

Update on epidemiology of HIV in Aotearoa New Zealand

HIV Women's Seminar

Auckland

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University of Otago



University
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ŌTĀKOU WHAKAIHU WAKA

Girls and women with HIV: global situation

UNAIDS | 2019

- ❖ 39.9 million people living with HIV at the end of 2023
 - 20.5 million women aged 15+
 - 1.4 million children (<15 years)
- ❖ In 2023, about 3200 new HIV infections a day among adults (aged 15+)
 - 44% are among women

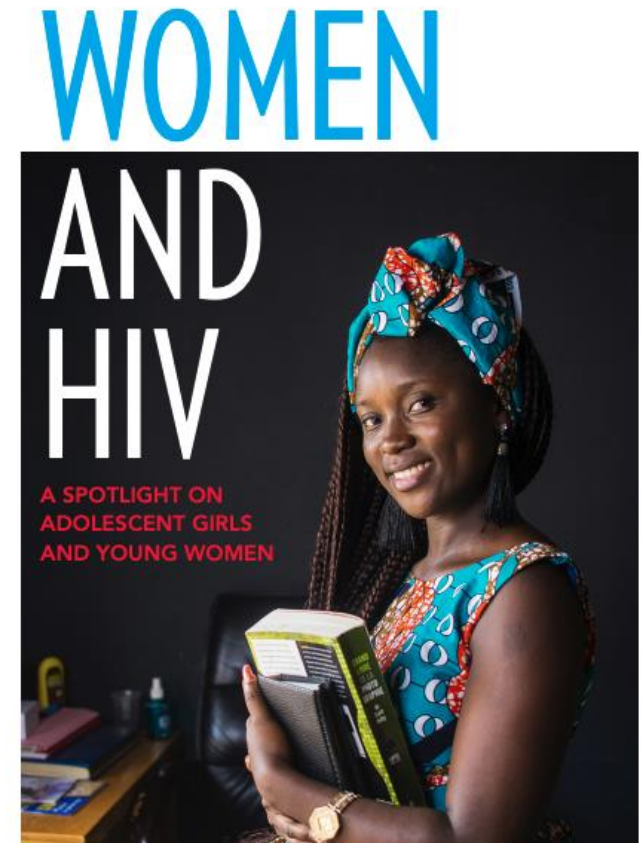


Image:
https://www.unaids.org/sites/default/files/media_asset/2019_women-and-hiv_en.pdf

In Aotearoa New Zealand.....

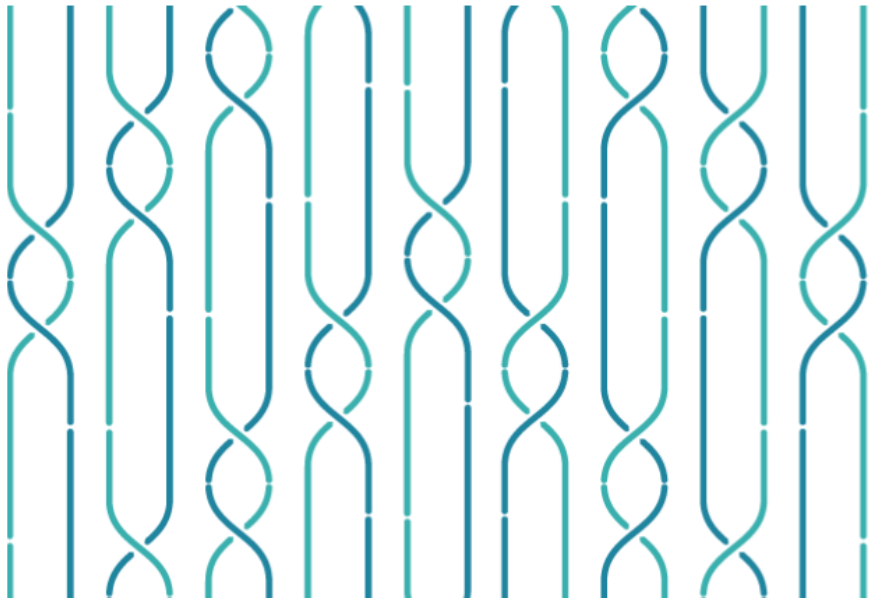


- ❖ Total of 893 females have been notified with HIV since the start of surveillance in 1985
- ❖ 521 women were on subsidised ART at mid 2023 (Pharmac)
- ❖ Average of 18 women diagnosed in New Zealand per year
- ❖ Total of 40 transgender people notified with HIV since the start of surveillance – most were transgender women
- ❖ Average of 2 transgender people diagnosed in New Zealand per year over the past 10 years

NATIONAL HIV ACTION PLAN FOR AOTEAROA NEW ZEALAND 2023–2030

An Aotearoa New Zealand where HIV transmission is eliminated and all people living with HIV have healthy lives free from stigma and discrimination

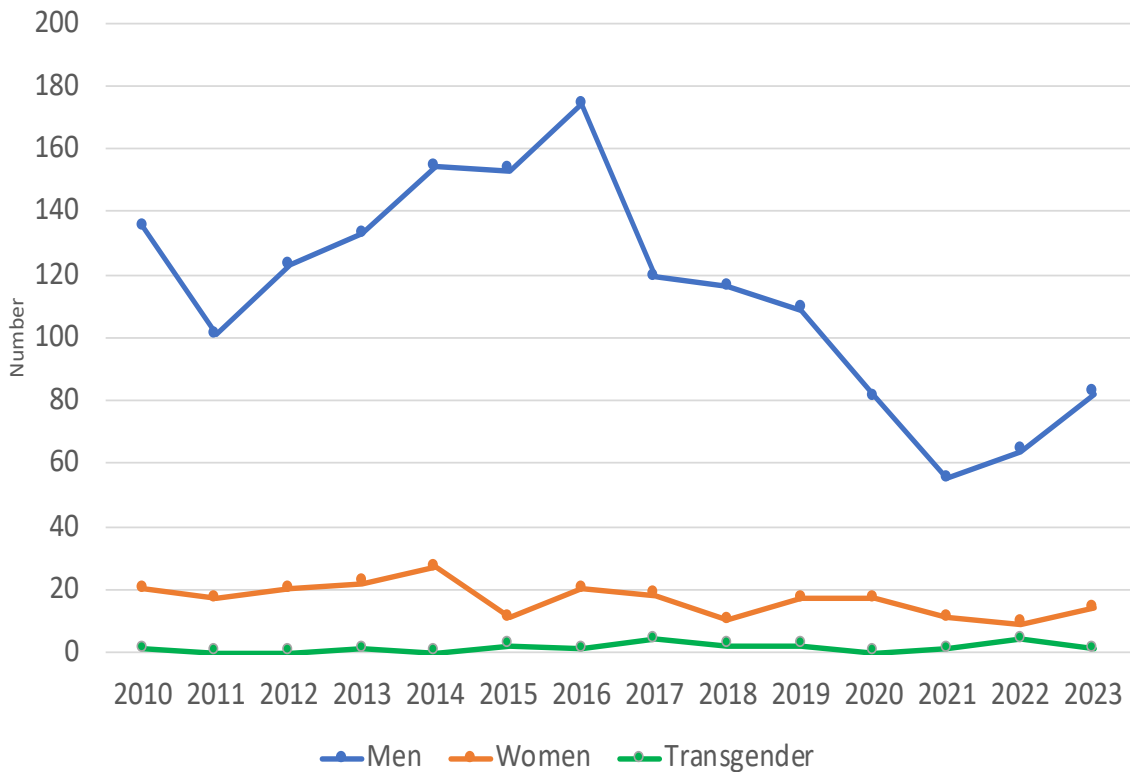
2023



- Goal 1:** Reduced number of new locally acquired HIV infections
- Goal 2:** Improved Māori health and wellbeing in relation to HIV by delivering on our Tiriti o Waitangi
- Goal 3:** Decreased mortality and the negative consequences of HIV on health and wellbeing
- Goal 4:** Decreased experiences of stigma and discrimination for people living with HIV
- Goal 5:** Increased equity in relation to all HIV goals and objectives

