INTRODUCTION

1. **Overview**
2. **Mortality Rate**
3. **HIV Epidemic**
4. **Poverty vs. Health Access**
5.

CONDOMS & HIV INFECTION RATES

men use condoms more often = lower HIV rate

On average, 52% of men ages 15-24 use a condom during intercourse while only 11% of women use a condom during intercourse
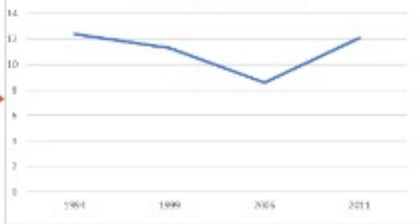
On average, only 6% of males ages 15-24 are infected with HIV compared to females with an average of 12%

who are these men having sex with? you'd think the percentages would be closer to each other...
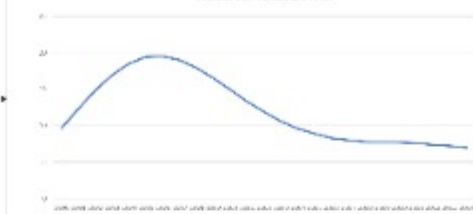
this 50/50 split can be seen in the indicator "women's share of population ages 15+ living w/ hiv" where, on avg, 57% of people who are 15+ AND are living w/ hiv are women
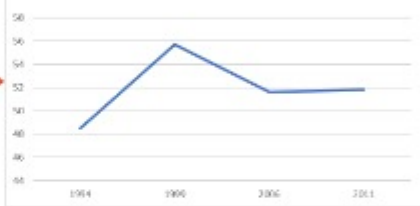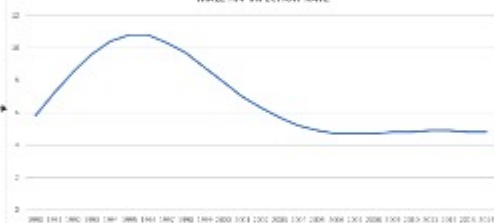
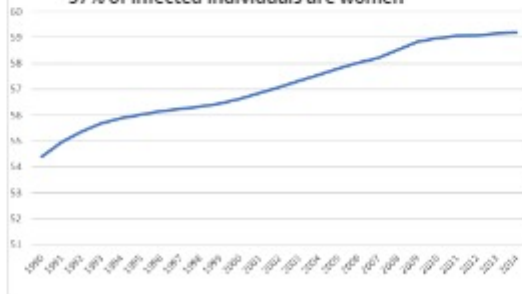miro

combine

FEMALE CONDOM USAGE

FEMALE HIV INFECTION RATE

MALE CONDOM USAGE

MALE HIV INFECTION RATE

57% of Infected Individuals are women
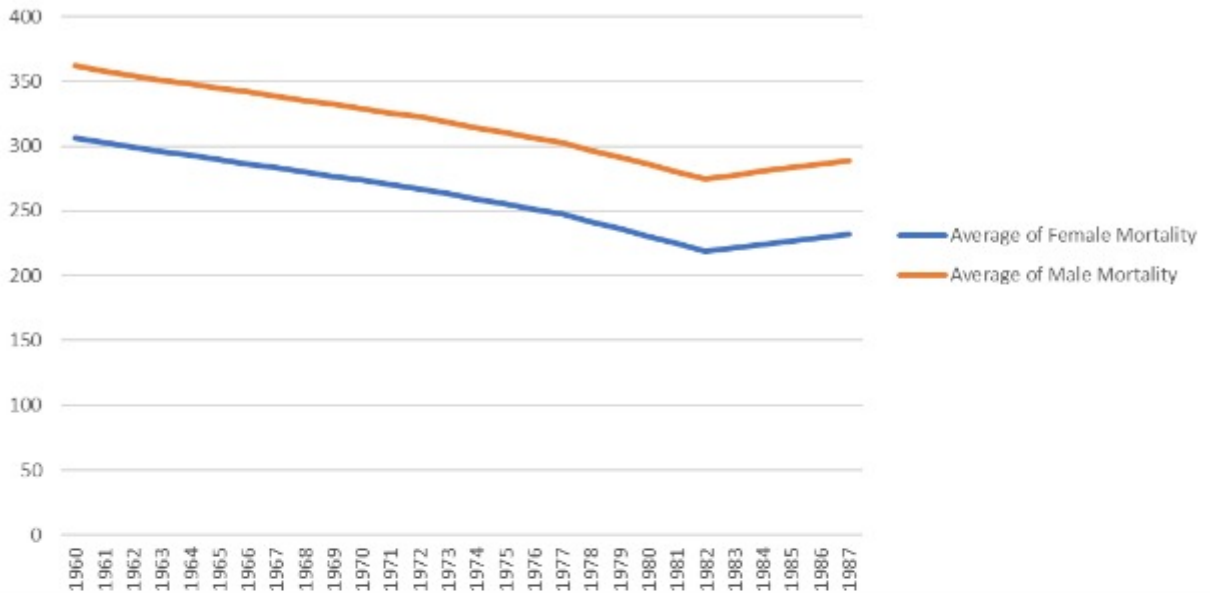
SPIKE IN MORTALITY RATE

