Australian Government

FSKNUM027 Collect, organise and interpret statistical data for work

Release: 1

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Modification History

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

Application

This unit describes the skills and knowledge required to collect and organise data, present the data graphically, summarise the data, and interpret a range of statistical data for work. It includes extracting and interpreting statistical information, undertaking statistical investigations, and communicating results.

An individual performing these tasks works independently and uses support from a range of established resources.

This unit applies to individuals who use, or are preparing to use, numeracy skills to complete workplace activities. This includes existing workers and individuals preparing for employment through vocational education and training. This unit should be integrated and contextualised with vocational training to support achievement of vocational competency.

This unit is aligned to, but does not fully address, the Australian Core Skills Framework (ACSF) numeracy core skill indicators .09, .10 and .11 at level 4 in the workplace and employment domain of communication.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Unit Sector

Numeracy

Elements and Performance Criteria

Element	Performance Criteria
Elements describe the essential outcomes.	*Performance criteria describe the performance needed to demonstrate achievement of the element.*
1. Extract and interpret statistical data	1.1 Identify workplace issue requiring investigation and describe specifications and sources of data collection, including being aware

Element	Performance Criteria
	of audience of data and purpose of collection
	1.2 Extract relevant statistical data from spreadsheets or other sources of raw workplace data required to support analysis
	1.3 Identify and interpret key features of complex graphs and charts
2. Undertake statistical investigation using discrete data	2.1 Select mathematical and problem solving strategies to undertake workplace task
	2.2 Describe an expected result of data collection, analysis and results
	2.3 Select method to collect workplace data, and collect relevant data sample
	2.4 Collect, order and collate data into a table or spreadsheet
	2.5 Represent statistical data in appropriate graphical formats for analysis
	2.6 Calculate simple summary statistics for collected data and interpret data and summaries, and finalise results
	2.7 Check and reflect on data interpretation and outcomes and appropriateness of outcome to workplace task
3. Communicate information from statistical investigation	3.1 Use formal, informal and some specialised written mathematical representation to document, interpret and communicate statistical processes, results and implications
	3.2 Use formal, informal and some specialised mathematical language to discuss and explain statistical processes, results and implications

Foundation Skills

This section describes language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

Skill	Description
Technology	• Uses a scientific calculator to calculate summary statistics and a spreadsheet to display data

Mapping Information

Supersedes and is equivalent to FSKNUM27 Collect, organise and interpret statistical data for work.

Links

Companion Volume Implementation Guide is found on VETNet - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=f572fe10-a855-4986-9295-3852c771f178

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