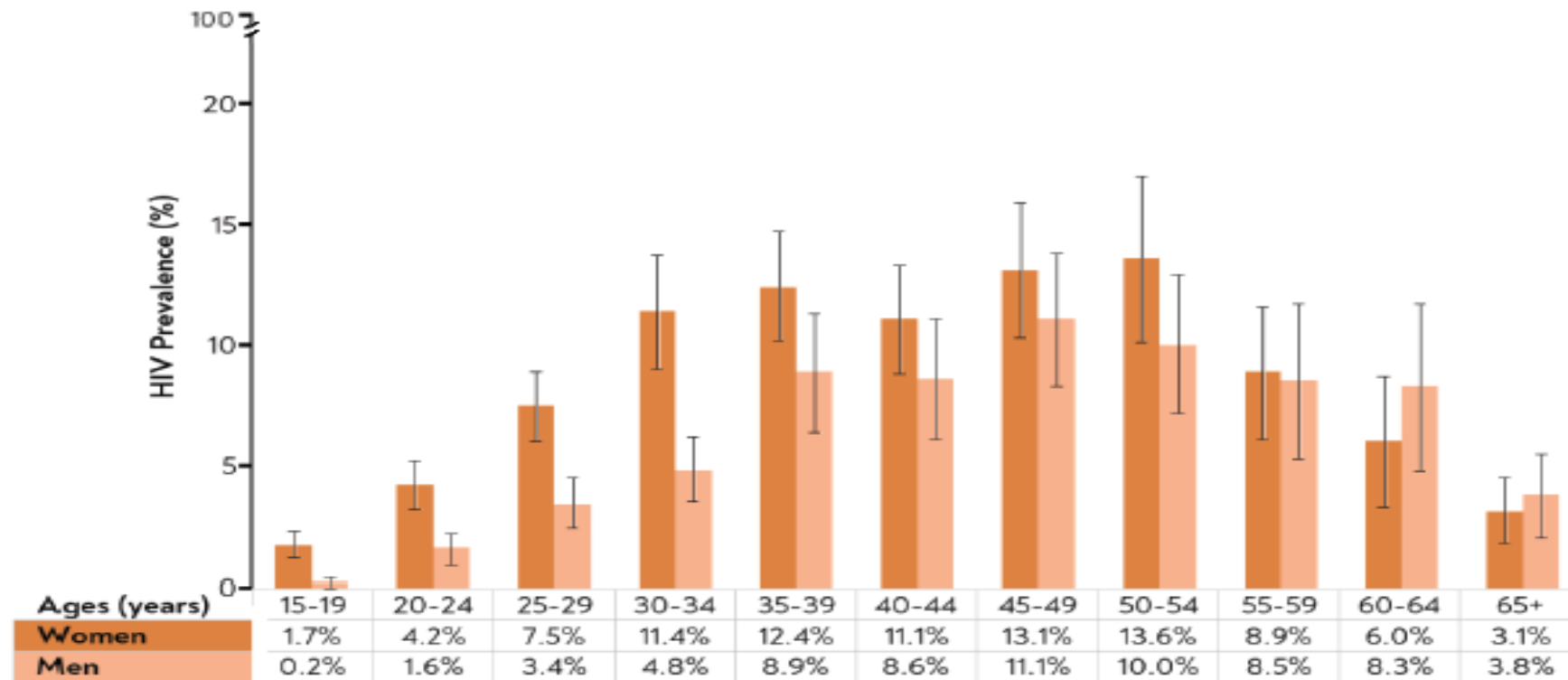


Average Annual Growth Rate: 3.2% (2023)



Uganda PHIA 2020 – HIV Prevalence

HIV PREVALENCE AMONG ADULTS

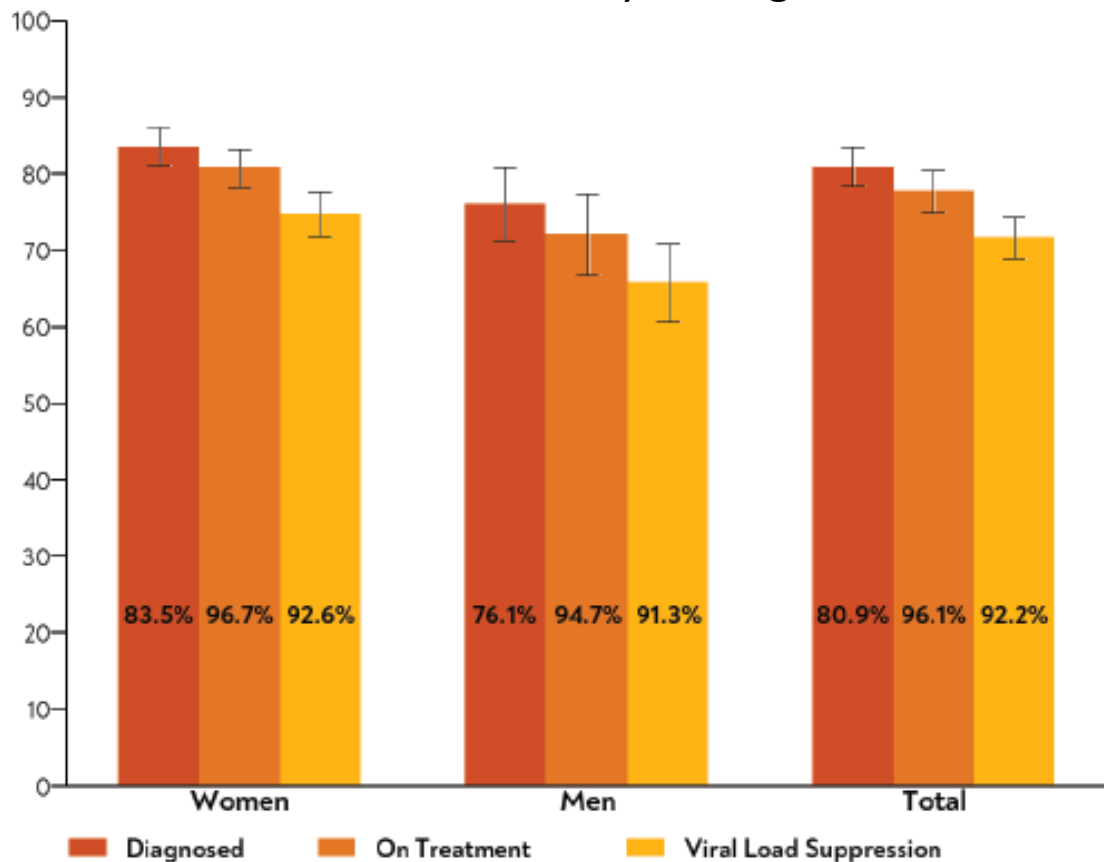


Error bars represent 95% CIs.



