

## Training Course Programme

### Population Size Estimation and Enhanced Use of Surveys and Programme Data for HIV Surveillance in Key Populations

4-8 March 2019, Zagreb, Croatia

<b>4 March 2019</b>	<b>POPULATION SIZE ESTIMATION</b>
9.00-9.30	Welcome
9.30-10.10	<b>Introduction to population size estimation: Overview of who, why and how</b>
10.10-10.30	<i>Break</i>
10.30-11.20	<b>Enumeration and mapping</b>
11.20-12.00	<i>Country presentations by participants</i>
12.00-12.50	<b>Capture-recapture</b>
12.50-13.50	<i>Lunch</i>
13.50-14.50	<i>Exercise 1: Programmatic mapping to improve service delivery</i>
14.50-15.20	<i>Country presentations by participants</i>
15.20-15.40	<i>Break</i>
15.40-16.30	<b>Multiplier method</b>
<b>5 March 2019</b>	<b>POPULATION SIZE ESTIMATION</b>
9.00-10.00	<b>Methods based on data collected from the general population:</b> Adding direct questions to population-based surveys Network scale-up
10.00-10.40	<b>Successive sampling method based on RDS data</b>
10.40-11.00	<i>Break</i>
11.00-11.45	<b>Comparing diverging size estimates results obtained from the same population</b>
11.45-12.45	<i>Exercise 2: Comparing diverging size estimates</i>
12.45-13.45	<i>Lunch</i>
13.45-14.45	<b>Obtaining national-level size estimates by extrapolation from areas with local population size estimation data</b>
14.45-15.30	<b>Developing final ranges for size estimate agreed upon by national stakeholders, technical experts and key population groups</b>
15.30 –15.50	<i>Break</i>
15.50- 16.30	<i>Exercise 3: Developing national-level population size estimates using a data extrapolation procedure</i>

<b>6 March 2019</b>	<b>HIV SURVEILLANCE SURVEYS IN KPS</b>
9.00-9.00	<b>Sampling key populations for HIV surveillance surveys: a respondent-driven sampling</b>
10.00-10.50	<b>Sampling key populations for HIV surveillance surveys: time-location sampling</b>
10.50-11.10	<i>Break</i>
11.10-12.00	<b>Using population size estimation and survey methods to assess HIV service coverage</b>
12.00-13.00	<i>Exercise 4: Using multiple data sources to estimate the service coverage</i>
13.00-14.00	<i>Lunch</i>
14.00-15.00	<b>Introduction to group/individual work</b> Option 1: Development of a protocol for a KP population size estimation study Option 2: Analysis of size estimation data that participant will bring from their countries Option 3: Development of a protocol for an HIV surveillance survey in KPs Option 4: Constructing an HIV care cascade in KPs using data that participants will bring from their countries
15.00-15.20	<i>Break</i>
15.15-16.30	Group or individual work supported by facilitators
<b>7 March 2019</b>	<b>HIV SURVEILLANCE IN KPS</b>
9.00-9.40	<b>Enhancing the value of IBBS for programme improvement (measuring HIV incidence, gaps in service delivery and stigma)</b>
9.40-10.30	<b>Data quality challenges in HIV surveillance in KPs</b>
10.30-10.40	<i>Break</i>
10.40-11.40	<b>Using IBBS and other data sources to construct HIV care cascades in KPs</b>
11.40-13.00	Group or individual work supported by facilitators
13.00-14.00	<i>Lunch</i>
14.00-15.20	Group or individual work supported by facilitators
15.20-15.40	<i>Break</i>
15.40-16.30	Group or individual work supported by facilitators
<b>8 March 2019</b>	
9.00-10.00	Presentations of group work
10.00-10.15	<i>Break</i>
10.15-12.30	Presentations of group work
12.30-13.00	Evaluations and closure
13.00-14.00	<i>Lunch</i>