



BALSILLIE SCHOOL  
OF INTERNATIONAL AFFAIRS

# **Slaying the Hydra: examining Universal ART's Accessibility, Affordability and Accountability Challenges**

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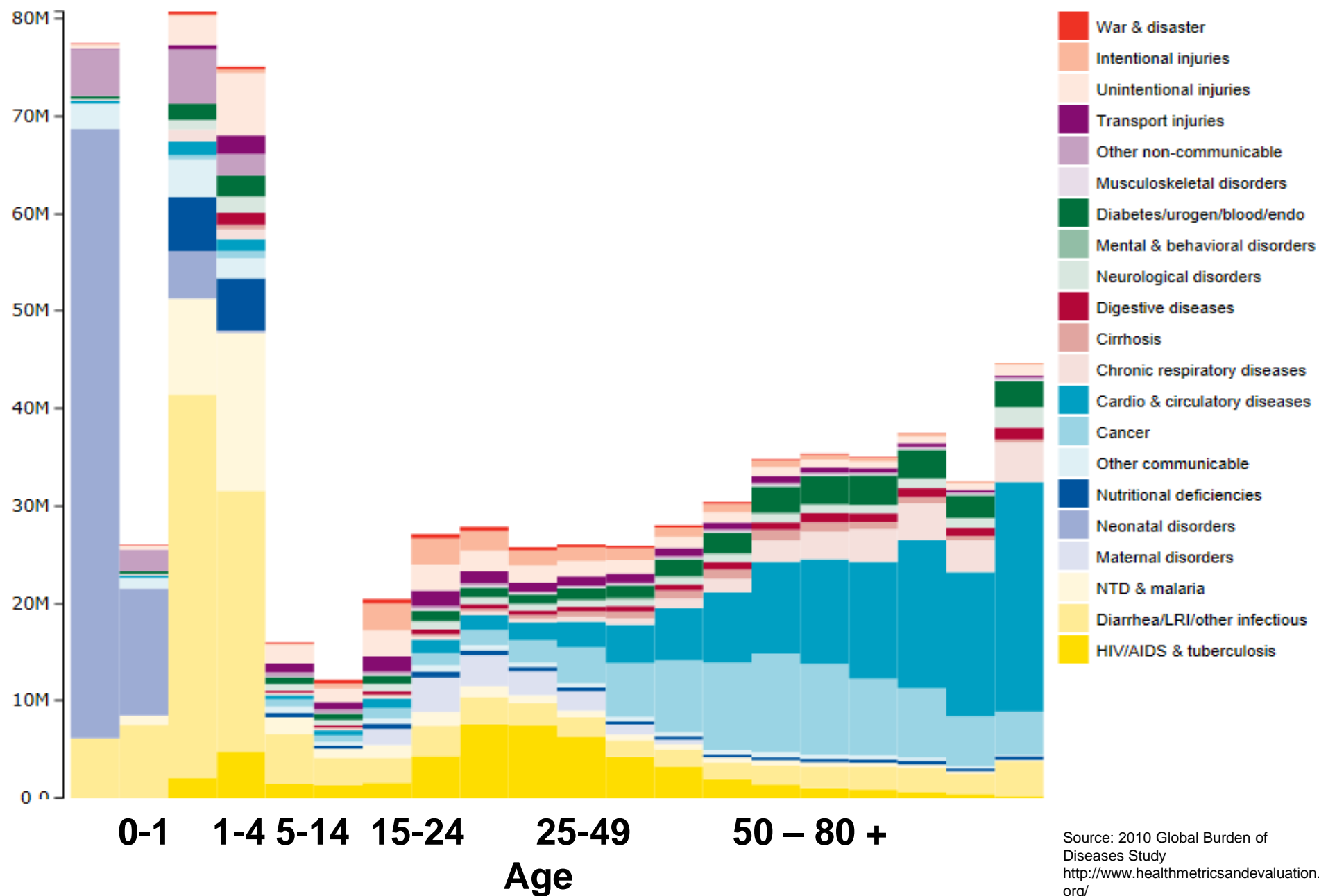
Waterloo, Ontario



# Three Parts

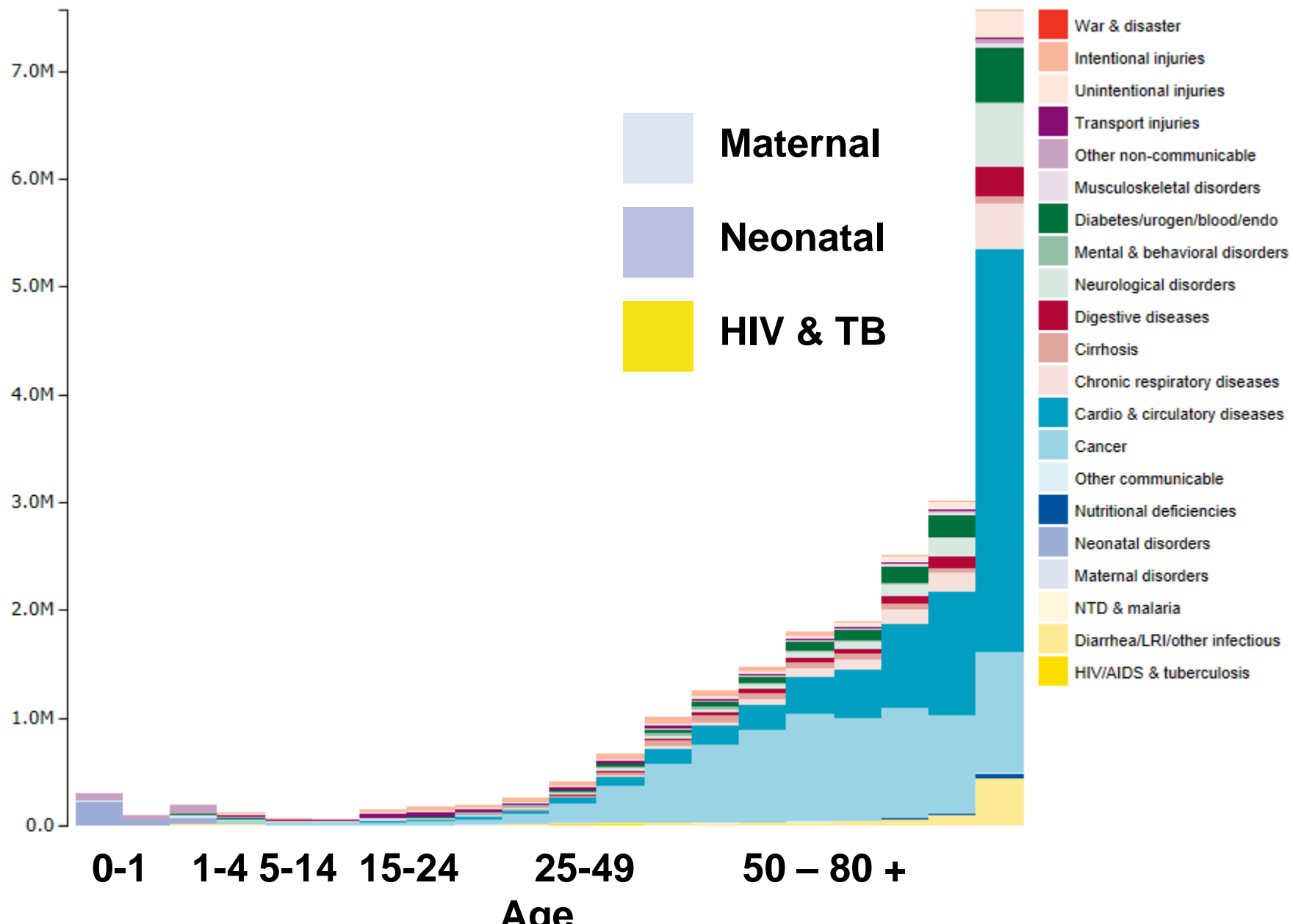
- The numbers
- What do we need to make AIDS over?
  - Prevention
  - Treatment
  - Treatment as prevention
- Accountability and messaging