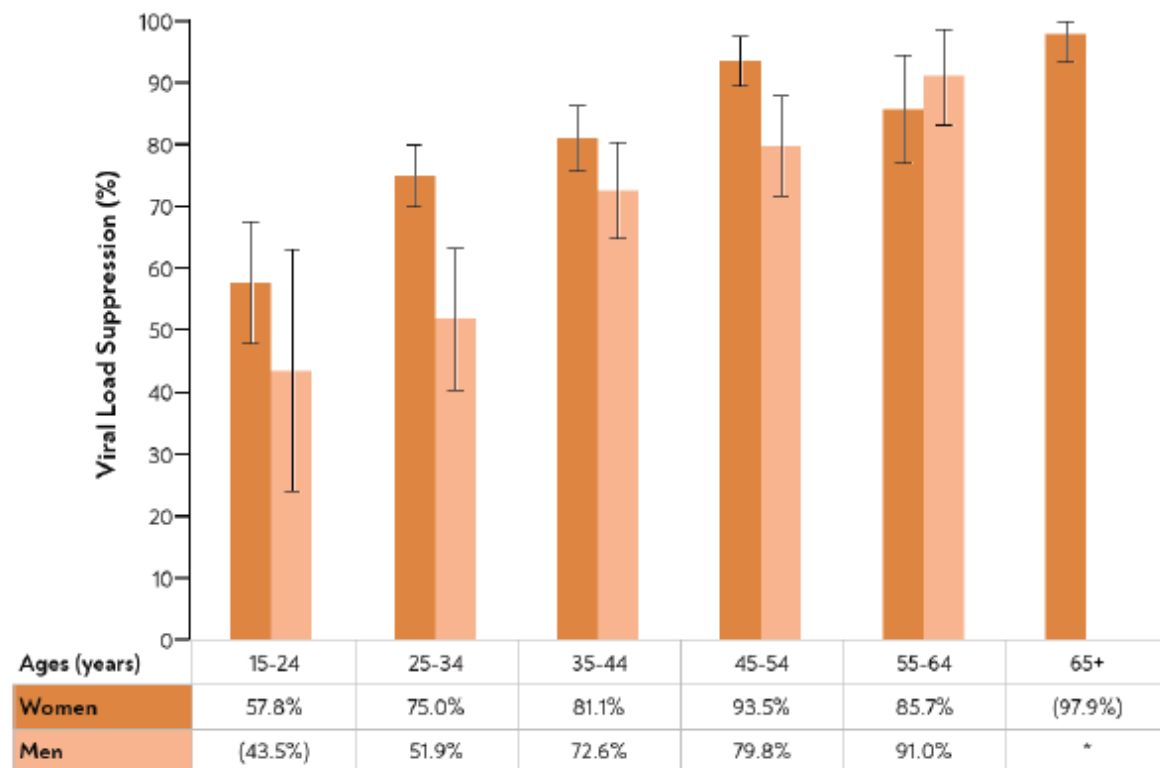
Uganda PHIA 2020 – Clinical Outcomes

Achievement of 95-95-95 by sex, Uganda



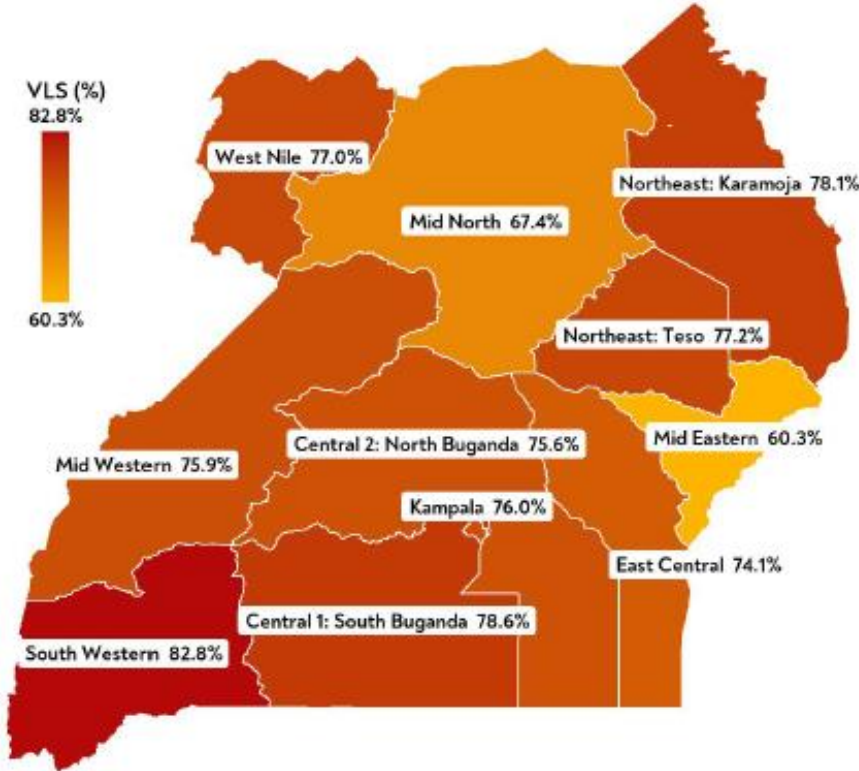
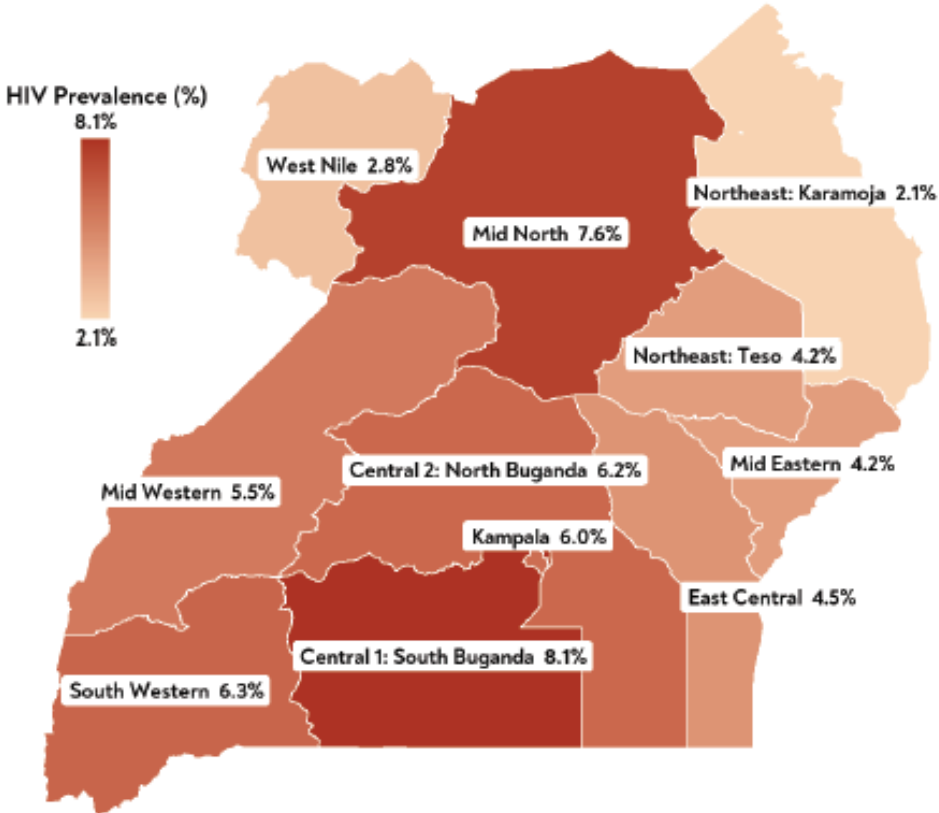
Percentages shown in the graph refer to the conditional 95-95-95 targets described in the text above and to the right. The heights of the bars represent the unconditional percentages for each indicator among all people living with HIV. Error bars represent 95% CIs.

VIRAL LOAD SUPPRESSION AMONG ADULTS LIVING WITH HIV



Viral load suppression is defined as HIV RNA <1,000 copies per mL among all HIV-positive adults. Estimates