Prior to 1987, the average mortality rate was 260 / 1000 females & 315 / 100 males

Post 1987, the average mortality rate was 591 / 1000 females & 590 / 100 males
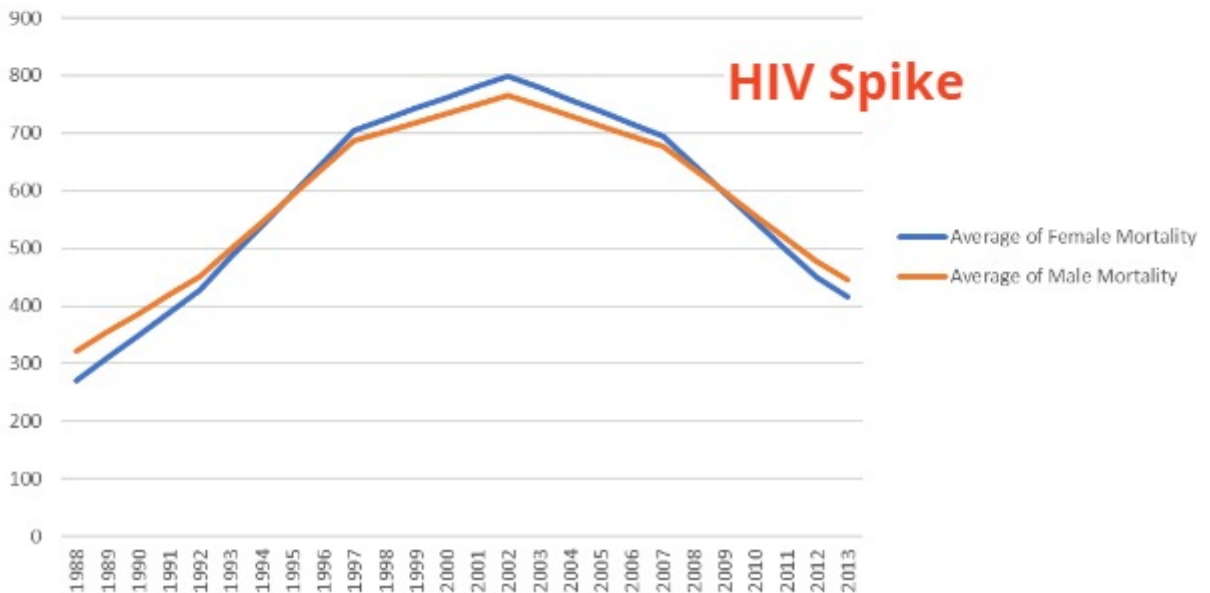
- 127% increase females
- 87% increase in males

BUT WHY?

MORTALITY RATE 1960 -> 1987

- Average of Female Mortality
- Average of Male Mortality

MORTALITY RATE 1987 -> TODAY

HIV Spike

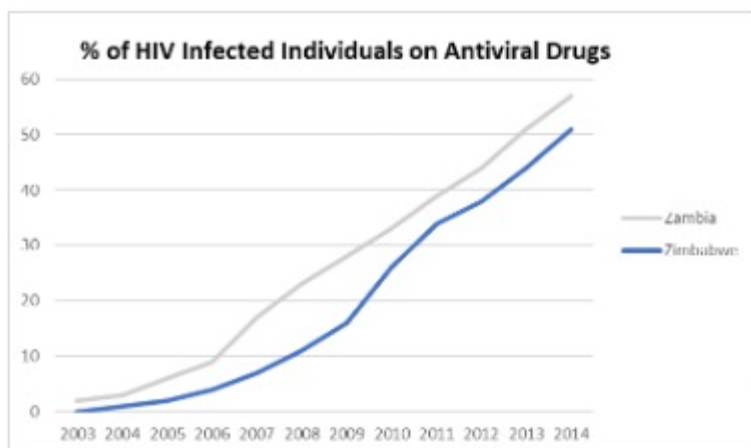- Average of Female Mortality
- Average of Male Mortality
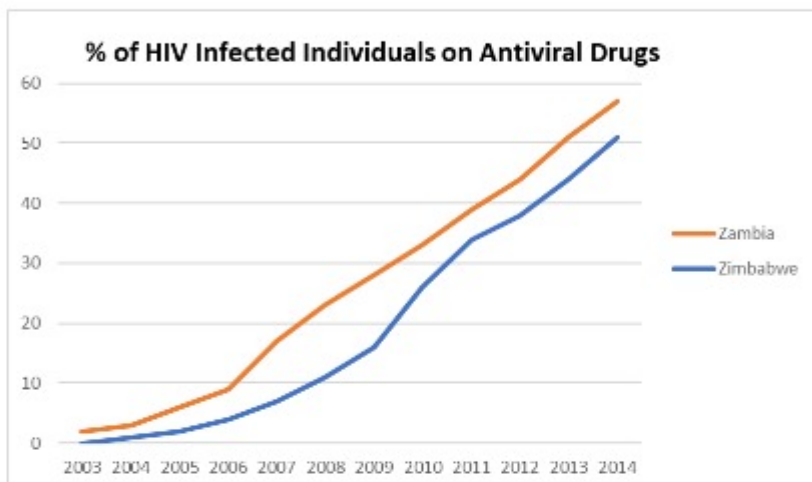
Resolution