# Years of life lost (women) by cause: Global, 2010

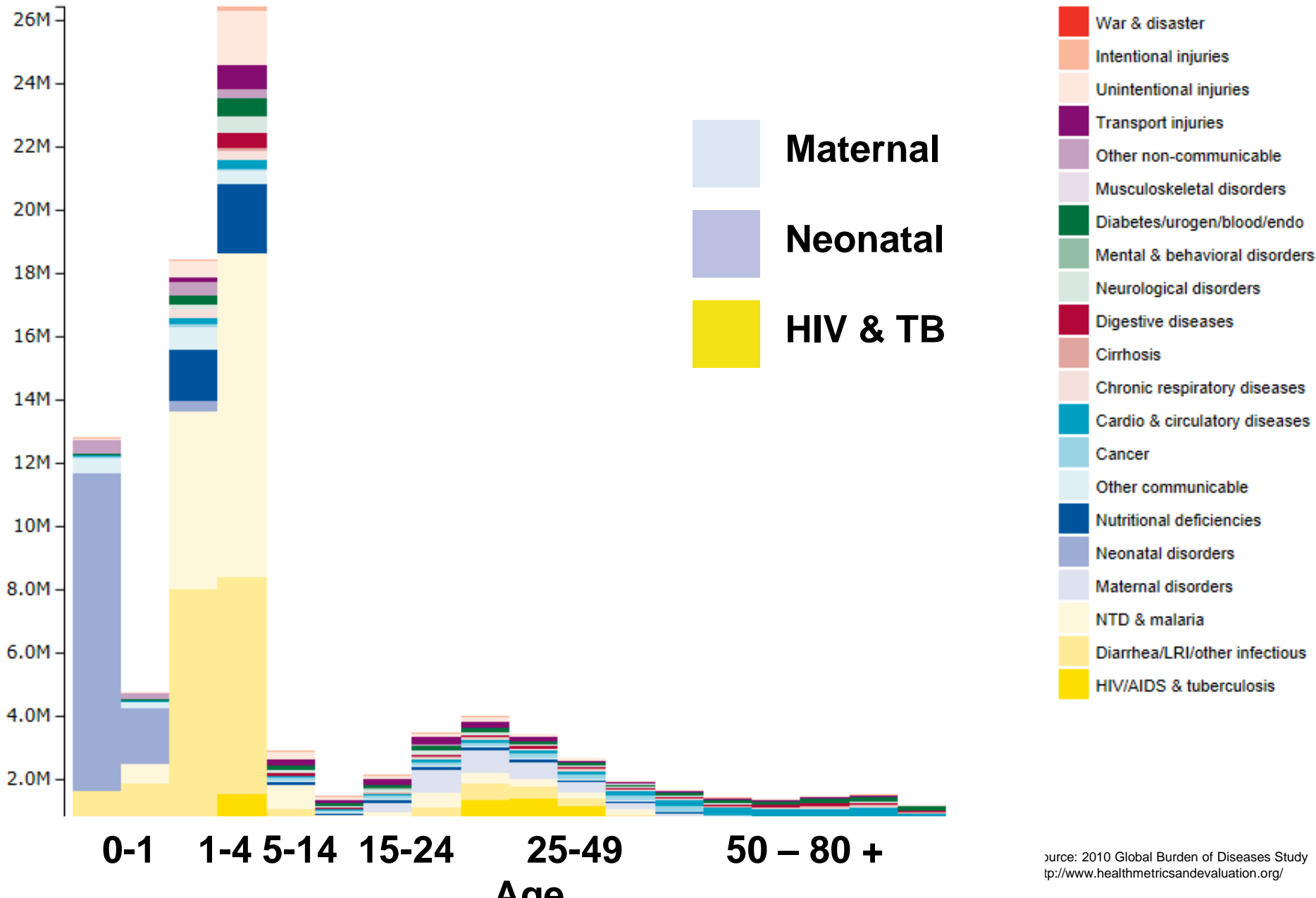


Source: 2010 Global Burden of Diseases Study  
<http://www.healthmetricsandevaluation.org/>

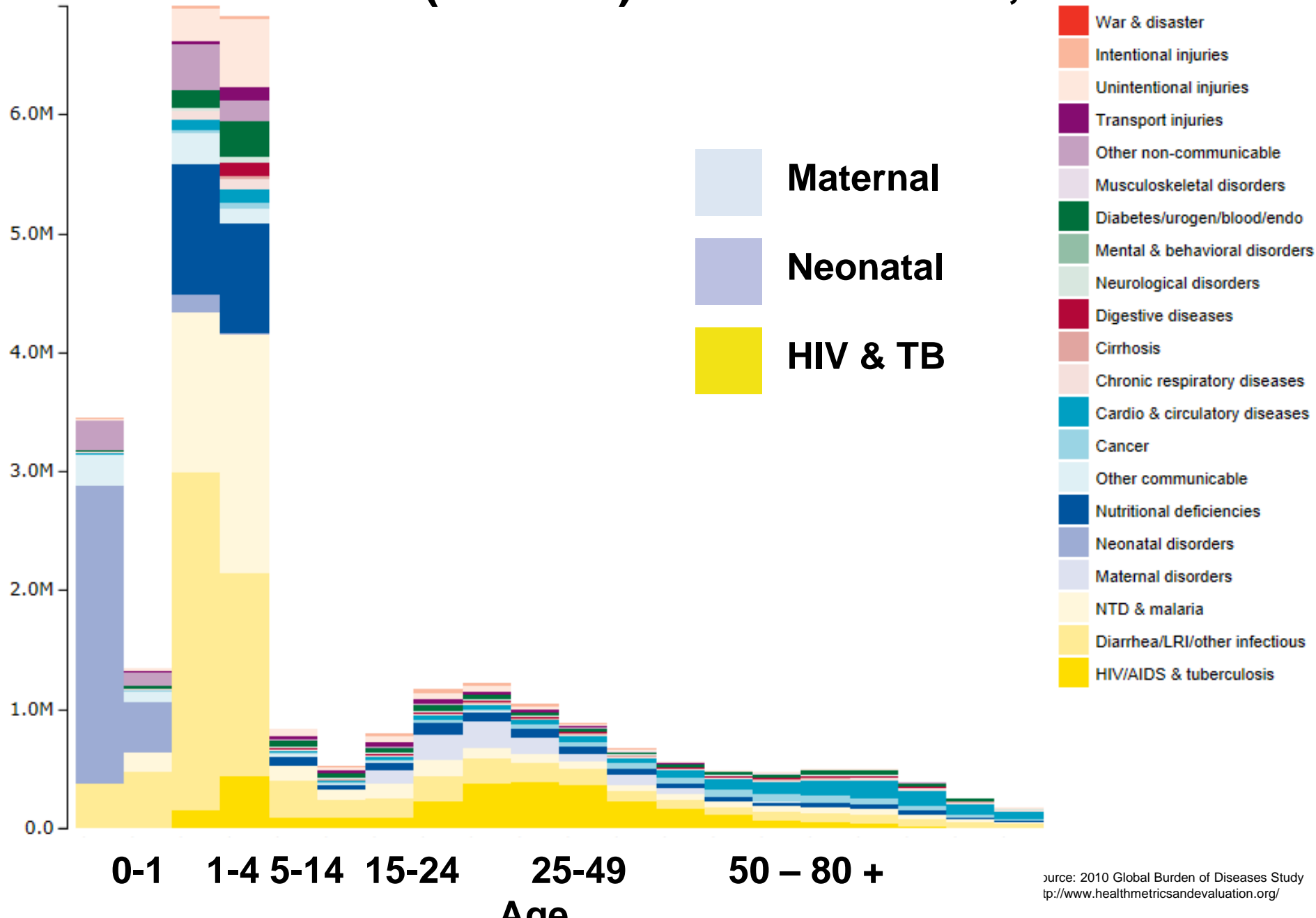
# Years of life lost (women): Western Europe 2010