based on a denominator between 25 and 49 are indicated by a parenthesis and should be interpreted with caution. Estimates based on a denominator less than 25 have been suppressed with an asterisk. Error bars represent 95% CIs.

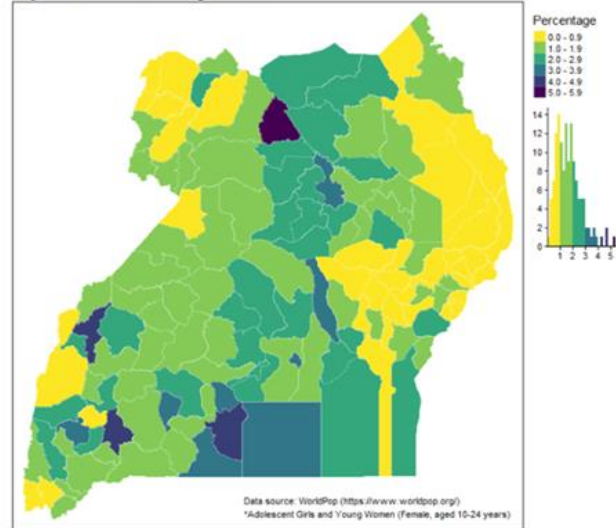
Uganda PHIA 2020



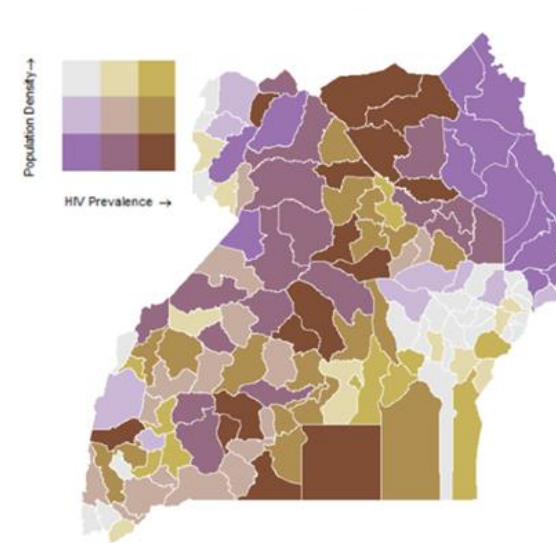
HIV prevention where there is HIV risk & population increases

Triangulating HIV Prevalence,
Population Density, and Increases
in the AGYW Population in Uganda

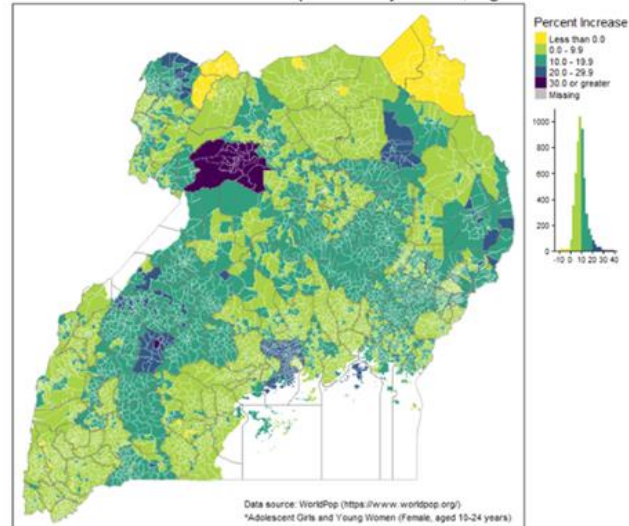
HIV Prevalence among AGYW* (Percent of AGYW* Living with HIV) by PSNU/District, Uganda 2020