Wrap up, Conclusion, and summary

ANTIVIRALS & LOWER COMMUNICABLE CAUSES OF DEATH

Since the introduction of antiretroviral drugs in 2004, on average, 19% of HIV infected individuals are on antiviral drugs
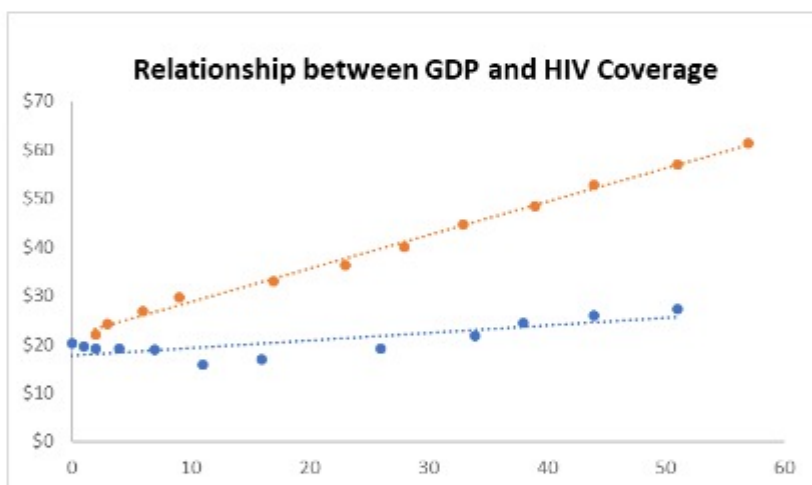
% of HIV Infected Individuals on Antiviral Drugs

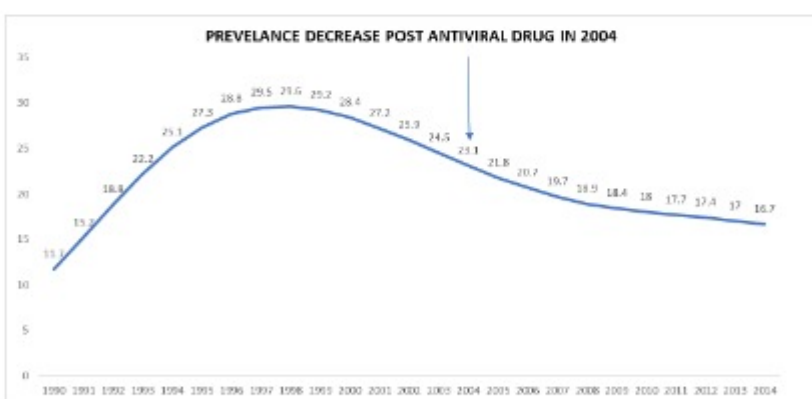## This also means that on average 81% of infected individuals don't have access to antiretroviral drugs

If we compare Zimbabwe to it's neighboring country Zambia, we can see that Zambia, a country w/ a higher GDP, has more access to antiviral drugs

% of HIV Infected Individuals on Antiviral Drugs

The relationship between GDP & access to Antiretrovirals can be seen in this scatterplot that shows that the higher the country's GDP, the larger percentage of people will have access to life-saving drugs

Relationship between GDP and HIV Coverage

Post antiviral, 19% of individuals have HIV compared to pre antiviral where 24% of individuals had HIV

PREVELANCE DECREASE POST ANTIVIRAL DRUG IN 2004

Since 2000, deaths due to communicable diseases has decreased by 19%

COD BY COMMUNICABLE DISEASES

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