

## IUSSP Panel on Innovations in Strengthening CRVS Systems

### **Expert Group Meeting on CRVS and Record Linkage Methods**

Co-sponsored by the IUSSP, World Bank, and PAA

April 4-5, 2016, World Bank Headquarters

Washington D.C., USA

### Meeting Agenda

<b>Day 1: Monday, April 4, 2016</b>		
<b>Time Slot</b>	<b>Description / Presenter</b>	<b>Background Document</b>
8-8.30	Registration	
<b>Session 1: Introduction</b>		
	<i>Chair: Sam Mills, World Bank</i>	
8.30-8.40	Welcome, Opening of meeting, & Introductions <i>Sam Mills, World Bank, Carla AbouZahr, Independent Consultant, Romesh Silva, UN-ESCWA,</i>	Meeting Information Note
8.40-8.50	<i>The UN Principles &amp; Recommendations on Vital Statistics: the role of record linkage</i>  <i>Maria-Isabel Cobos, UN Statistics Division</i>	United Nations (2014) Principles and Recommendations on Vital Statistics, Rev. 3.
8.50-9.05	Evaluation of Death Registration Completeness and Quality: towards a customized and contextualized approach <i>Romesh Silva, UN-ESCWA</i>	Working Paper
9.05-9.20	Completeness and Quality Assessment through the Vital Statistics Performance Index  <i>Carla AbouZahr, Independent Consultant</i>	Lene Mikkelsen, et al., A global assessment of civil registration and vital statistics systems: monitoring data quality and progress, <i>The Lancet</i> , Volume 386, Issue 10001, 3–9 October 2015, Pages 1395-1406, ISSN 0140-6736(15)60171-4.
9.20 - 9.35	Vital Registration Completeness and quality evaluation in the context of Global CRVS Scale-up & The Data for Health Initiative  <i>Tim Adair, Data for Health</i>	<a href="http://www.bloomberg.org/program/public-health/data-health/">http://www.bloomberg.org/program/public-health/data-health/</a>
9.30 - 9.40	<i>Discussant Comments: Sam Notzon, NCHS</i>	
9.40-10	Q+A, Discussion	
10-10.30	Coffee Break	

Session 2: <u>Death Record Linkage Studies in LMICs - Current Approaches, Recent Experiences, &amp; Lessons Learned</u>	
<i>Chair: Haishan Fu, World Bank</i>	
10.30 - 10.45	<p>Evaluating data quality and completeness of death registration in Vietnam using Record Linkage</p> <p><i>Chalapati Rao, Australian National University</i></p>
10.45-11.00	<p>South Africa - record linkage between HDSS Data and Vital Registration Data</p> <p><i>Jané Joubert South African Medical Research Council</i></p>
11.00 - 11.15	<p>Real-time record linkage between demographic surveillance and health facility data for monitoring access and utilization of services in rural Tanzania</p> <p><i>Chris Rentsch, London School of Hygiene and Tropical Medicine</i></p>
11.15 - 11.30	<p>Record Linkage Experiences from Small-area sites in Malawi and Senegal</p> <p><i>Stéphane HELLERINGER, Bloomberg School of Public Health, Johns Hopkins University; Gilles Pison, INED</i></p>
11.30 - 11.55	<p>Discussant Comments: <i>Pam Groenewald, South African Medical Research Council</i></p>
11.55 - 12.30	Q+A, Discussion
12.30 - 1.30	Lunch Break

Nguyen Phuong Hoa, Chalapati Rao, Damian G Hoy, Nguyen Duc Hinh, Nguyen Thi Kim Chuca & Duc Anh Ngoc "Mortality measures from sample-based surveillance: evidence of the epidemiological transition in Viet Nam" *Bulletin of the World Health Organization* 2012;90:764–772 | doi:10.2471/BLT.11.100750

Kabudula CW, Joubert JD, Tuoane-Nkhasi M, et al. Evaluation of record linkage of mortality data between a health and demographic surveillance system and national civil registration system in South Africa. *Popul Health Metr* <http://www.pophealthmetrics.com/content/12/1/23>

Christopher Rentsch, Georges Reniers, Richard Machelamba, Baltazar Mtenga, Chodziwadziwa Kabudula, Denna Michael, Mark Urassa, Jim Todd, Basia Zaba *Real-time record linkage between demographic surveillance and health facility data in rural Tanzania*, Unpublished Working Paper.