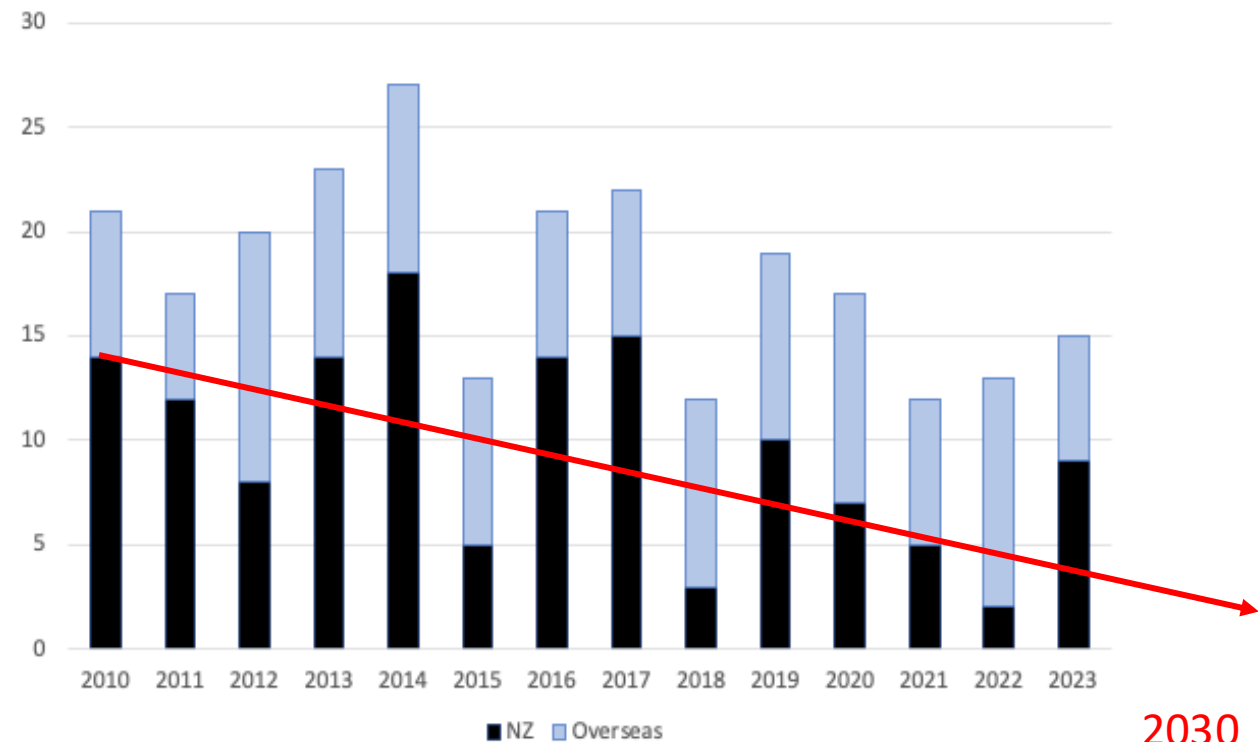
Annual number of people diagnosed with HIV in New Zealand: 2010 - 2023

By gender:



Average of 18 women diagnosed in NZ per year

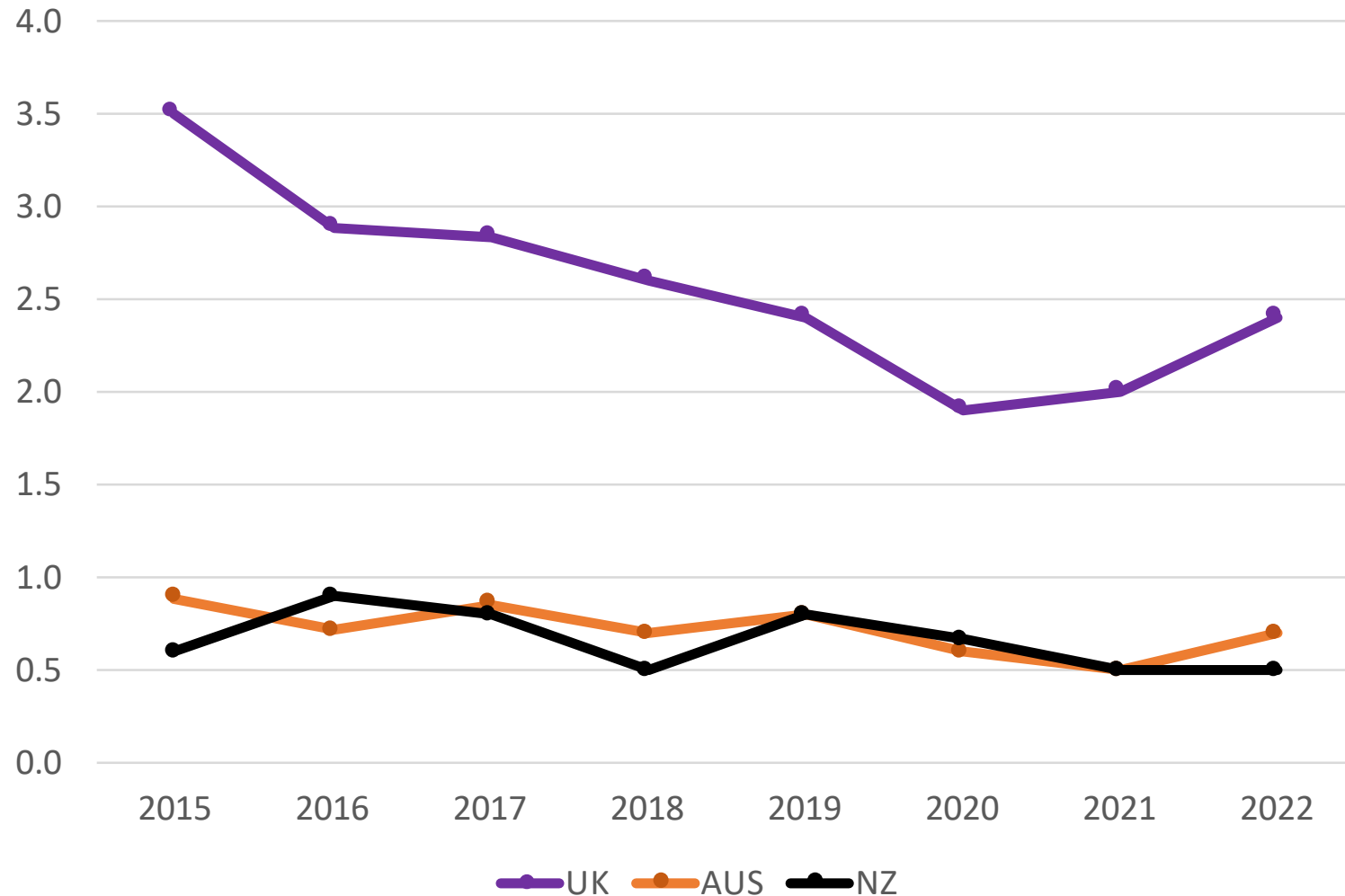
Place of acquisition for women and transgender women:



Average of 10 women acquired HIV in NZ per year

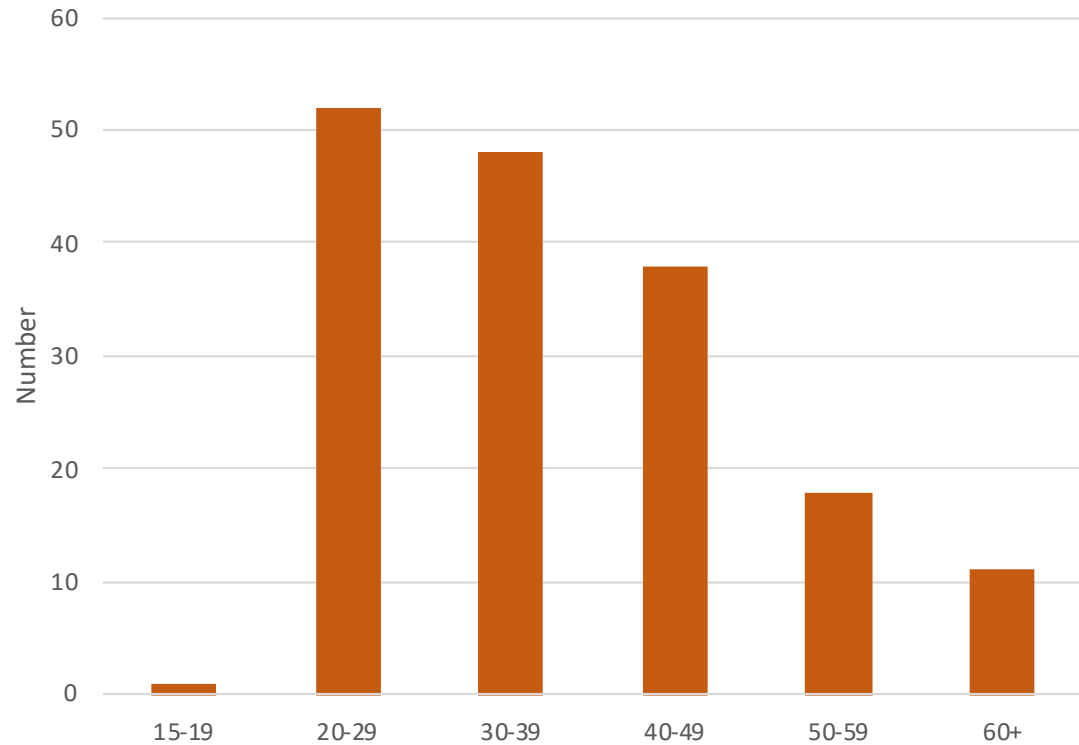
2030
1 woman

Annual rate of HIV diagnoses in women per 100,000: New Zealand, Australia & United Kingdom

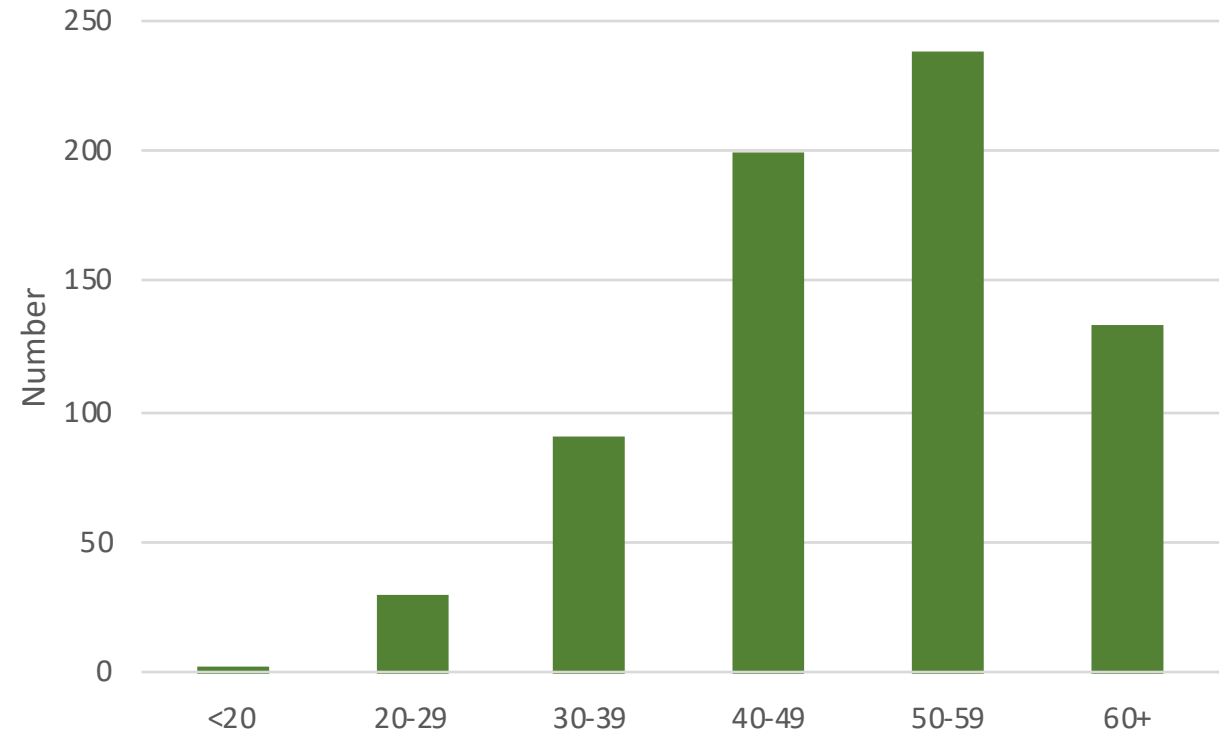


Characteristics of women diagnosed with HIV in Aotearoa New Zealand

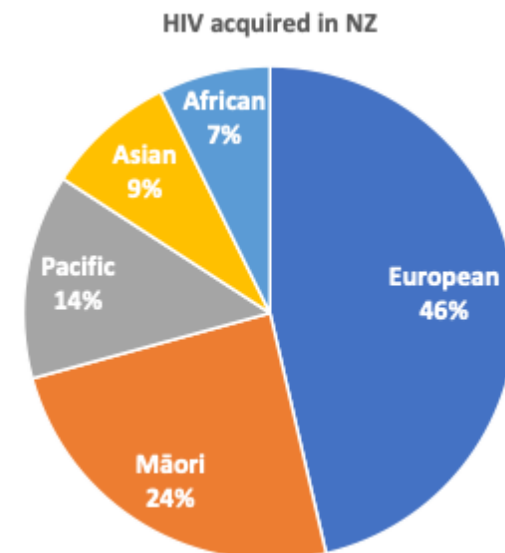
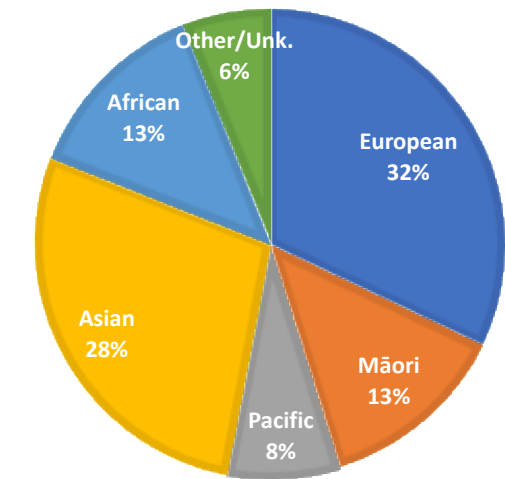
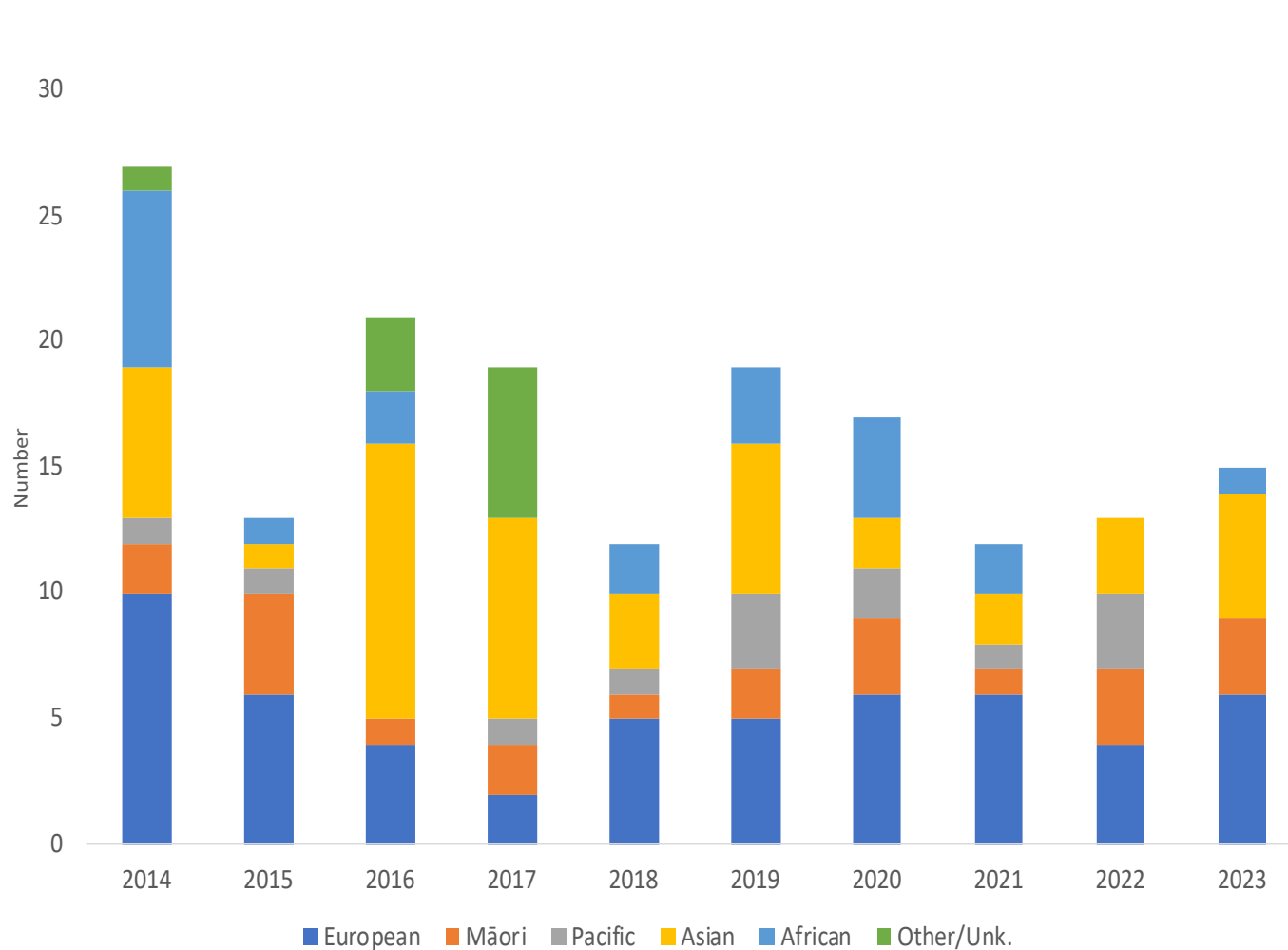
Age at time of diagnosis for women diagnosed (2014 – 2023)