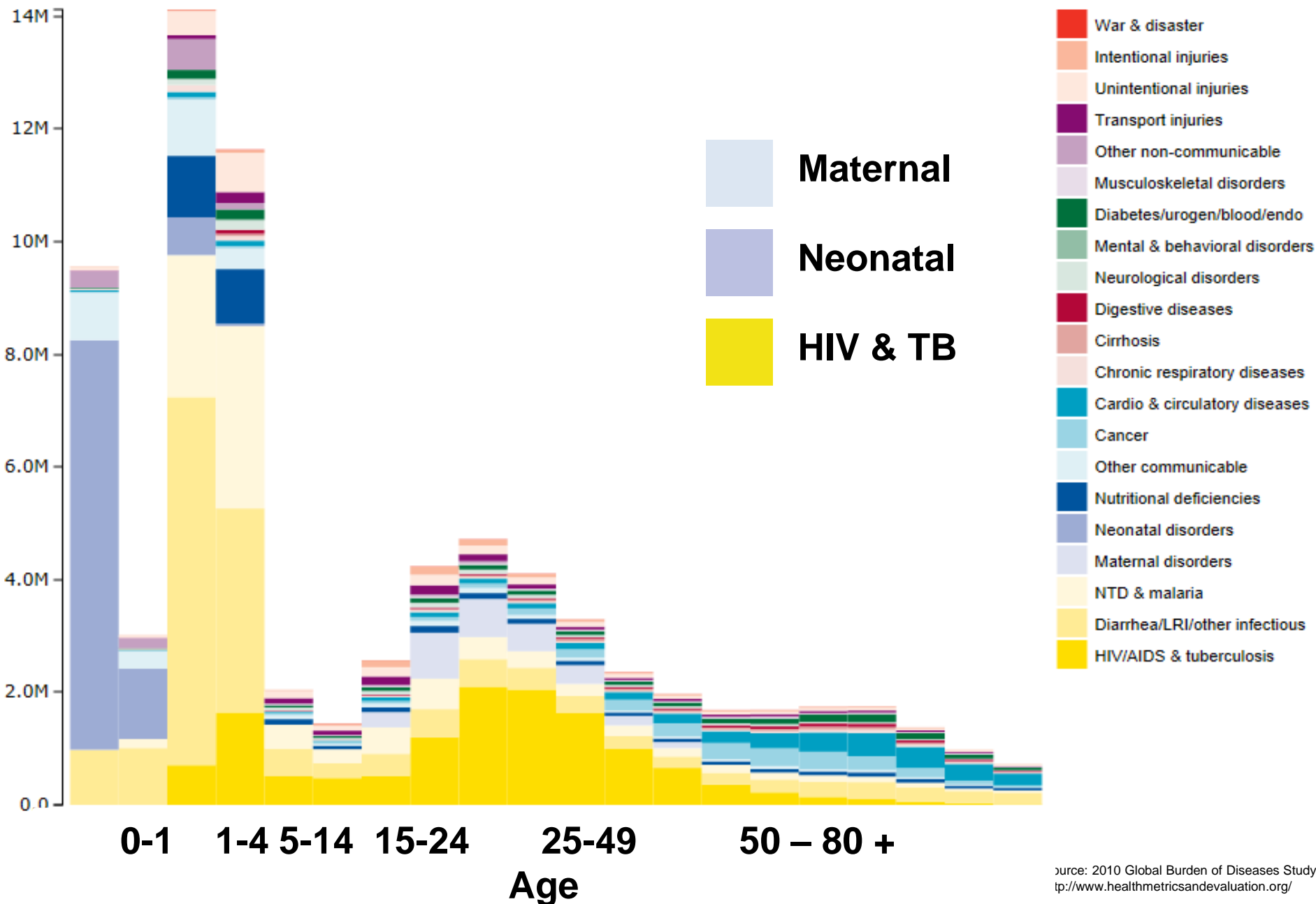
# Years of life lost (women): Western Africa, 2010