Stéphane HELLERINGER, Gilles Pison, Almamy M. Kanté, Géraldine Duthé, Armelle Andro. Reporting Errors in Siblings' Survival Histories and Their Impact on Adult Mortality Estimates: Results From a Record Linkage Study in Senegal *Demography* (2014) 51:387–411

<u>Session 3: Evolving Methods and New Approaches in High-Income Countries</u>		
<i>Chair: Gilles Pison, INED</i>		
1.30 - 1.50	Evolution of Record Linkage at Statistics Canada: History, Evolving Challenges, and Innovative Solutions <i>Abel Dasylva, Statistics Canada</i>	Working Paper - in preparation
1.50 - 2.10	Record Linkage and the US Decennial Census: Differential coverage of subnational populations <i>William P. O'Hare, Annie E. Casey Foundation</i>	The Undercount of Young Children in the U.S. Decennial Census <a href="http://link.springer.com/book/10.1007/978-3-319-18917-8">http://link.springer.com/book/10.1007/978-3-319-18917-8</a>
2.10 - 2.35	USA: Identifying and systematically addressing under-enumeration of vulnerable populations in the decennial census <i>Michael Cohen, US National Academies of Sciences</i>	National Research Council (2009). Coverage Measurement in the 2010 Census. Panel on Correlation Bias and Coverage Measurement in the 2010 Decennial Census, Robert M. Bell and Michael L. Cohen (Eds.). Committee on National Statistics, Division of Behavioral and Social Sciences and Education. Washington, DC: The National Academies Press.
2.35 - 3.00	Discussant Comments <i>Fritz Scheuren, NORC - University of Chicago</i>	Herzog TN, Scheuren F, Winkler WE. Data Quality and Record Linkage. New York: Springer; 2007. <a href="https://jira.talendforge.org/secure/attachment/55662/herzog2007data_quality_record_linkage_techniques.pdf">https://jira.talendforge.org/secure/attachment/55662/herzog2007data_quality_record_linkage_techniques.pdf</a>
3.00 - 3.30	Q+A, Discussion	
3.30 - 4.00	Coffee Break	

<u>Session 4: Available Tools, Documenting Lessons Learned &amp; Implications for Future CRVS Scale-Up Work</u>		
<i>Chair: Romesh Silva, UN-ESCWA</i>		
4 - 4.20pm	An Overview of Infrastructure, Tools, and Methodology developed by the Administrative Records Research Department, US Census Bureau <i>Sonya Rastogi, U.S. Census Bureau</i>	Background Paper - in preparation
4.20-4.35	Lessons learned from recent field practice in the Pacific Islands <i>Karen Carter, Secretariat of the Pacific</i>	Carter et al. Mortality and life expectancy in Kiribati based on analysis of reported deaths <i>Population Health Metrics</i> (2016) 14:3
4.35 - 5.15	Moderated Discussion on emerging challenges and opportunities for new empirical/methodological research <i>Tom Herzog, Independent Consultant &amp; Carla AbouZahr, Independent Consultant</i>	