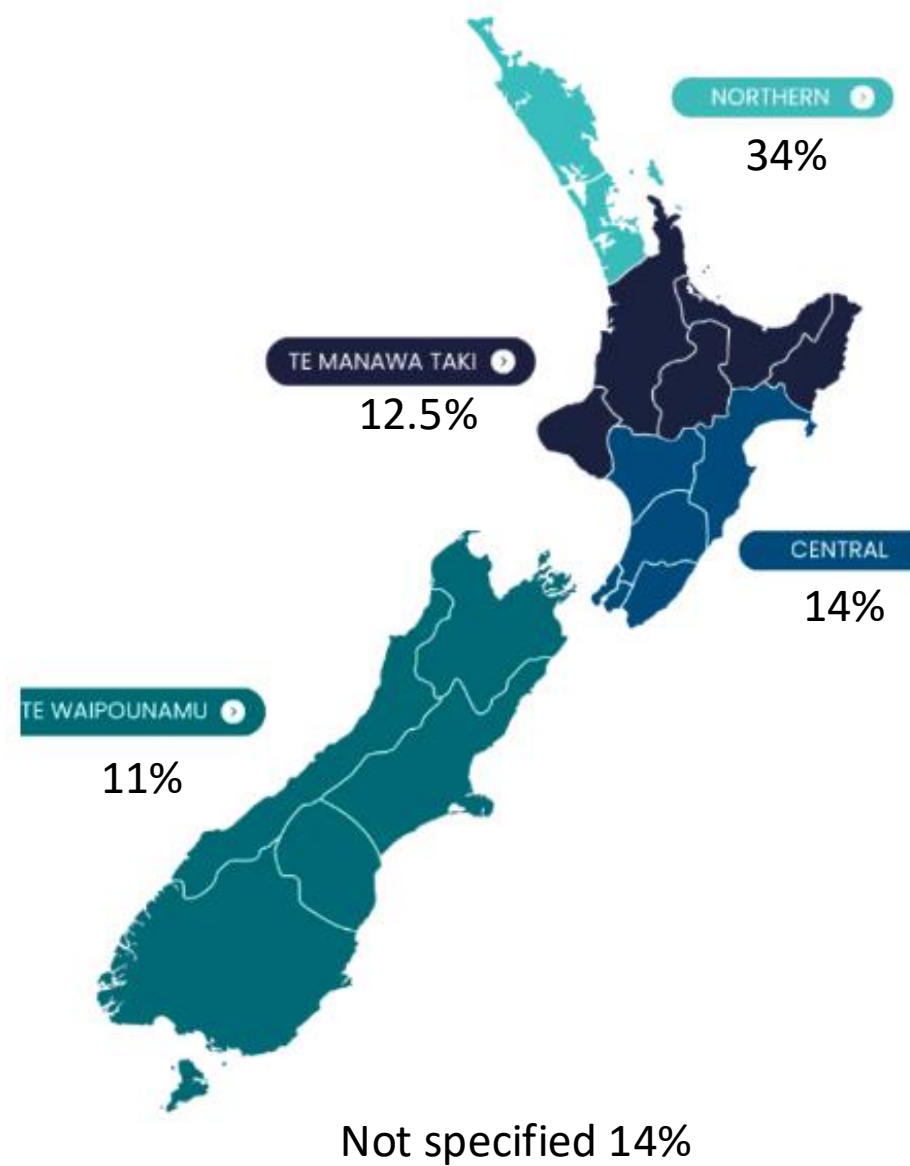
Current estimated age of all women living with HIV



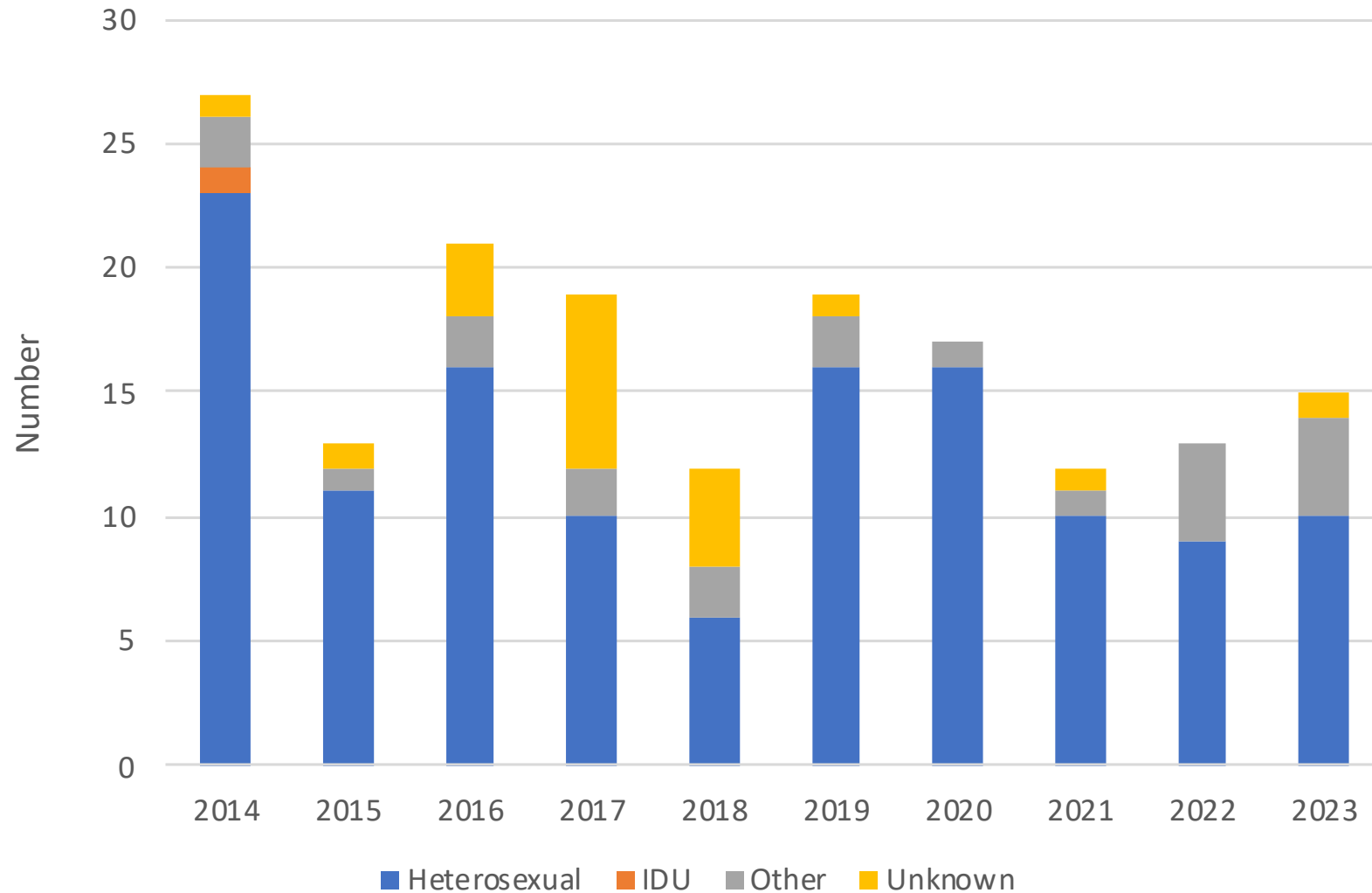
Ethnicity of women diagnosed with HIV in New Zealand (2014 – 2023)