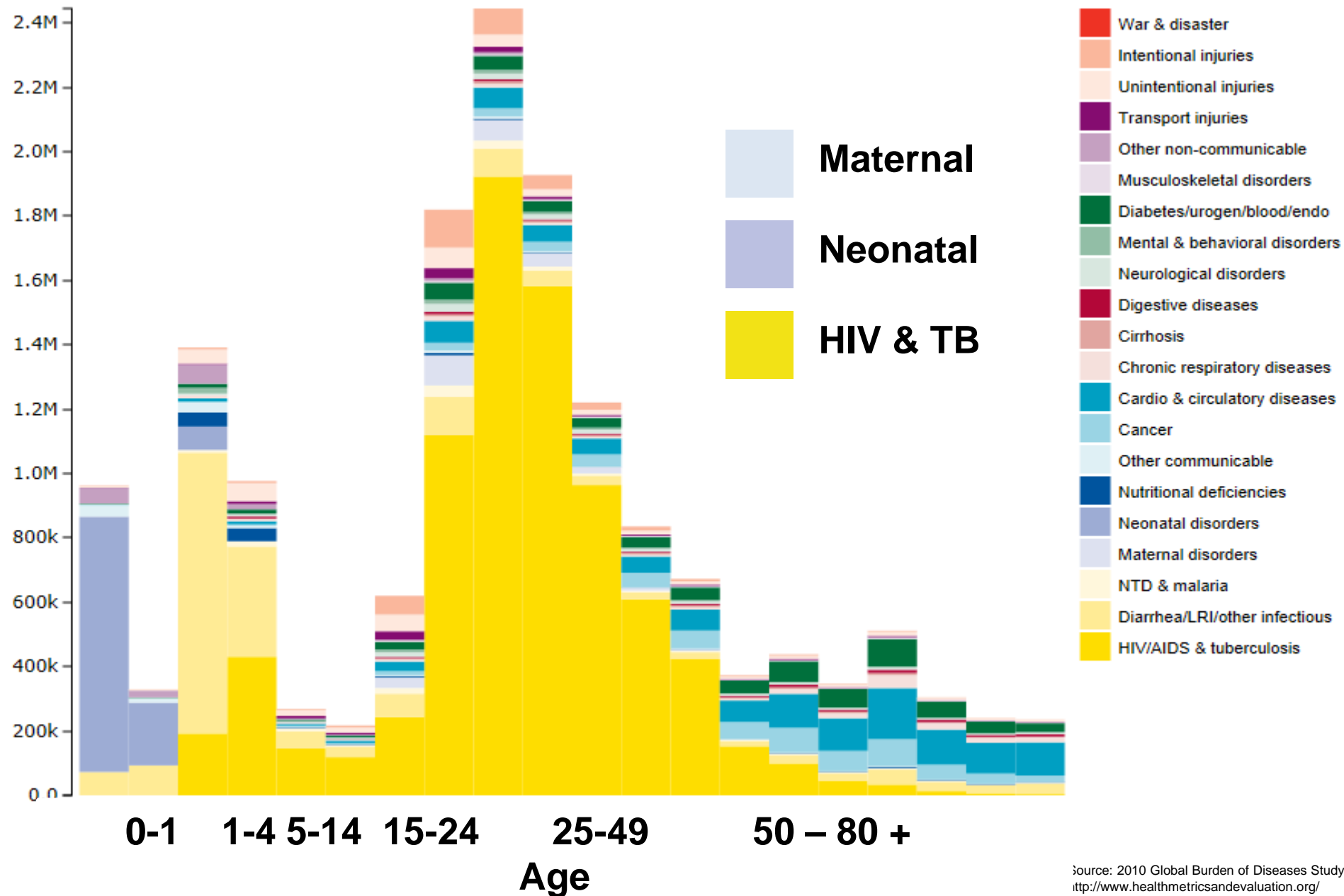
# Years of life lost (women): Central Africa, 2010