Day 2: Tuesday, April 5, 2016		
Time Slot	Description / Presenter	Background Document
<b>Session 5:</b> <u>Documenting Lessons Learned &amp; Implications for Future CRVS Scale-Up Work</u> <i>Chair: France Meslé, INED</i>		
8.30-9.00	Developing a Journal Supplement or Collection of Papers on Record Linkage & CRVS  <i>Romesh Silva, UN-ESCWA, Carla AbouZahr, Fritz Scheuren, NORC - University of Chicago</i>	
<b>Session 6:</b> <u>Current Status of Birth and Death Registration Completeness and Potential Opportunities + Available Data Sources for Future Record Linkage Studies</u> <i>Chair: Chalapati Rao, ANU</i>		
9.00 - 9.20	Philippines <i>Aurora Reolalas &amp; Estela de Guzman, Philippines Statistical Authority</i>	Background Paper on the Civil Registration and Vital Statistics System in the Philippines
9.20 - 9.40	Palestine <i>Mohammed Draidí, Palestinian Central Bureau of Statistics</i>	Background Paper on the Civil Registration and Vital Statistics System in Palestine
9.40 - 10.00	Egypt <i>Abdel Shakour Farghaly, Ministry of Health, Egypt &amp; Gamal Mostafa, CAPMAS</i>	Background Paper on the Civil Registration and Vital Statistics System in Egypt
10.00 - 10.15	Discussant Comments (1) <i>Karen Carter, Secretariat of the Pacific Community</i>	
10.15 - 10.30	Discussant Comments (2) <i>Carla AbouZahr, Independent Consultant; Romesh Silva, UN-ESCWA</i>	
10.30 - 11.00	Q+A	
11 - 11.30	Coffee Break	
<b>Session 7:</b> <u>Break-out working group sessions exploring design and implementation issues in potential new record linkage studies</u> <i>Chair: Romesh Silva, UN-ESCWA</i>		
11.30 - 1.00	Group 1: Philippines Group 2: Palestine Group 3: Egypt	Facilitator: Karen Carter, Secretariat of the Pacific Community Facilitator: Fritz Scheuren, NORC, University of Chicago Facilitator: Carla AbouZahr, Independent Consultant
1.00 - 2.00	Lunch	
2.00 - 2.10	Report back from Group 1 (Philippines)	Rapporteurs: Estela de Guzman, PSA & Tim Adair, Data4Health
2.10 - 2.20	Q & A for Group 1 (Philippines)	
2.20 - 2.30	Report back from Group 2 (Palestine)	Rapporteurs: Mohammed Draidí, PCBS & Sonya Rastogi, U.S. Census Bureau
2.30 - 2.40	Q & A for Group 2 (Palestine)	
2.40 - 2.50	Report back from Group 3 (Egypt)	Rapporteurs: Jané Joubert, South African MRC & Abdel Shakour Farghaly, Ministry of Health, Egypt
2.50 - 3.00	Q & A for Group 2 (Egypt)	

<u>Session 8:</u>		<u>Record-Linkage: Completeness Estimation in Unsettled Environments &amp; for Vulnerable Subpopulations</u>
<i>Chair: Sam Notzon, National Center for Health Statistics, United States</i>		
3.00 - 3.15	Advancing health monitoring and evaluation of indigenous populations in the United States <i>Elizabeth Arias, National Center for Health Statistics, United States</i>	Background Paper
3.15 - 3.35	Completeness of death reporting in armed conflict situations  <i>Daniel Manrique-Vallier, Indiana University</i>	Manrique-Vallier, D., Price, M., and Gohdes, A. (2013), "Multiple-Recapture Techniques for the Estimation of Fatal Victims in Armed Conflicts," in <i>Counting Civilian Casualties: An Introduction to Recording and Estimating Nonmilitary Deaths in Conflict</i> , eds. Seybolt, T. B., Aronson, J. D., and Fischhof, B., US: Oxford University Press, Studies in Strategic Peacebuilding, chap. 9, pp. 165-182.
3.35 - 3.50	Discussant Comments <i>Fritz Scheuren, NORC - University of Chicago</i>	
3.50 - 4.10	Q+A	
4.10 - 4.40	Coffee Break	
<u>Session 9:</u>		<u>Closing Session: Reflections on Workshop, Next Steps, &amp; Thank you</u>
<i>Chair: France Meslé, INED</i>		
4.40 - 5.15	Moderated Discussions on Draft Project Concept Notes for Egypt, Palestine & Philippines <i>Romesh Silva, UN-ESCWA</i>	
5.15 - 5.30	Thank you & Closing Remarks <i>Carla AbouZahr, Independent Consultant</i>	