

## Leaving no one and nowhere behind

To respond to the increasing demand for more disaggregated and timely data in the face of limited resources and declining cooperation from respondents, statistical systems need to seek an efficient way of production without compromising on quality. Integration can help by minimizing duplication, reducing respondent burden and increasing cost-efficiency. Integration can also contribute to improving various quality dimensions of official statistics.

This is the first of two sessions during the Statistics Week that will look at how statisticians are producing new forms of analysis to inform the way forward for NSSs in producing high quality integrated statistics.

There are so many ways to integrate statistics for integrated analysis. Where does one start? In this session, six different approaches are discussed. Indonesia will share information on a pilot integrating some business surveys into a single survey, about how to integrate non-sampled area random effects in small area estimation (SAE) techniques, and also present findings about how to use mobile positioning data into commuting statistics to delineate metropolitan areas. The FAO will discuss the value of an integrated multiyear programme of statistical operations to minimize use of non-structural questions in Agricultural statistics. The WHO and UNESCAP will look at case studies in Pakistan, one on a cross sectional study to integrate hospital-based death statistics and cause of death statistics and the other on the use of classification tree analysis to assess inequalities in access to opportunities for birth registrations.

The session will include 2 blocks of 3 short punchy presentations in the increasingly popular Petcha kucha format, interspersed with discussion among the presenters, and interaction with the online audience. The discussions will draw out the key lessons for other countries in the region, and how the analyses are responding to user needs, particularly on the SDGs, and how they can help improve the quality of statistics and support the development of integrated statistics.

## **Session SC2**

Which way now on the journey towards integrated statistics?
Learning from analyses in Pakistan, Indonesia, and perspectives from International Organisations

**Tuesday 16 June 2020** 

13.00 - 14.30 PM (Bangkok time)

**Organizer**: Matthew Shearing Statistics Consultant (matthew.shearing@outlook.com)

## **Download the Session Papers**





