

Regional Training Course on Communication and Advocacy for Agriculture and Rural Statistics

27 June – 1 July 2016
Daejeon, Republic of Korea

Module 2 Building Statistical Literacy in Agriculture and Rural Statistics



Session objectives

1. You will know **what statistical literacy is**
2. You can suggest **methods** for developing statistical literacy
3. You can discuss the **roles** of key stakeholders in building statistical literacy

Agenda for today

9:30 – 10:15	Session 2.1 – Introduction to statistical literacy What is statistical literacy? Skills needed to be statistically literate: Generic Statistical Capability Framework
10:30 – 12:30	Session 2.2 – World Café <ol style="list-style-type: none">1. Costs of being statistically illiterate2. Methods for developing statistical skills3. Role of the National Statistical Office vs. the Ministry of Agriculture in enabling data use
13:30 – 15:00	Session 2.3 – Pros and cons of using traditional and social media for communication and advocacy
15:15 – 16:45	Session 2.4 – Country presentations

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Statistical Literacy

Statistics alone do not form evidence, they are just numbers – they need to be analysed and interpreted effectively and accurately to ensure that they form actual “evidence”

Making Data Meaningful
Part 4:
A guide to improving statistical literacy



Statistical Literacy

“...the ability to understand, interpret and evaluate statistical information...”

- Trewin (2005)

Source: Australian Bureau of Statistics, Statistical Literacy Background Paper
(<http://www.abs.gov.au/websitedbs/CaSHome.nsf/Home/Statistical+Literacy+Competencies.es>)



Statistical Literacy

“Statistical literacy is the ability to understand and critically evaluate statistical results that permeate our daily lives – coupled with the ability to appreciate the contribution that statistical thinking can make in public and private, professional and personal decisions.”

- Katherine K. Wallman (1993)

Source: Australian Bureau of Statistics, Statistical Literacy Background Paper
(<http://www.abs.gov.au/websitedbs/CaSHome.nsf/Home/Statistical+Literacy+Competencies.es>)



What are the costs of being statistically illiterate?

How can we develop statistical skills of our users?

What role should the National Statistical Office and the Ministry of Agriculture play in enabling data use?





World Café topics

Costs of being statistically illiterate

(Lecture Room 3)

Role of the National Statistical Office vs. the Ministry of Agriculture in enabling data use

(Lecture Room 3)

Methods for developing statistical skills

(Computer Lab 1)