# Years of life lost (women): Eastern Africa, 2010

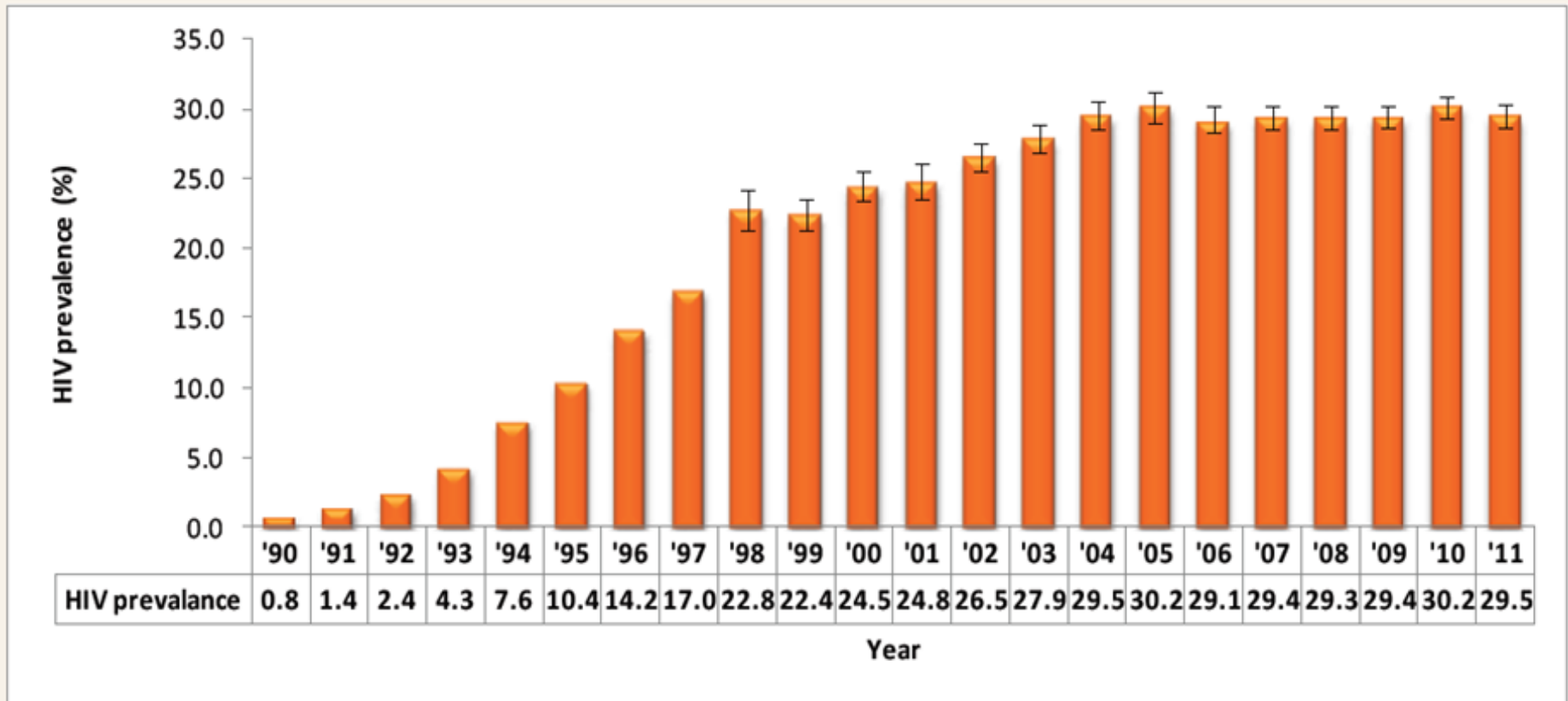


# Years of life lost (women): Southern Africa, 2010





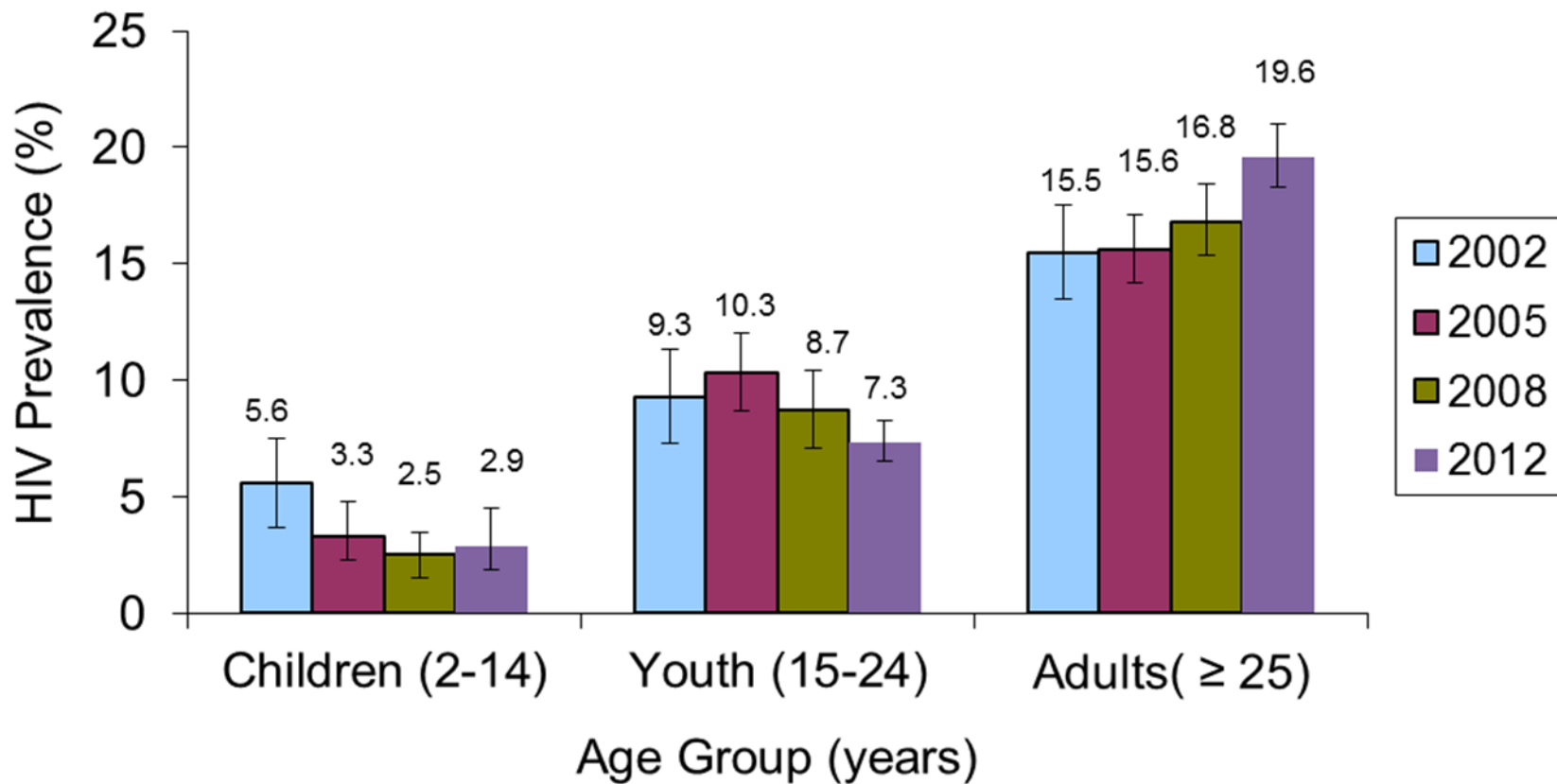
# Ante-natal prevalence in South Africa 1990-2011



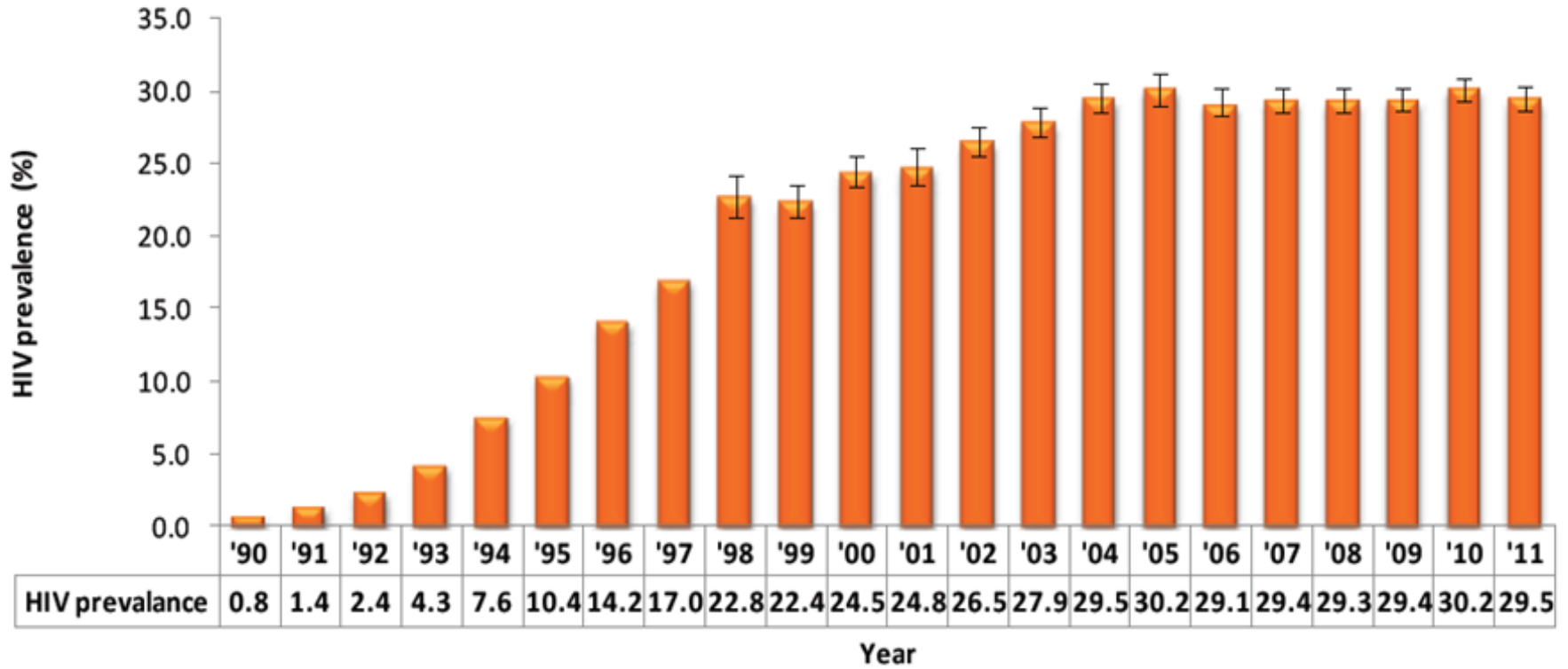
# National HIV Household Survey South Africa 2012

- HIV prevalence, total population: **12.3%** (2008: 10.6%)
  - **6.4 million living with HIV/AIDS**
  - **2.06 million on treatment (and rising)**