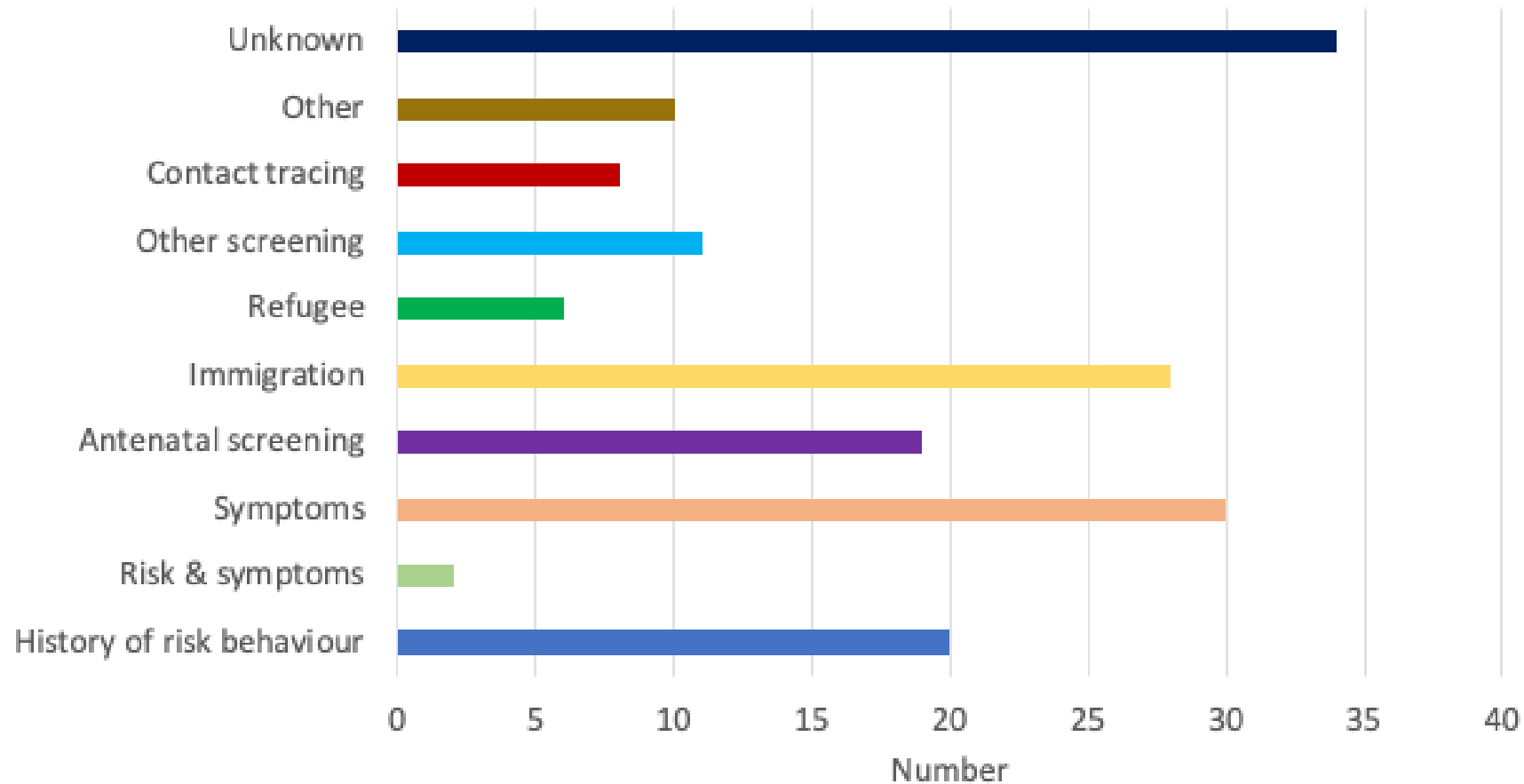
Place of residence of women diagnosed with HIV in New Zealand (2014 – 2023)



Means of acquisition of HIV of women diagnosed in New Zealand (2014 – 2023)



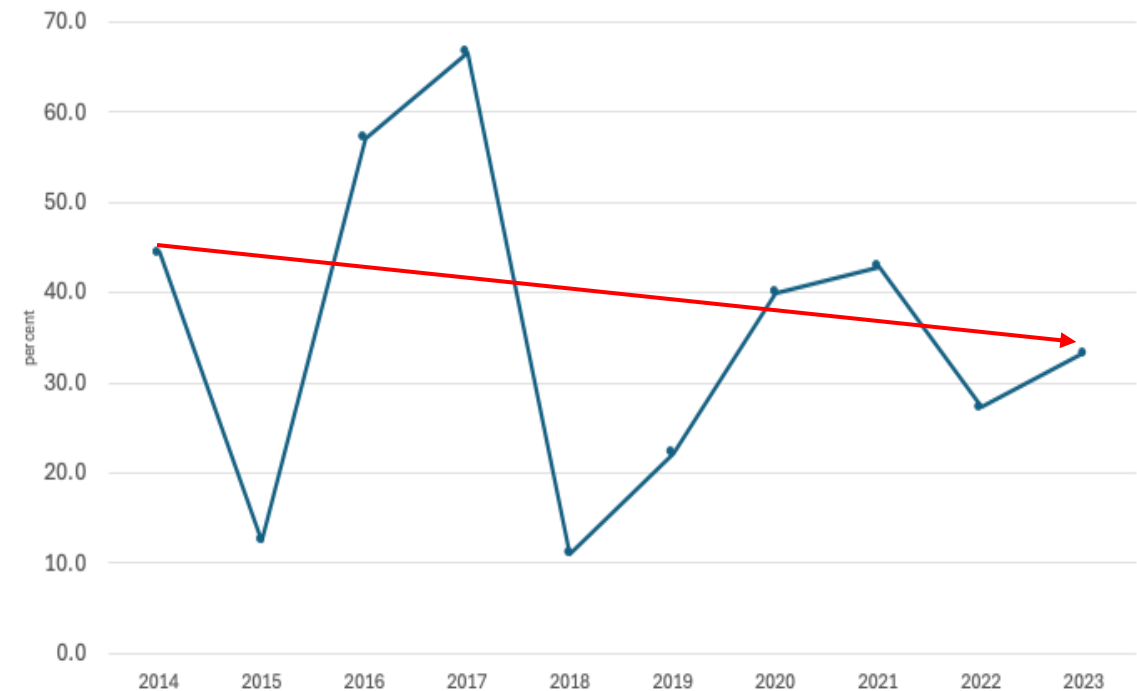
Reason for test of women diagnosed in New Zealand (2014 – 2023)