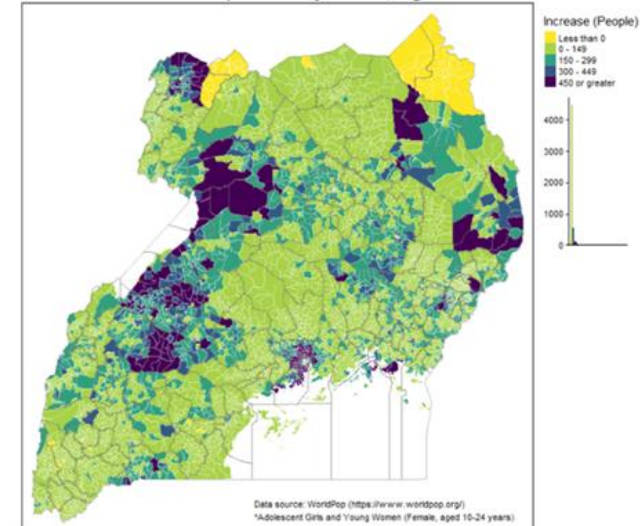
HIV Prevalence among AGYW (Percent of AGYW Living with HIV) by PSNU/District, Uganda 2020



Percent Increase in AGYW* Population by Parish, Uganda 2017 to 2020



Increase in AGYW* Population by Parish, Uganda 2017 to 2020



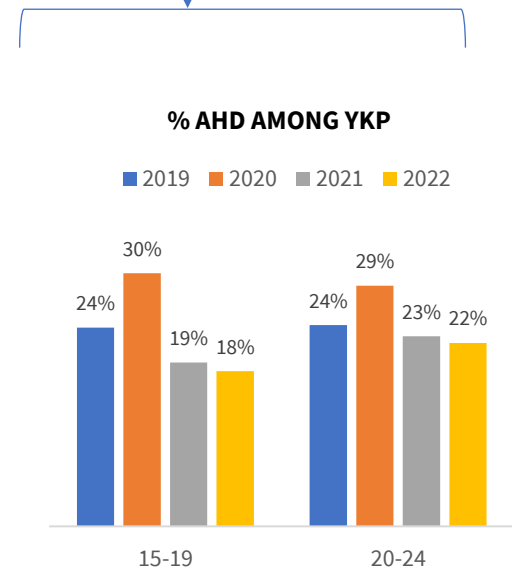
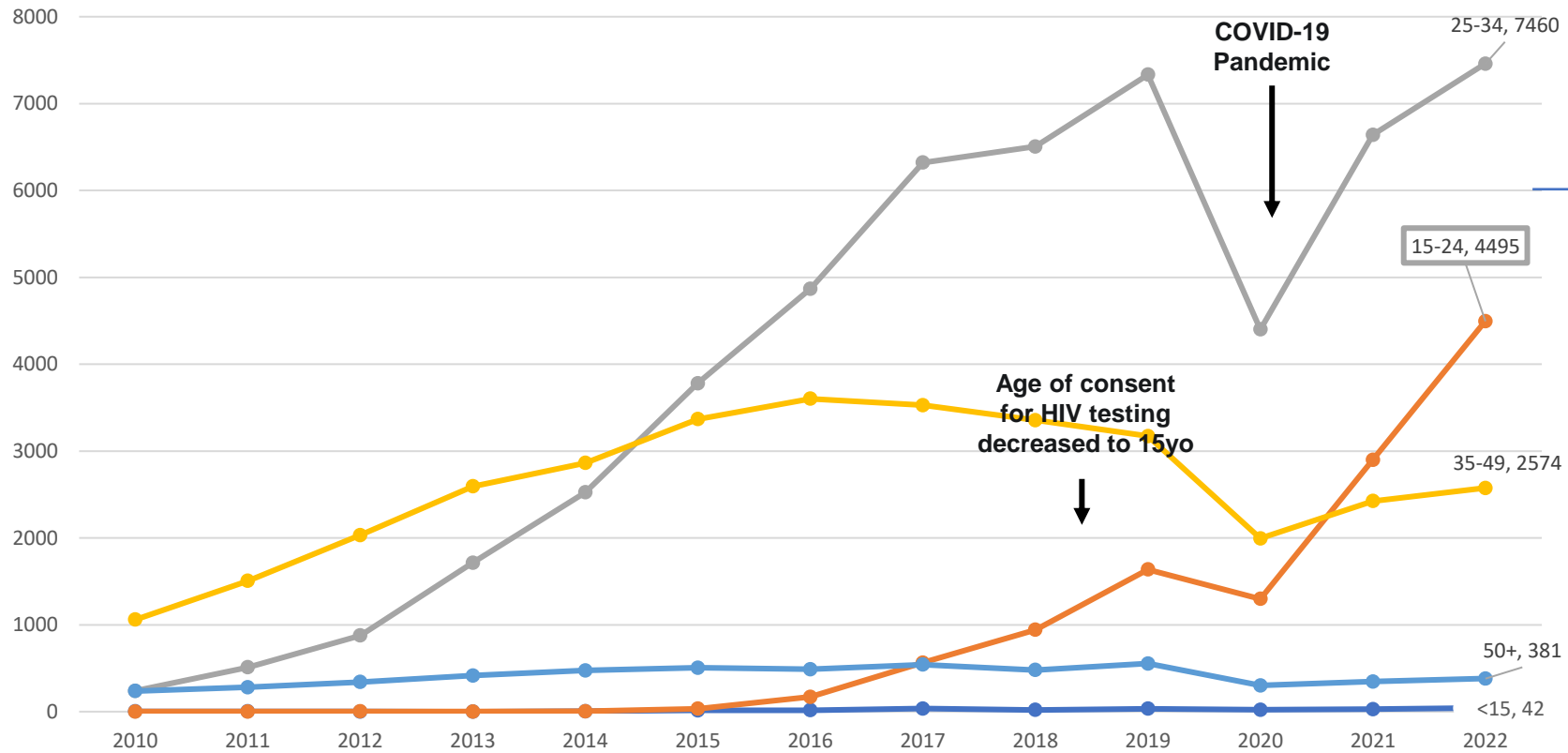