# Trends in HIV prevalence by age, South Africa 2002, 2005, 2008 and 2012



# Ante-natal prevalence in South Africa 1990-2011

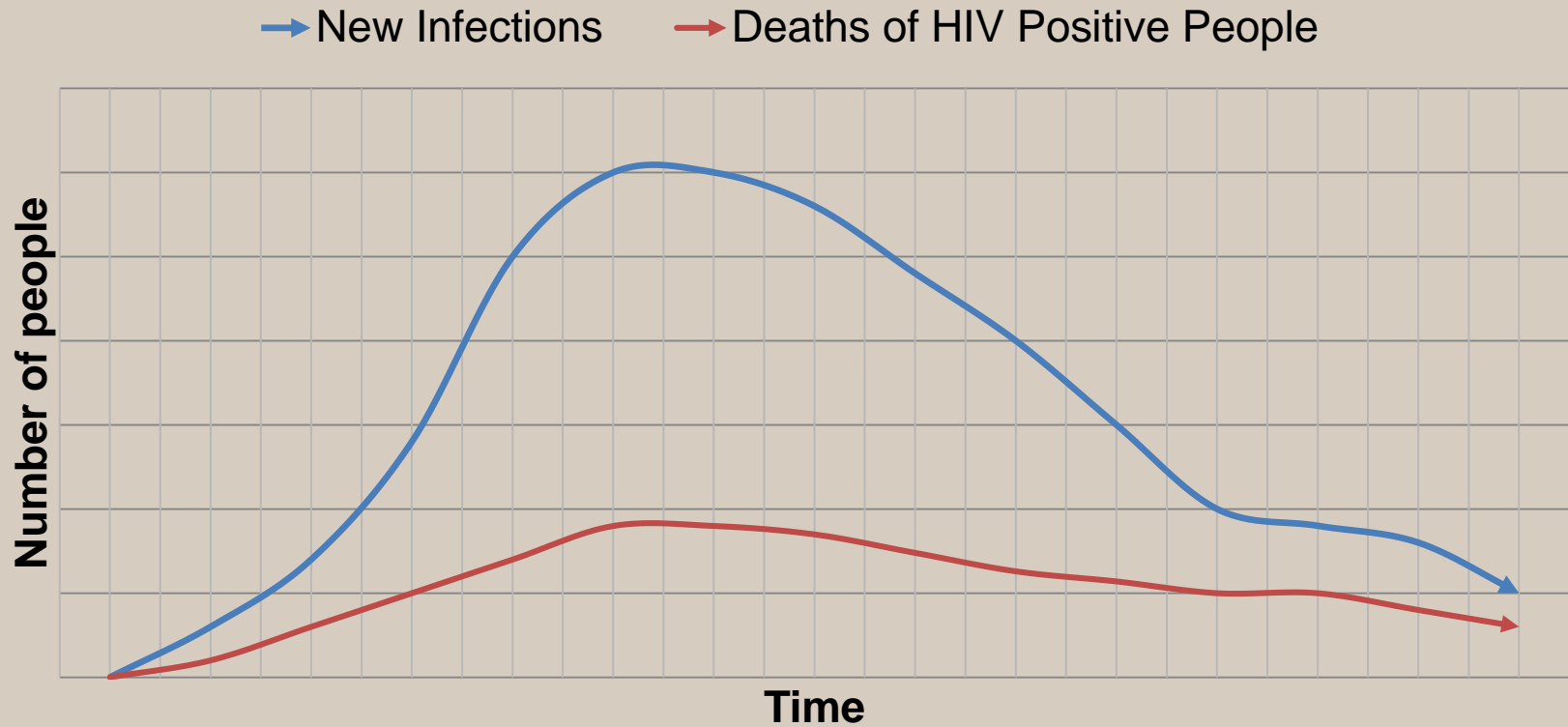


# Costs and Context

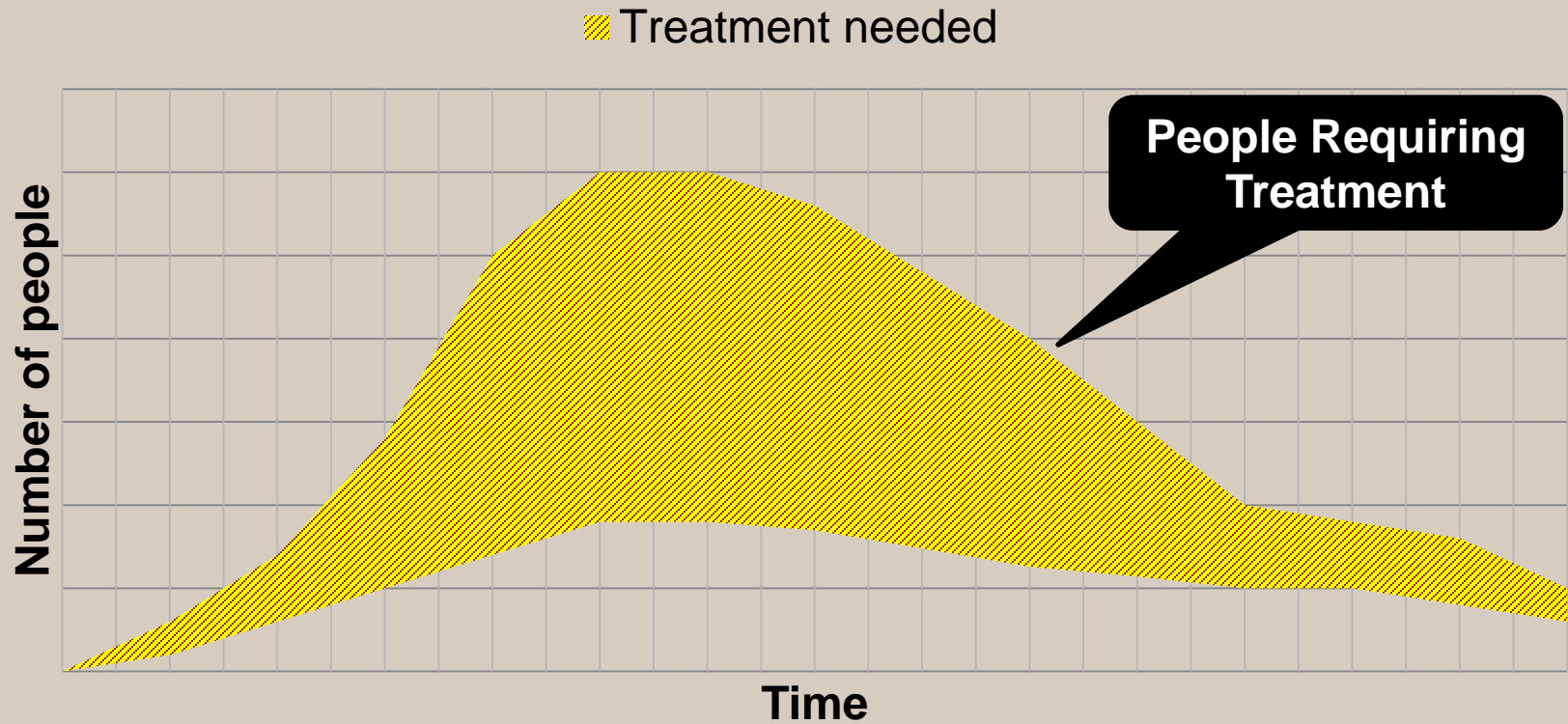
- **PEPFAR** “ 12 Transitions countries” report
- **Chatham House** “Shared responsibilities for Health A Coherent Global Framework for Health Financing
- **IHME** “Financing Global Health 2013 Transition in an age of Austerity”
- **CDG** “Health Financing Transitions: A Conceptual framework and Empirical Evidence”
- **Lancet Commissions**

