

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
Session 1: Advanced HIV Disease (chair: Leigh Johnson)			
Objective:			
<ul style="list-style-type: none"> Review proposed updates to methods to estimate AHD in Spectrum 			
14.25	20	<ul style="list-style-type: none"> Proportion with CD4 <200 among those on ART with unsuppressed VL and suppressed VL, by duration on ART Comparison of Spectrum CD4 < 100 prevalence among diagnosed but untreated PLHIV with PHIA data Comparison of Spectrum AHD prevalence among diagnosed but untreated PLHIV with PHIA data Comparison of Spectrum AHD prevalence when including untreated PLHIV with CD4 counts 200-249 as having AHD with PHIA data 	Oli Stevens
14.45	10	<ul style="list-style-type: none"> Compare CSAVR's CD4 at diagnosis and Spectrum's CD4 at ART initiation 	Guy Mahiane
14.55	10	New Spectrum AHD input editors and outputs	John Stover
15.05	45	Discussion	
15.50	10	BREAK	
Session 2: Cryptococcal meningitis (chair: Cari van Schalkwyk)			
Objective:			
<ul style="list-style-type: none"> Review implementation of CM cases and deaths calculation in Spectrum 			
16.00	20	Review implementation of Minnesota model in Spectrum, informed by AHD cascade data through new editor	John Stover
16.20	30	Discussion	
Session 3: Key population estimates in sub-Saharan Africa (chair: Sharmistha Mishra)			
Objectives:			
<ul style="list-style-type: none"> Review key population workbook timeline and process Review proposed use of Triangulator tool for PSE data synthesis in 2025 key population workbooks 			
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
Session 4: Excess mortality among PLHIV (chair: Eline Korenromp)			
Objective:			
		<ul style="list-style-type: none"> Review revision of method to address unexpected pattern that more excess deaths are due to non-AIDS causes at lower CD4 categories 	
14.00	15	Non-AIDS excess deaths in high income countries: Revision of method	Rob Glaubius
14.15	20	Discussion	
Session 5: Sub-national estimates (chair: Tim Brown)			
Objectives:			
		<ul style="list-style-type: none"> Review proposed updates to sub-national demographics 	
14.35	20	Demographic inputs: subnational PJNZ files and subnational EPP stratifications	Rob Glaubius
15.05	20	Discussion	
15.35	15	BREAK	
Session 6: ART coverage data discrepancies (chair: Jeff Eaton)			
Objective:			
		<ul style="list-style-type: none"> Review Spectrum validation and input updates to support review and triangulation of ART coverage data discrepancies 	
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"> Guidance on steps for ART data review and adjustments 	
Session 7: Incidence rate ratio fitting tool (chair: Leigh Johnson)			
Objective:			
		<ul style="list-style-type: none"> Review validation plots in the incidence rate ratio fitting tool 	
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	