Expert Group Meeting

Population Data for the 21st century:
Advances in data collection methodologies

UNFPA Headquarters, New York City

4-6 December 2019

Venue: 5th Floor (Orange Café), UNFPA Headquarters, 605 Third Ave, New York City.

<u>Programme</u>

Day 1 – Wednesday: Data & methods needs; New census, survey and sampling approaches

8:30-9:00	**Introduction** ● Rachel Snow, Chief, Population and Development Branch, UNFPA ● Tom LeGrand, President, IUSSP ● Irina Dincu, International Development Research Centre (IDRC), Canada
9:00-10:50	**1. Panel discussion on data and methods needs: Regional perspectives** *Moderator:* Alex Ezeh (Drexel University; former Director of APHRC) ● **Africa (South Africa)** *Pali Lehohla (22 ON SLOANE, former Statistician General of South Africa: 2000-2017)* ● **Latin America (Mexico)** *Victor Garcia-Guerrero (CEDUA, El Colegio de México)* ● **Asia (Philippines)** *Lisa Bersales (University of the Philippines; former National Statistician of the Philippines: 2014-2019)* ● **Europe (Norway)** *Helge Brunborg (Statistics Norway)*
10:50-11:20	Coffee break

11:20-1:00	**2. 2020 census round: New technologies and methodologies** *Moderator:* Sabrina Juran (United Nations Population Fund) *Discussant:* Srdjan Mrkic (United Nations Statistics Division) • **Overview of Innovations in the 2020 Census Round. Use of handheld technologies, geospatial referencing of households and digital census data collection** *Tapiwa Jhamba (Population and Housing Census, UNFPA)* • **Improving Cartographic Mapping and Household-level geo-referencing in the Egyptian Census: Perspectives from the Field and Implications for Census Enumeration and Census Data Usage** *Hussein Sayed (CAPMAS, Egypt)* • **Qualitative Contributions of the Electronic Devices in Various Stages of the 2013 Census** *Papa Ibrahima Sylmang Sene (National Statistics Office, Senegal)* • **Cartographic assessment and quality assurance for the 2019 population and housing census in Haiti** *Daniel Milbin (National Statistics Office, Haiti)* *& Mohamed Laghdaf Cheikh Malainine (United Nations Population Fund)*
1:00-2:00	Lunch at UNFPA – Orange Café **Poster Session 1:** • **Quantifying cities for sustainable development; developing a new approach to generating representative population data in rapidly growing cities.** *Felix S. K. Agyemang (University of Bristol)* • **Spatial approach to probability sampling: Lessons from PMA Kaduna State GPS mapping exercise.** *Temitope Erinfolami (Obafemi Awolowo University-Ile-Ife)*
2:00-3:45	**3. Hybrid census innovations in insecure settings and fragile contexts** *Moderator:* Sabrina Juran (United Nations Population Fund) *Discussant:* Robert Chen (CIESIN, Columbia University) • **Lessons learned from Afghanistan and other settings: Potential for hybrid censuses** *Andy Tatem (University of Southampton; WorldPop/Flowminder)* • **Opportunities and Challenges for Adapting Hybrid Census Approaches in the Democratic Republic of Congo: An Examination of Preliminary Results** *Homere Ngoma Ngoma (National Statistics Office, DRC)* • **Combining Census and Satellite Data: The High-Resolution Settlement Layer** *Gregory Yetman (CIESIN, Columbia University)*
3:45-4:15	Coffee break

4:15-5:30	**4. Advances in mobile technologies for data collection**
	Moderator: Dennis Feehan (University of California, Berkeley)
	Discussant: Emmanuel Letouzé (Data-Pop Alliance)
	• **Using Internet and mobile data sources to complement public health surveillance efforts** *Rumi Chunara (New York University)*
	• **Innovations in Population and Individual Data Collection Using Mobile Technology** *Madhuram Nagarajan (Johns Hopkins University)*
	• **Computer vision methods to improve population data** *Stephane Helleringer (Johns Hopkins University)*

Day 2 - Thursday: CRVS; responsive, adaptive and indirect approaches to collecting data