**The bottom line is there is a gap**

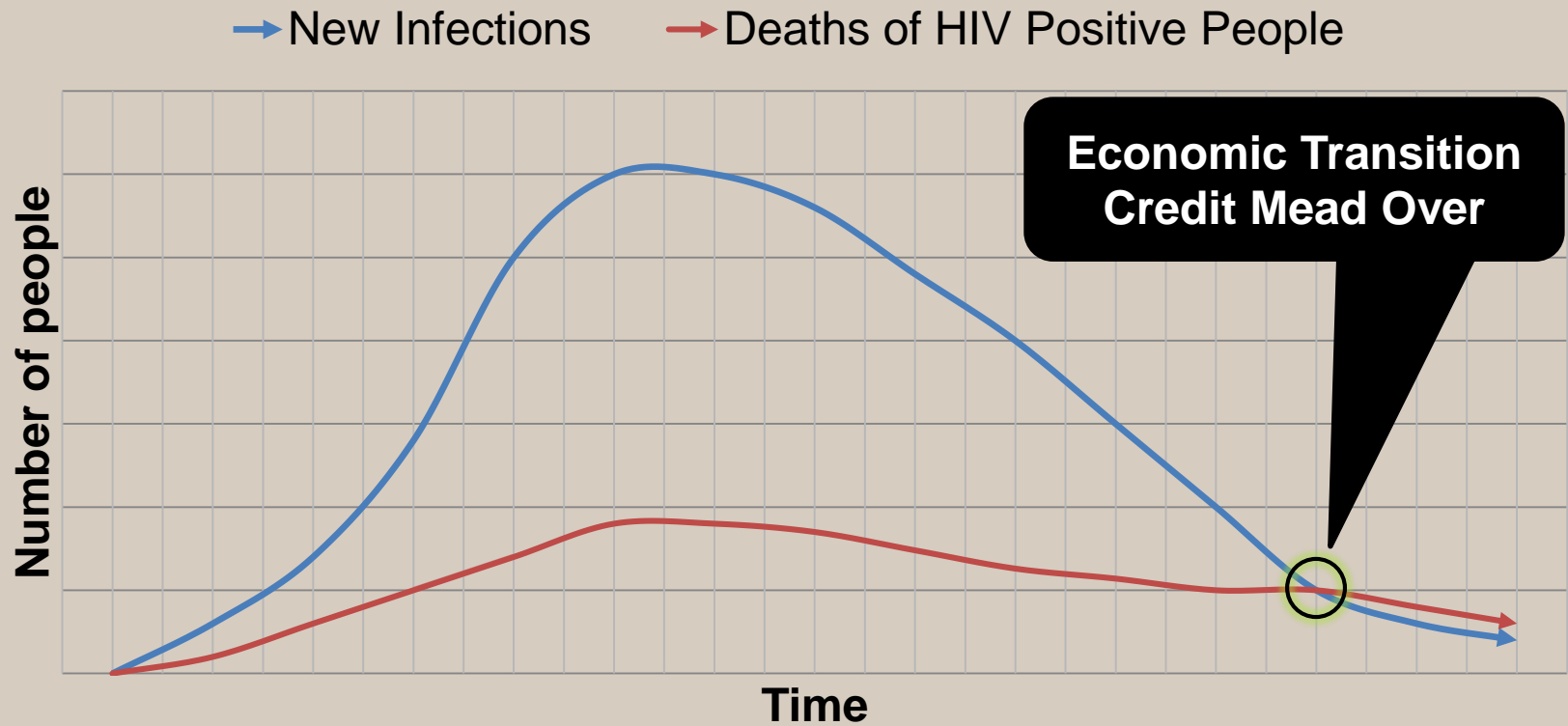
# Understanding Curves: New Infections and Deaths