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Philippines

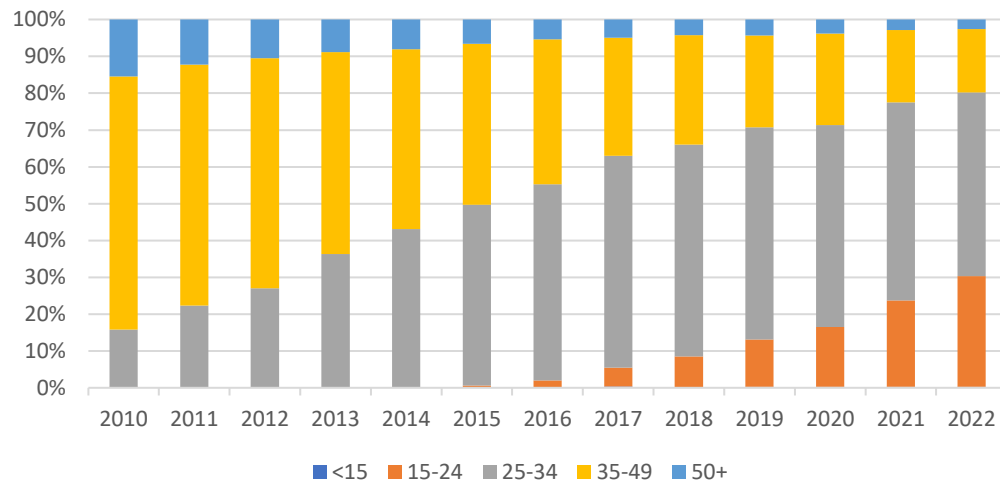
Newly Diagnosed HIV Cases, 2010-2022

National HIV Cases by Age Bands, 2010-2022 (n=99,817)

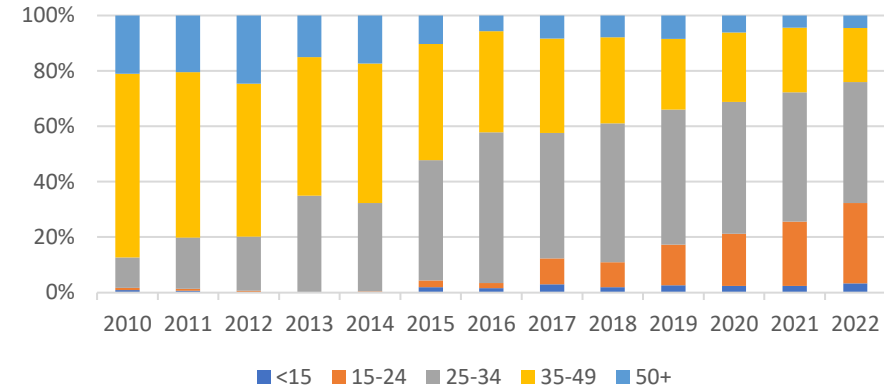


Newly Diagnosed HIV Cases, 2010-2022

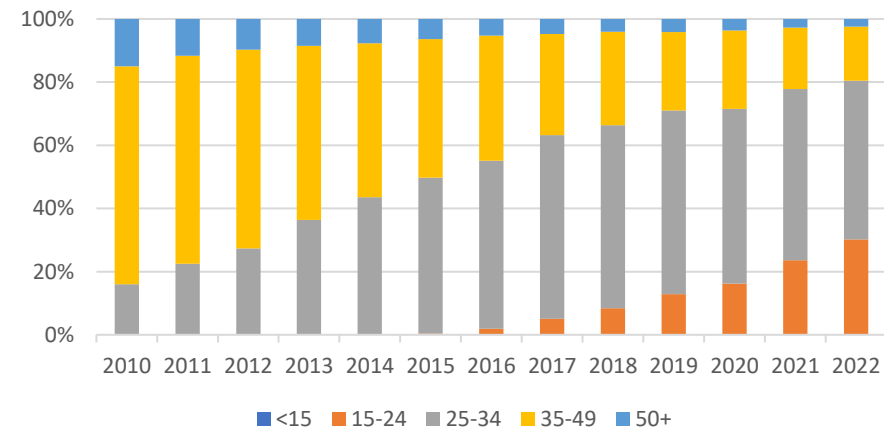
National HIV Cases by Age Bands, 2010-2022
(n=99,817)



National Female HIV Cases by Age Bands, 2010-2022 (N=5,001)



National Male HIV Cases by Age Bands, 2010-2022 (n=99,817)

