



**Australian Government**

# **Assessment Requirements for FSKNUM027**

## **Collect, organise and interpret statistical data for work**

**Release: 1**

## Assessment Requirements for FSKNUM027 Collect, organise and interpret statistical data for work

### Modification History

Release	Comments
Release 1	This version first released with FSK Foundation Skills Training Package Version 2.0.

### Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including evidence of the ability to:

- extract and interpret statistical information from a complex table and spreadsheet and routine graph and chart embedded in workplace texts and tasks
- perform a multi-step mathematical problem solving process with statistical data, including:
  - collecting, representing, summarising and interpreting statistical data to meet a workplace purpose
  - illustrating data using workplace appropriate methods
  - calculating summary statistics and interpreting results, including:
    - measures of central tendency (mean, median and mode)
    - simple measures of spread (range).

### Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including knowledge of:

- types of statistical information
- common workplace issues that can be investigated through data collection
- purpose and application of data analysis to workplace tasks
- range of data collection methods
- difference between discrete and continuous data
- types, features and uses of different graphs
- strategies to effectively illustrate data
- measures of central tendency (mean, median and mode)
- simple measures of spread (e.g., range)

- purpose and use of relevant technology such as scientific or CAS calculator, spreadsheets or graphing software
- estimation and assessment processes
- implications of calculations and results for workplace tasks.
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## Assessment Conditions

Competency is to be assessed in the workplace, a workplace simulated environment or a vocational training context.

Assistive technologies can be utilised to assist with oral and written communication.

Skills must be demonstrated independently using complex texts and tasks that reflect those typically found in a workplace.

The following resources are to be made available:

- a scientific calculator
- data utilised in the performance evidence
- own familiar support resources.

Assessors must:

- satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards, and
- have sound knowledge of the ACSF and performance features of the ACSF level being assessed, and
- have demonstrable expertise, knowledge and skills in the vocational contextualisation and assessment of the core skill, numeracy, and
- have completed the following or equivalent:
  - TAESS00009 Address Foundation Skills in Vocational Practice Skill Set; or
  - a higher level education qualification, such as:
    - TAE80113 Graduate Diploma of Adult Language, Literacy and Numeracy Practice (and its equivalent TAE70111); or
    - Bachelor of Education, Graduate Certificate or Graduate Diploma of Education, or higher. This may include qualifications relating to TESOL, adult education or vocational education.
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## Links

Companion Volume Implementation Guide is found on VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=f572fe10-a855-4986-9295-3852c771f178>