# Treatment Requirements

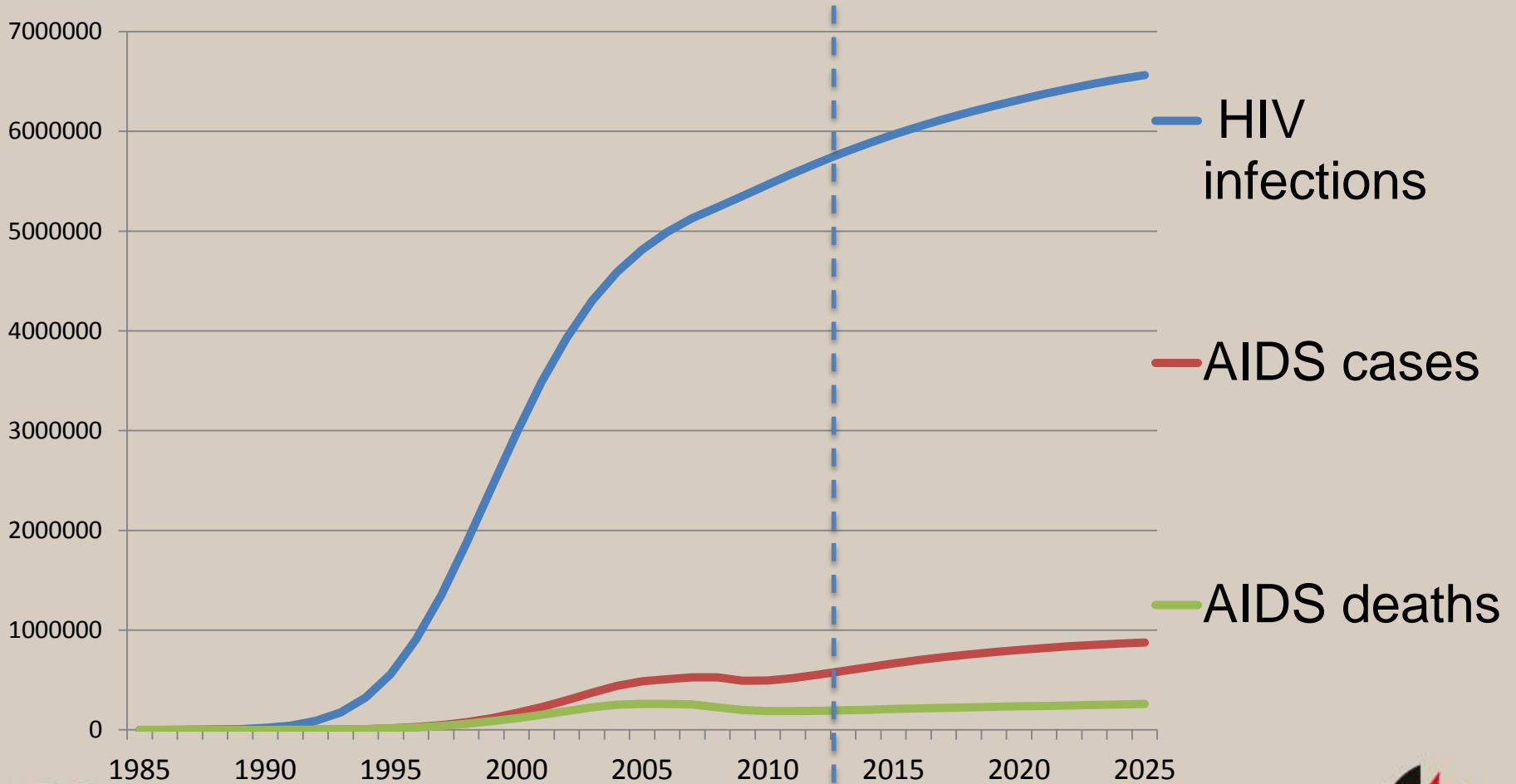


# Economic Transition

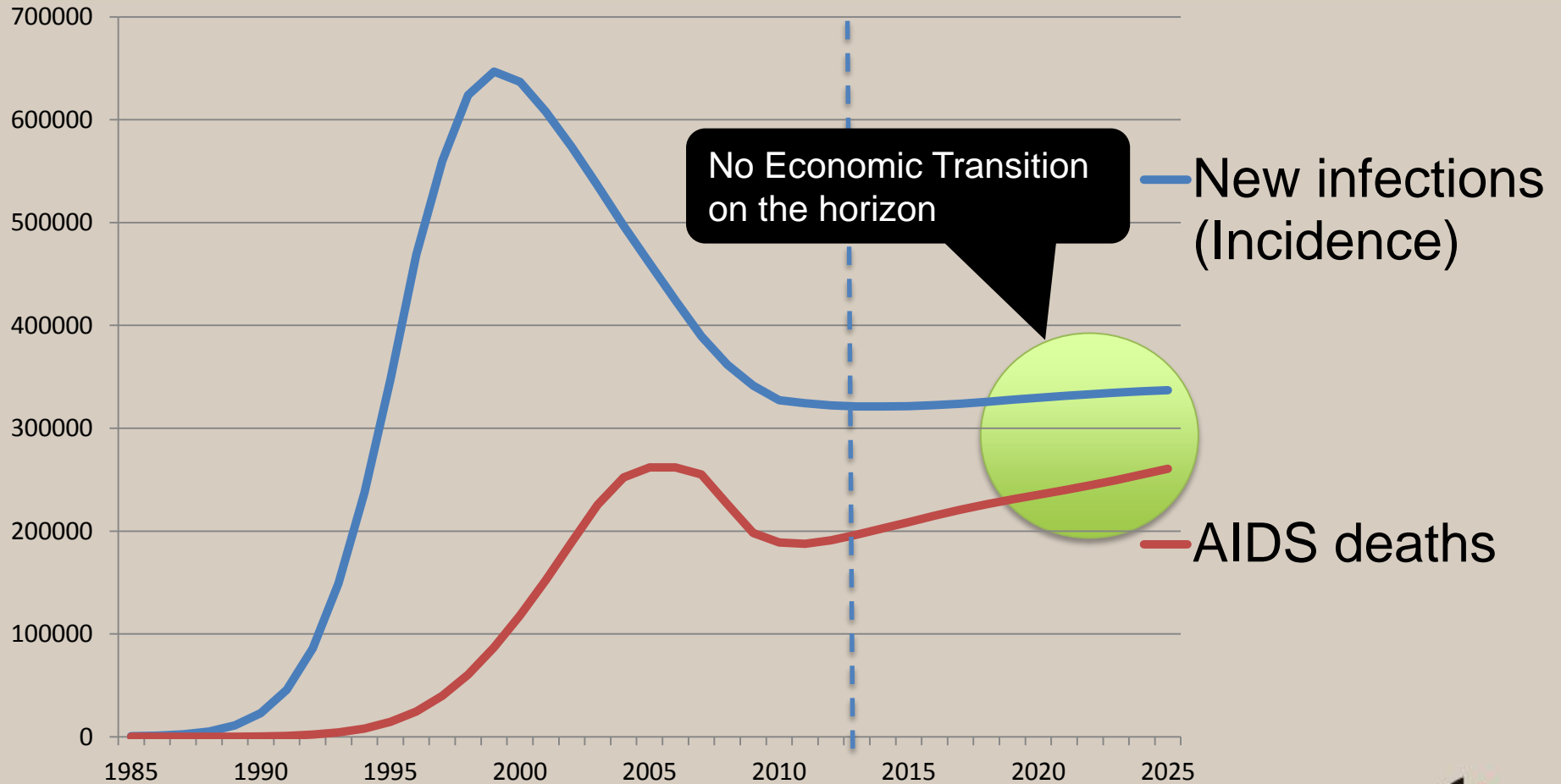




# Data from South Africa



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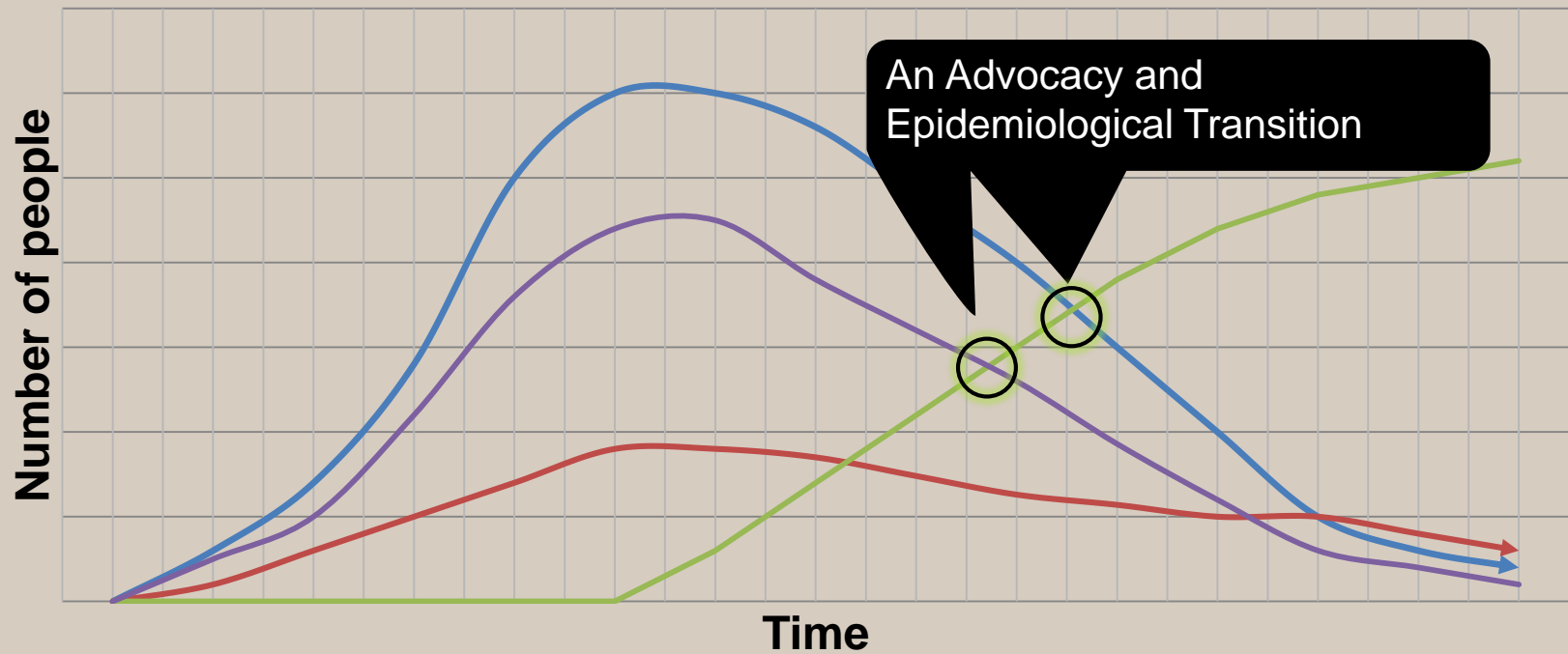
# Epidemiologic Transition

→ New Infections

— Treatment

→ Deaths of HIV Positive People

— New people needing treatment



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→ New Infections

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