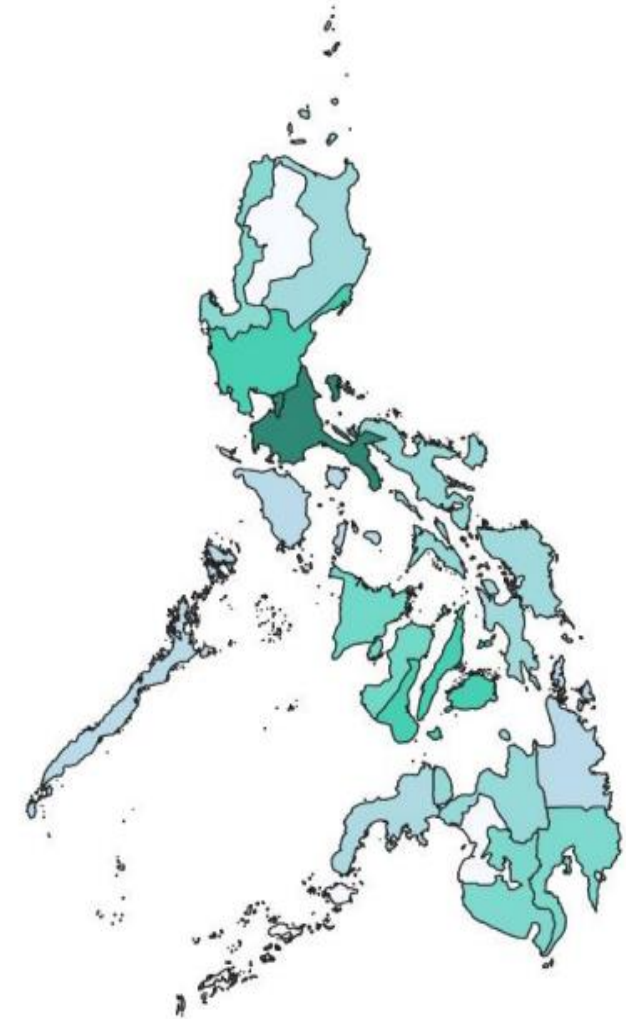


PEPFAR sites at regions with the highest HIV burden

75% of the estimated PLHIV in 2022 are found in five regions

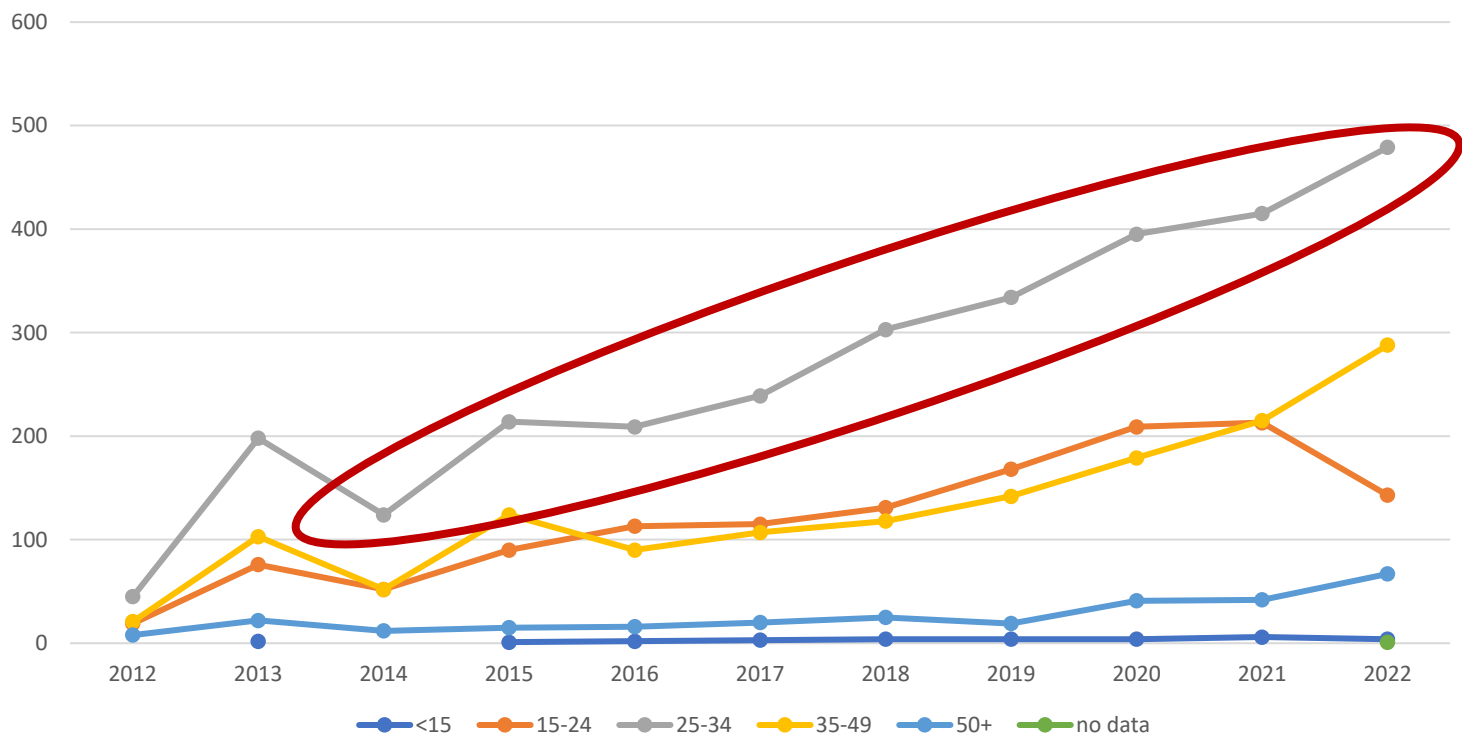
Region	Estimated PLHIV	%
NCR	49,800.00	31%
4A	26,800.00	17%
3	17,500.00	11%
7	14,400.00	9%
6	10,200.00	6%
11	9,300.00	6%
12*	4,600.00	3%
1	4,400.00	3%
10	4,000.00	3%
5	3,500.00	2%
2	2,600.00	2%
8	2,600.00	2%
9	2,500.00	2%
4B	2,400.00	2%
CARAGA	1,800.00	1%
CAR	1,400.00	1%
BARMM	500	0%

