

# MODULE 2

## GENDER DATA LITERACY AND AVOIDING COMMON MISTAKES

### EXERCISES

#### Curriculum on Gender Statistics Training

This product was developed under the guidance of the Subgroup on Gender Statistics Training, within the Asia-Pacific Network of Statistical Training Institutes.

## Exercise 1

According to the way the following indicators are often produced, would you say the following are official statistics? Please indicate yes/no and why.

1. Unemployment rate for January 2019, by sex
2. Birth rate for 2019, by sex
3. Proportion of patients whose symptoms improved faster than the placebo group in a clinical trial

## Exercise 2

Choose all options that apply

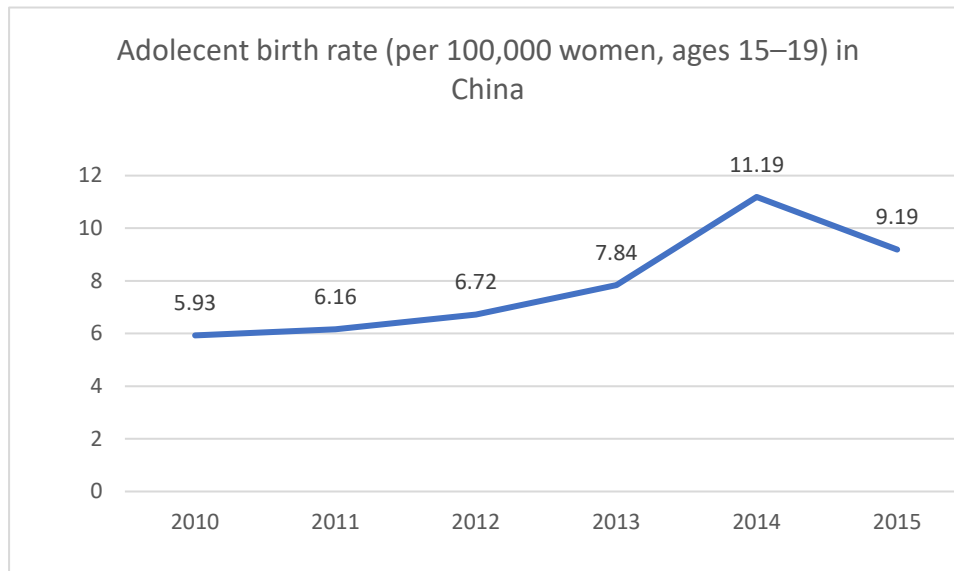
1. Metadata includes:
  - a) Information about data
  - b) Methods of computation
  - c) Information about exceptions
  - d) Information about coverage

Which of the following is true?

- a) Ratio is a comparison of: Frequency of one value for a variable with another value for the same variable
- b) Frequency of one value for a variable with another value for different variable
- c) Frequency of multiple values for a variable with another value for the same variable
- d) None of the above

### Exercise 3

In the graph below, how large is the increase in the adolescent birth rate between 2013 and 2014?



- a) 3.35 percentage points
- b) 3.35 %
- c) 42.7%
- d) None of the above

## Solutions to Exercise 1

1. Yes, this estimate is often produced by national statistics offices (NSOs), ministries of labour or other official data producers
2. Yes, this estimate can be calculated using administrative records such as civil registries, often managed by government institutions. Alternatively, this estimate can also be calculated utilizing censuses and surveys, but all of them are often managed by NSOs, the Ministry of Health, or other official producers.
3. No, results obtained by individual experiments are unofficial statistics as they are not produced by the government and often have very small sample sizes (not representative of the country's population). In this case, clinical trials are often conducted by drug companies or other private sector entities without involvement of the government.

## Solutions to Exercise 2

1. a,b,c,d all apply.
2. a is true.

## Solutions to Exercise 3

a and c