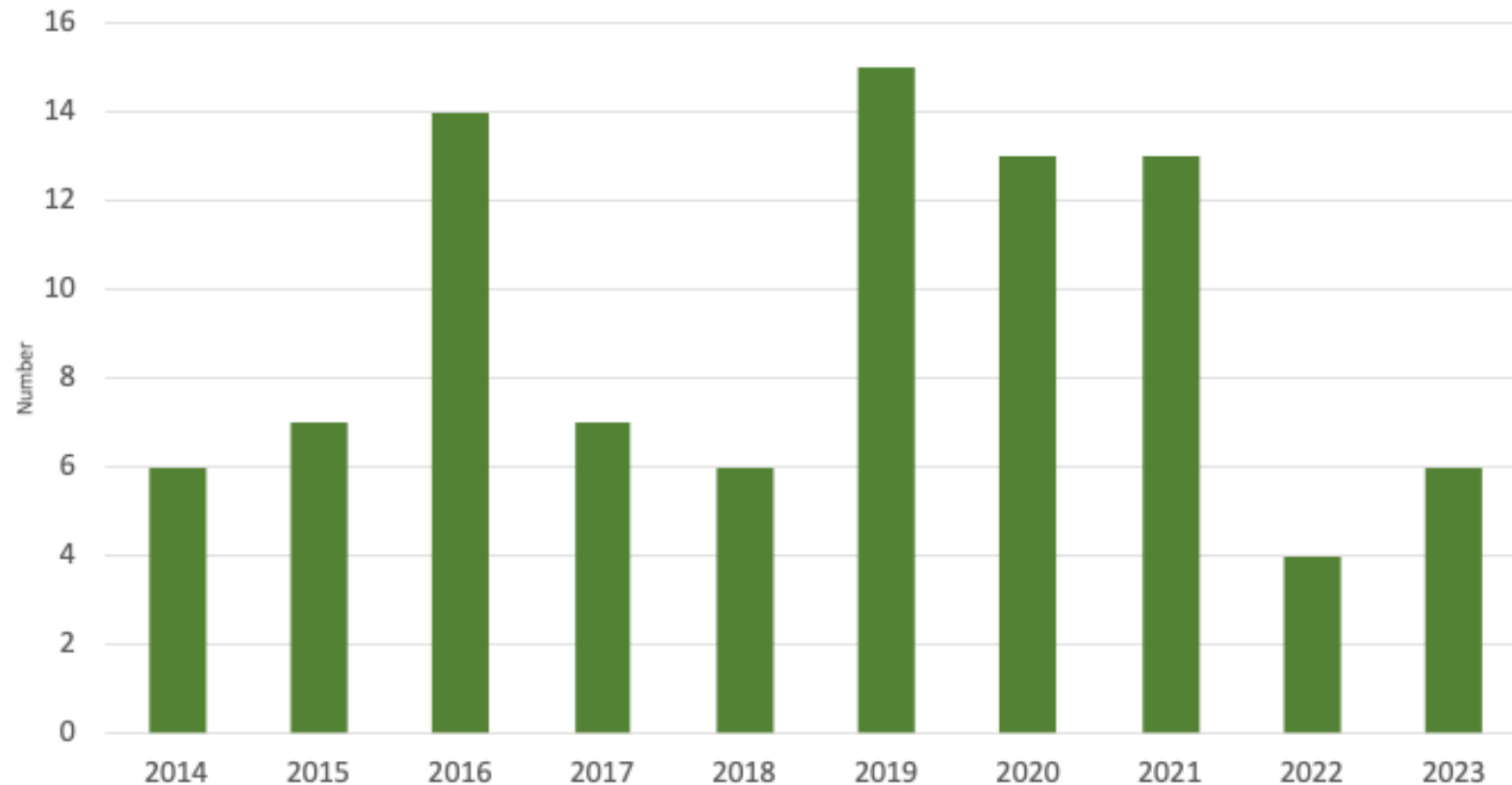
Initial CD4 count of heterosexual men and women diagnosed with HIV acquired in New Zealand

2018-2023

CD4 count	Heterosexual female n (%)	Heterosexual male n (%)	MSM n (%)
<350	14 (34.2)	12 (41.4)	105 (37.6)
350-499	5 (12.2)	5 (17.2)	51 (18.3)
500+	20 (48.8)	10 (34.5)	109 (39.1)
Unknown	2 (4.8)	2 (6.9)	14 (5.0)
Total	41	29	279



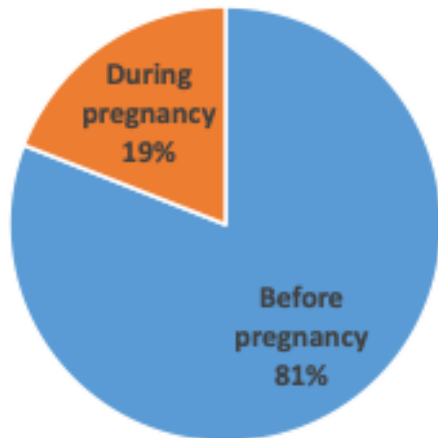
Births to women living with HIV (2014 – 2023)



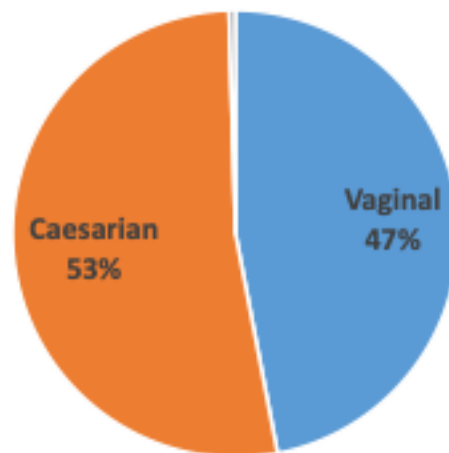
Total births
1998 to 2023
N=215

Births to women living with HIV (1998-2023)