Estimated PLHIV in the PH 2022

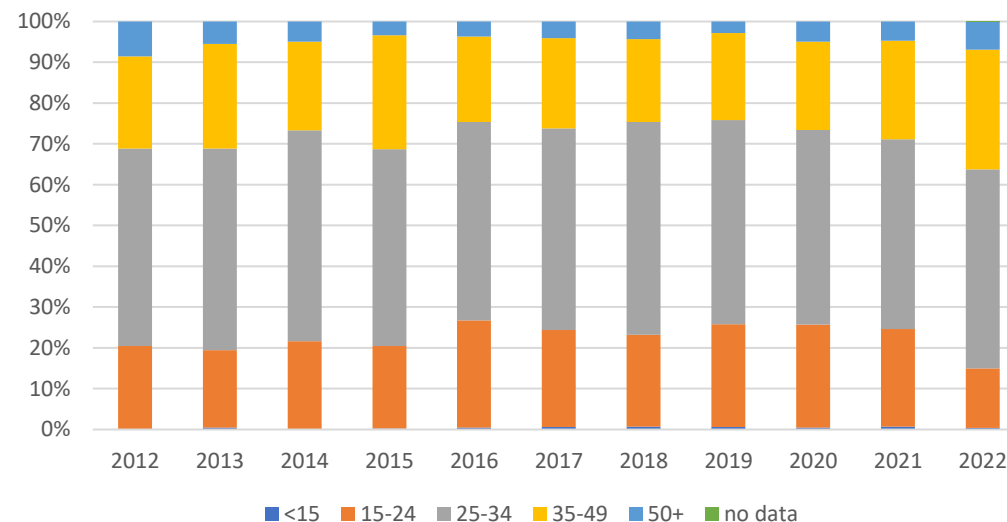


National deaths among those diagnosed with HIV by Age Bands, 2012-2022

National deaths among those diagnosed with HIV by Age Bands, 2012-2022 (n=6041)



Proportion of National deaths among those diagnosed with HIV by Age Bands, 2012-2022 (n=6041)

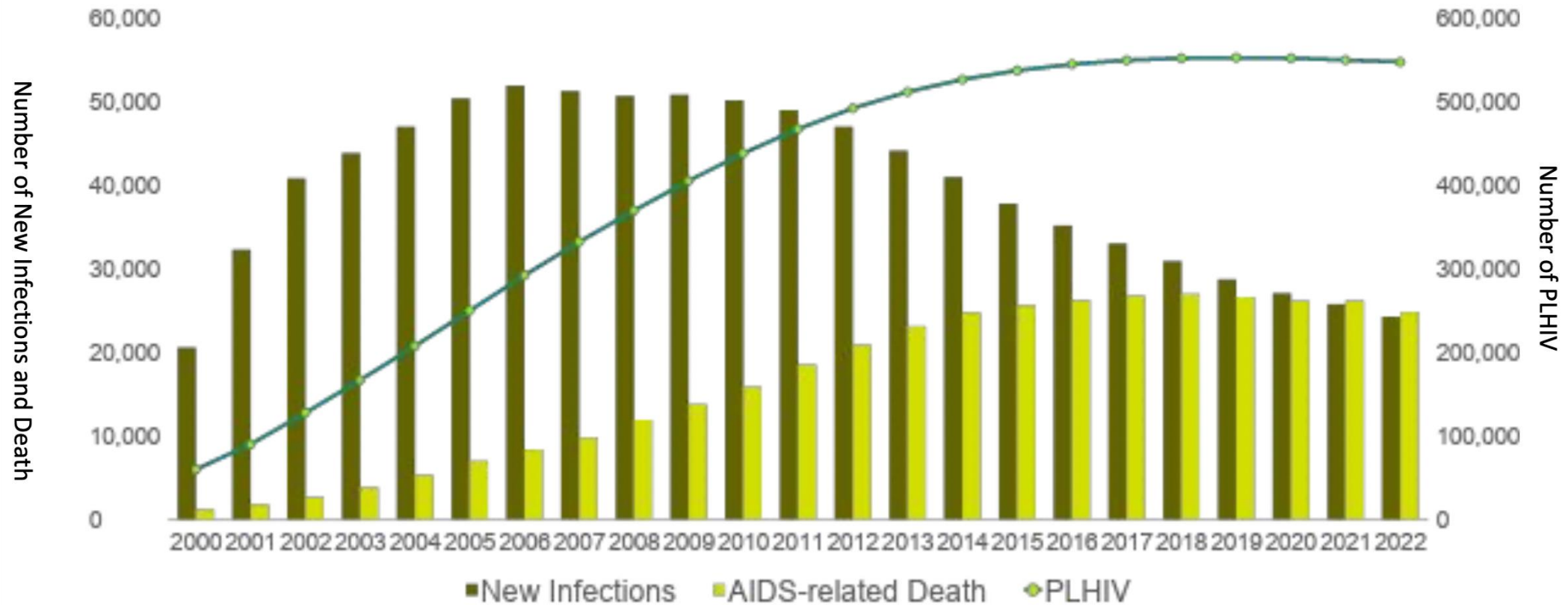




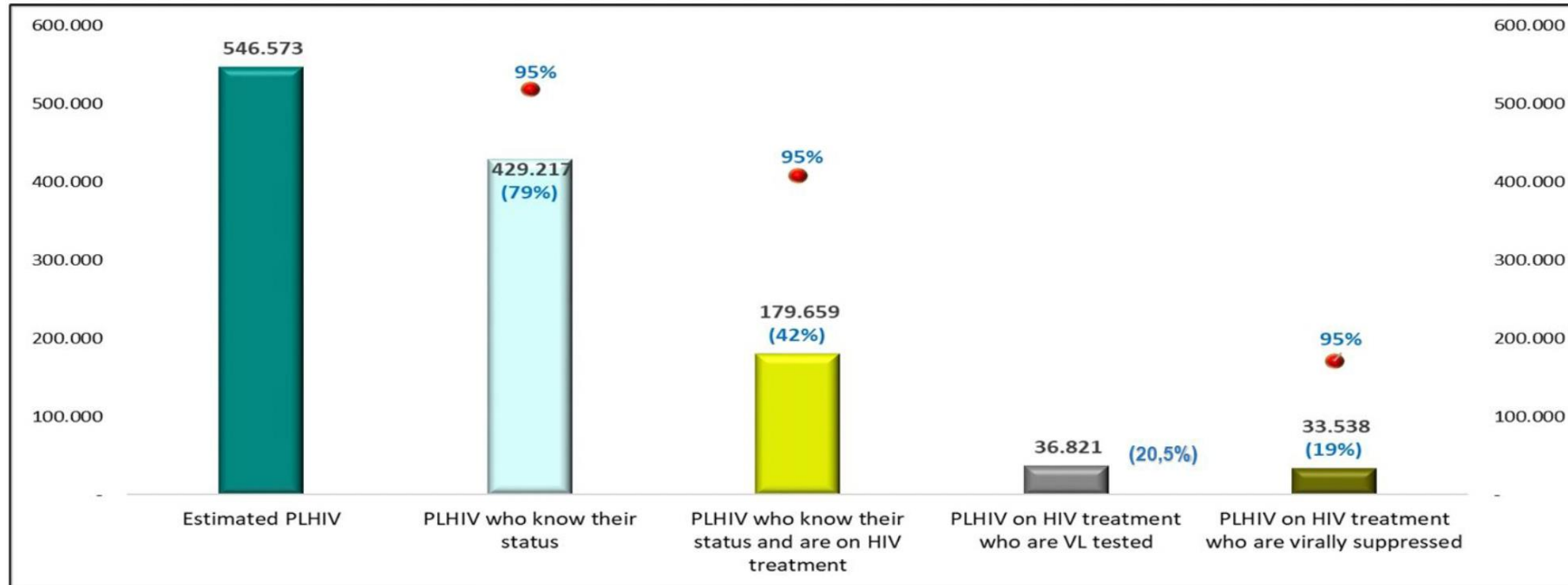
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20 YEARS OF IMPACT

