

# UNAIDS Reference Group on Estimates, Modelling, and Projections

Technical Updates meeting: 16-17 October 2024

Day 1: Wednesday, 16 October

South African time (GMT+2)

Time	Duration (mins)	Topic	Presenter(s)/ Lead Discussant
14.00	20	Welcome and introductions; 2024/25 estimates workshops and timelines	Mary Mahy
14.20	5	Meeting objectives	Cari van Schalkwyk
<b>Session 1: Advanced HIV Disease (chair: Leigh Johnson)</b> <b>Objective:</b> <ul style="list-style-type: none"> <li>Review proposed updates to methods to estimate AHD in Spectrum</li> </ul>			
14.25	20	<ul style="list-style-type: none"> <li>Proportion with CD4 &lt;200 among those on ART with unsuppressed VL and suppressed VL, by duration on ART</li> <li>Comparison of Spectrum CD4 &lt; 100 prevalence among diagnosed but untreated PLHIV with PHIA data</li> <li>Comparison of Spectrum AHD prevalence among diagnosed but untreated PLHIV with PHIA data</li> <li>Comparison of Spectrum AHD prevalence when including untreated PLHIV with CD4 counts 200-249 as having AHD with PHIA data</li> </ul>	Oli Stevens
14.45	10	<ul style="list-style-type: none"> <li>Compare CSAVR's CD4 at diagnosis and Spectrum's CD4 at ART initiation</li> </ul>	Guy Mahiane
14.55	10	New Spectrum AHD input editors and outputs	John Stover
15.05	45	Discussion	
15.50	10	BREAK	
<b>Session 2: Cryptococcal meningitis (chair: Cari van Schalkwyk)</b> <b>Objective:</b> <ul style="list-style-type: none"> <li>Review implementation of CM cases and deaths calculation in Spectrum</li> </ul>			
16.00	20	Review implementation of Minnesota model in Spectrum, informed by AHD cascade data through new editor	John Stover
16.20	30	Discussion	
<b>Session 3: Key population estimates in sub-Saharan Africa (chair: Sharmistha Mishra)</b> <b>Objectives:</b> <ul style="list-style-type: none"> <li>Review key population workbook timeline and process</li> <li>Review proposed use of Triangulator tool for PSE data synthesis in 2025 key population workbooks</li> </ul>			
16.50	10	Proposal for key population workbook process timeline, including review and UNAIDS validation	Keith Sabin
17.00	20	Triangulator: implementation in key population workbook	Oli Stevens/ Carl Corcoran
17.20	40	Discussion	
18.00		CLOSE	

**Day 2: Thursday, 17 October**

Time	Duration (mins)	Topic	Presenter(s)/ Lead Discussant
<b>Session 4: Excess mortality among PLHIV (chair: Eline Korenromp)</b> <b>Objective:</b> <ul style="list-style-type: none"><li>Review revision of method to address unexpected pattern that more excess deaths are due to non-AIDS causes at lower CD4 categories</li></ul>			
14.00	15	Non-AIDS excess deaths in high income countries: Revision of method	Rob Glaubius
14.15	20	Discussion	
<b>Session 5: Sub-national estimates (chair: Tim Brown)</b> <b>Objectives:</b> <ul style="list-style-type: none"><li>Review proposed updates to sub-national demographics</li></ul>			
14.35	20	Demographic inputs: subnational PJNZ files and subnational EPP stratifications	Rob Glaubius
15.05	20	Discussion	
15.35	15	BREAK	
<b>Session 6: ART coverage data discrepancies (chair: Jeff Eaton)</b> <b>Objective:</b> <ul style="list-style-type: none"><li>Review Spectrum validation and input updates to support review and triangulation of ART coverage data discrepancies</li></ul>			
15.50	10	Spectrum Program Statistics inputs editor, default ART numbers adjustment specification, and validation visualisations	John Stover
16.00	60	Discussion <ul style="list-style-type: none"><li>Guidance on steps for ART data review and adjustments</li></ul>	
<b>Session 7: Incidence rate ratio fitting tool (chair: Leigh Johnson)</b> <b>Objective:</b> <ul style="list-style-type: none"><li>Review validation plots in the incidence rate ratio fitting tool</li></ul>			
17.00	10	Consolidate validation plots for multiple data sources about prevalence and PLHIV by age, in the IRR fitting tool	John Stover
17.10	20	Discussion	
17.30		CLOSE	