9. Conclusion and recommendations

This document demonstrated how CDR data can be useful for producing statistical information to supplement traditional survey data in disaster contexts. It summarized key steps taken for statistical data production based on use cases across countries. The steps include not only methodological approaches for computing statistics, but also the procedure of data quality assurance and filtering to be performed. It also highlighted the significance of data privacy and introduced possible protection measures. Given quickly evolving and overwhelming situations at disasters, institutional and infrastructural environments to access CDR data are critical for assisting data needs. Several use cases highlighted the significance of pre-existing partnership and data pipelines which can strengthen preparedness and reduce response burden at the time of the disaster. Detailed information of each use case is provided in the Appendix at the end of this document.

Given the varying cases demonstrated in this guide, CDR data can be used in a lot of promising areas to narrow the gaps in displacement and disaster statistics. While data access is still a challenge, CDR data is one of useful data sources that can supplement traditional data with its frequency and geographical granularity. This places further importance on traditional survey data in providing useful insights when combined with CDR aggregates; it is because the survey data is a primary data source to provide socio-economic characteristics and situations of people that are essential for formulating, implementing, and monitoring policies.