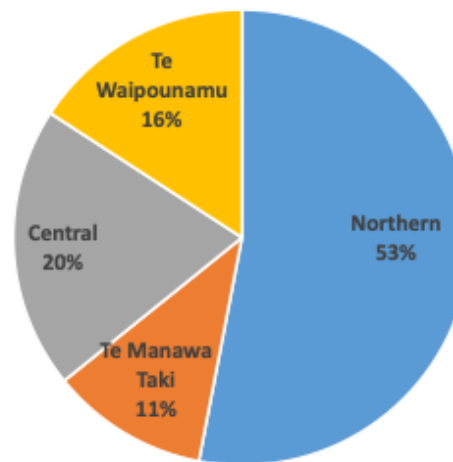
Timing of diagnosis



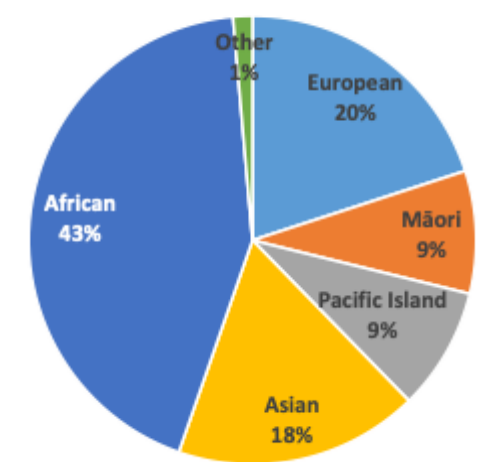
Method of delivery



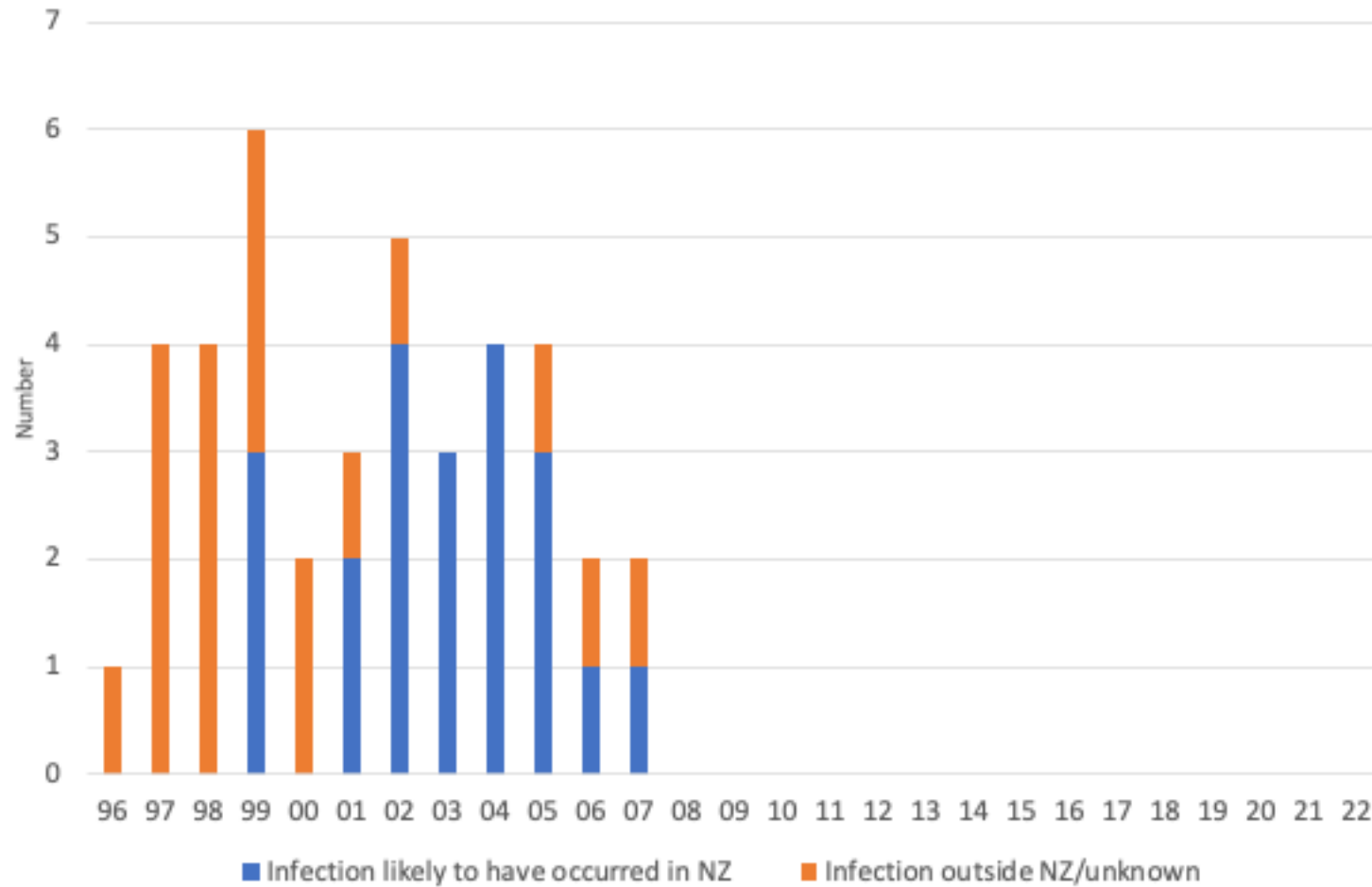
Region of residence



Mother's ethnicity



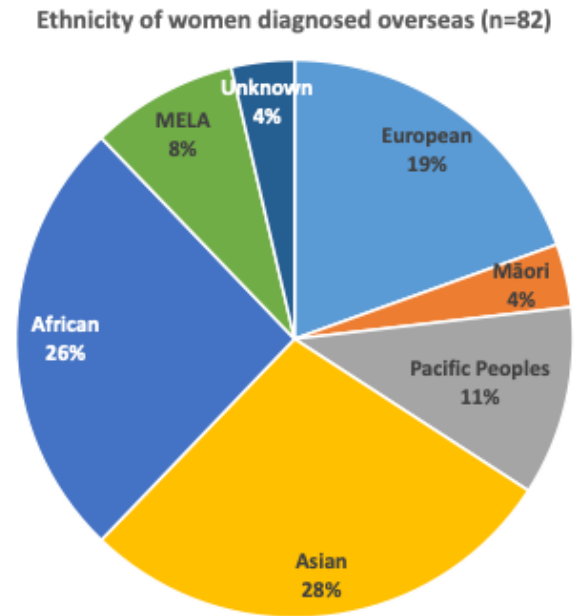
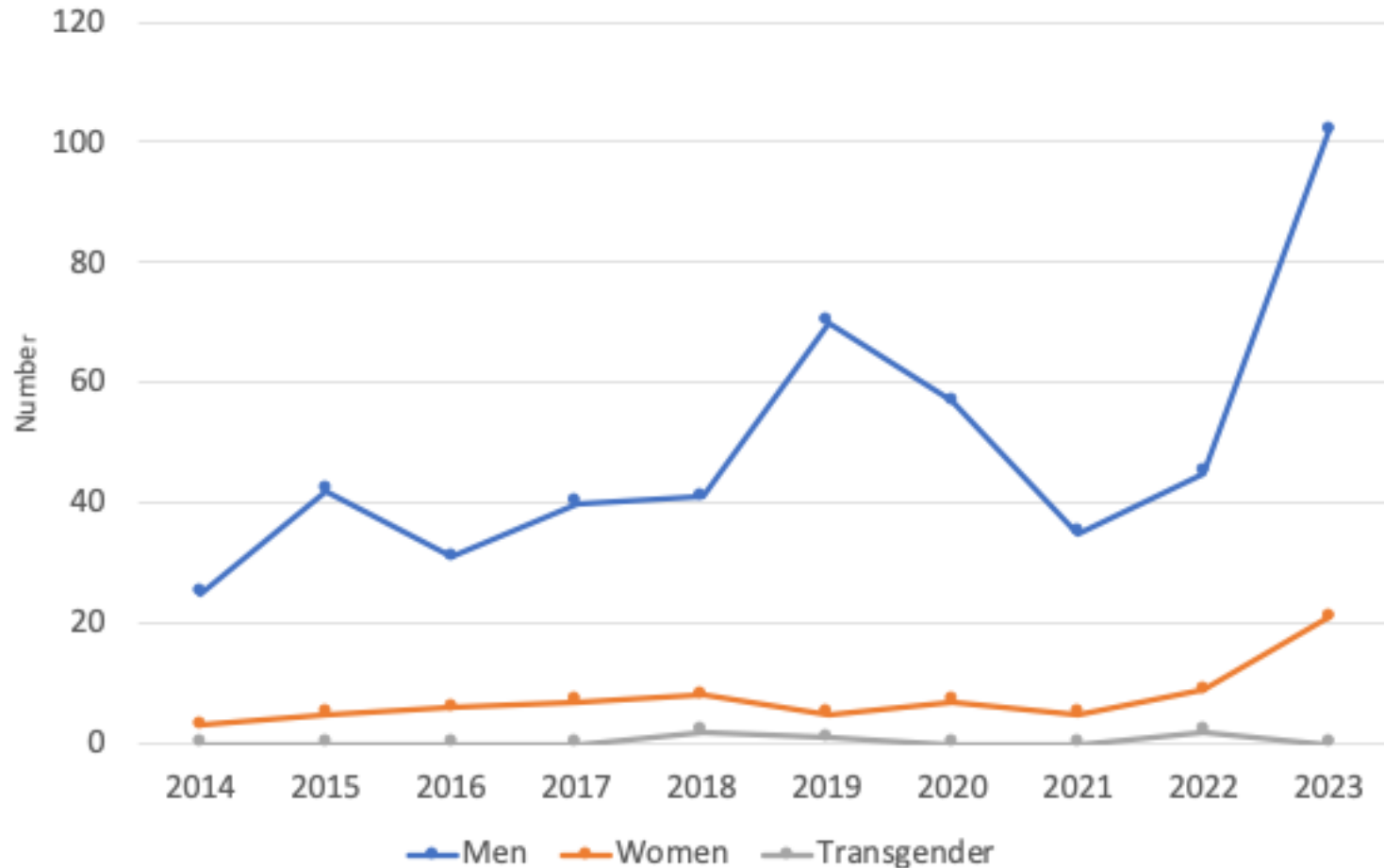
Perinatal transmission



HIV Action Plan Goal 1:

Maintain zero cases of
perinatal transmission

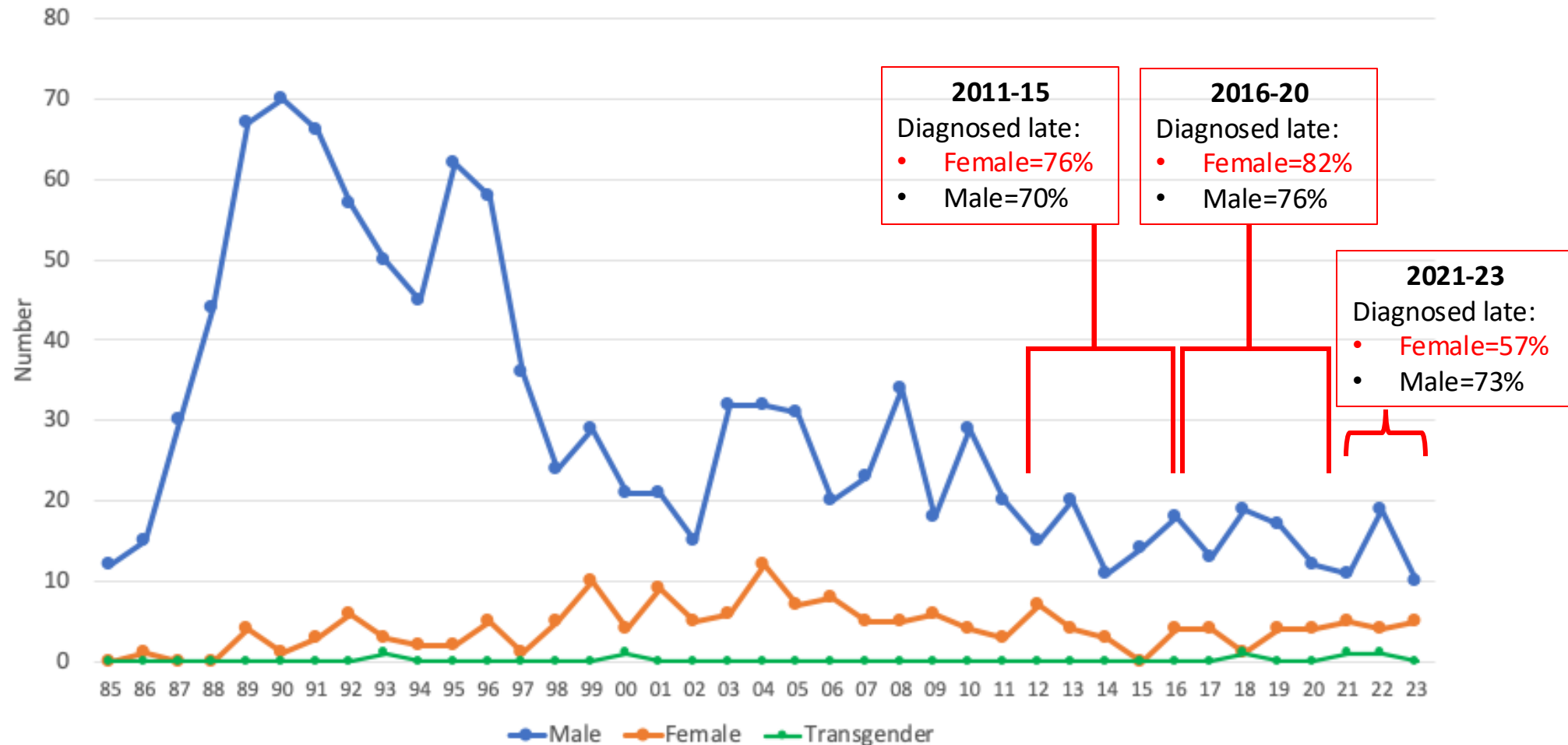
People first diagnosed with HIV overseas



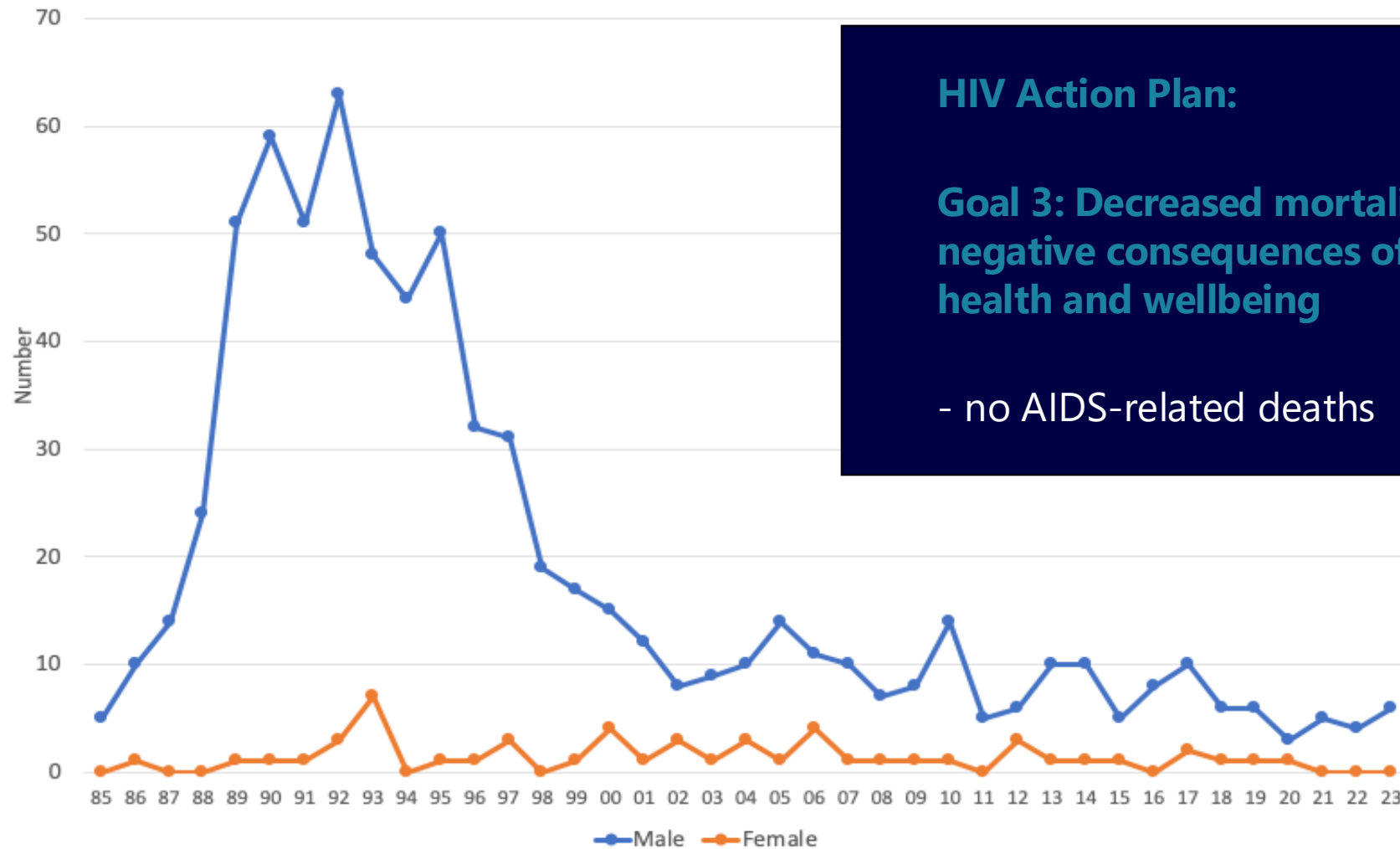


AIDS

Annual number of females (n=162) and males (n=1140) diagnosed with AIDS by year of diagnosis



AIDS deaths



HIV Action Plan:

Goal 3: Decreased mortality and the negative consequences of HIV on health and wellbeing

- no AIDS-related deaths

Note: the number of deaths for recent years may increase due to delayed reporting

Summary

- ❖ Average of 10 women per year with HIV acquired in Aotearoa → 2030 goal ~1
 - late diagnosis
- ❖ Increase in the number of overseas diagnosed women → care and support
 - women of all ethnic groups

“In 2022, 1.3 million people were newly infected with HIV. While the world has committed to ending AIDS by 2030, rates of new infections and deaths are not falling rapidly enough to meet that target”.

World Health Organization
<https://www.who.int/news-room/spotlight/why-the-hiv-epidemic-is-not-over>

Acknowledgements

- Positive Women Incorporated & Sponsors of today's seminar
- Clinicians, HIV nurse specialists and their support staff
- Laboratory staff
- Ministry of Health – Funding of the AIDS Epidemiology Group
- AIDS Epidemiology Group – Dr Jerram Bateman and Ms Ashleigh de Gouw

Supporting people
living with HIV in
Aotearoa
New Zealand on
antiretroviral therapy
(ART)



We are a group of researchers from the University of Otago **interested in the experiences of people living with HIV who are not on ART, or face difficulties staying on ART.** We are seeking participants aged 18 and over living with diagnosed HIV in Aotearoa New Zealand.

If you agree to participate, we will arrange an interview with you that can either be face-to-face, by telephone, or an online video call. The interview will take approximately 45-60 minutes, at a time convenient to you. You are welcome to invite a support person to the interview.

At the end of the interview we will send you a \$50 voucher in appreciation of your contribution.

If you are interested in participating, please contact:

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