Indonesia

Trend of HIV New Infections, PLHIV and AIDS-related Death 2000-2022



Progress Towards 95-95-95

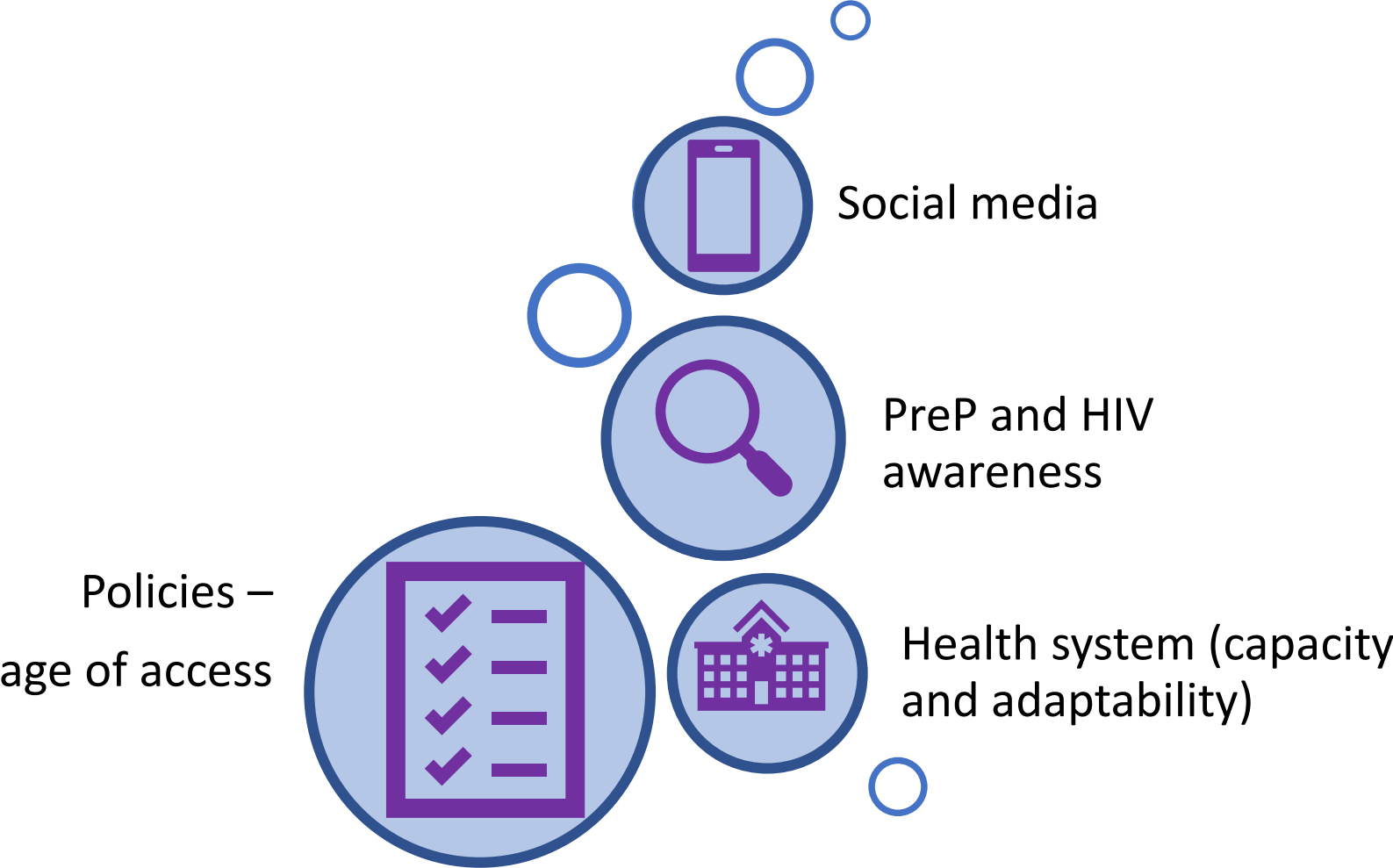


Source: MoH up to December 2022

INDICATORS	PLHIV WHO KNOW THEIR STATUS	PLHIV WHO KNOW THEIR STATUS ARE ON ARV TREATMENT	PLHIV ON ARV TREATMENT WHO ARE VL TESTED
TARGET 2022*	75%	55%	65%
TARGET 2023*	81%	66%	70%

* Target Based on National Action Plan of Prevention and Controlling HIV AIDS & STI's In Indonesia 2020 - 2024

Frontier for youth bulge



Frontier for key populations, MSM



2030 and beyond

- To end HIV as a public health threat by 2030:
 - 85% of PLHIV virally suppressed by 2025
 - Adaptive biomedical, behavioral, and structural interventions to reduce the transmission of HIV
 - HIV treatment impact on incidence and mortality
 - Address increasing MSM
 - Address youth bulge
 - Real-time policy changes
- Need agile PrEP service delivery for timely response to dynamic
 - Civil unrest/conflict, natural disasters, changing populations needs



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Thank you