9:00-10:30	**5. Advances in the collection of validation data to measure the completeness and quality of civil registration data**
	Moderator: Romesh Silva (United Nations Population Fund)
	Discussant: Patrick Gerland (United Nations Population Division)
	• **An Overview of Current Approaches in validating the completeness of civil registration data using population censuses and household surveys** *Chalapati Rao (Australian National University)*
	• **Integrating disparate mortality systems with official death registration systems: Insights from Peru and Ghana** *Daniel Cobos (Swiss Tropical Health Institute)*
	• **Current Approaches and Future Directions in assessing the completeness and quality of marriage registration data using the decennial census round** *Sandile Simelane and Mengjia Liang (United Nations Population Fund)*
10:30-11:00	Coffee break
11:00-12:15	**6. Innovative approaches to assess the quality and completeness of civil registration data**
	Moderator: Patrick Gerland (United Nations Population Division)
	Discussant: Romesh Silva (United Nations Population Fund)
	• **Estimation of Fertility in Colombia through an adjustment for coverage of births with immunization records**. *Carlos Ramirez (UNFPA Colombia)* & *Mariana Francisca Ospina Bohorquez (DANE, Colombia)*
	• **Recent Advances, Challenges, and Lessons Learned from CRVS Scale-Up Initiatives in 19 countries** *Philip Setel (Vital Strategies, New York)*

12:15-1:20	Lunch at UNFPA – Orange Café **Poster Session 2:** **Mortality estimates from sample registration and household surveys: Evidence from India** *Aashish Gupta (University of Pennsylvania & IUSSP CRVS Fellow)* **The Household Document Inventory Method: A Qualitative Approach to Assessing Registration Status Among Vulnerable Populations** *Amanda R Cheong (University of British Columbia & IUSSP CRVS Fellow)* **Improving birth, marriage and death registration in Burkina Faso: The case of Nouna Health and Demographic Surveillance System (NHDSS)** *Louis Niamba (Centre of Excellence for CRVS Systems, IDRC, Canada)*
1:20-3:00	**7. Responsive & adaptive survey designs, and data quality** *Moderator:* Dennis Feehan (University of California, Berkeley) *Discussant:* Pedro do Nascimento Silva (ENCE, Brazil) **Dynamic survey designs for measuring wealth and poverty** *Olivier Dupriez &* Aivin Solatorio *(World Bank)* **Using responsive and adaptive survey design to control data quality and costs** *James Wagner (University of Michigan)* **CAPI, Web-based Survey Management, and Interviewing Quality Control: Illustrations from Nepal** *Bill Axinn & Stephanie Chardoul (University of Michigan)*
3:00-3:30	Coffee break
3:30-5:15	**8. Hard to reach populations: Indirect techniques and using networks to assess hidden populations** *Moderator:* Tom LeGrand (International Union of the Scientific Study of Population) *Discussant:* Ayaga Bawah (RIPS, University of Ghana) **Innovations in collecting siblings' survival histories** *Stephane Helleringer (Johns Hopkins University)* **Using social networks to estimate adult mortality** *Dennis Feehan (University of California, Berkeley)*

Day 3 - Friday: Measuring sensitive topics, attitudes and ideals

8:30-10:20	**9. Measuring sensitive topics, ideals and attitudes** *Moderator:* Dennis Feehan (University of California, Berkeley) *Discussant:* Barbara Mensch (Population Council USA) ● **Challenges in measuring Individual and social norms changes around harmful practices: the case of female genital mutilation** *Nafissatou Diop (UNFPA-UNICEF joint programme on Female genital mutilation) & Kathrin Weny (United Nations Population Fund)* ● **Social desirability bias by mode** *Frauke Kreuter (University of Maryland)* ● **Using card sorts to measure relationship scripts** *Maggie Frye (University of Michigan)* ● **Studying sensitive issues with surveys: Addressing incentives to conceal** *Yang-Yang Zhou (University of British Columbia)*
10:20-10:50	Coffee break
10:50-12:40	**10. Indirectly measuring sensitive topics** *Moderator:* Tom LeGrand (International Union of the Scientific Study of Population) *Discussant:* Gabriel Borges (IBGE, Brazil) ● **Using the network scale-up method to estimate the prevalence of hidden populations in 27 Brazilian cities** *Francisco I. Bastos (FIOCRUZ, Brazil)* ● **Using confidants to learn about abortion** *Clementine Rossier (University of Geneva)* ● **Innovations in direct and indirect estimation of abortion incidence** *Beth Sully (Guttmacher Institute)* ● **Youth respondent-driven sampling to uncover hidden contraceptive behavior** *Michele Decker (Johns Hopkins University)*
12:40	*End of meeting.*
12:40-1:40	Lunch at UNFPA – Orange Café