



Australian Government

FSKNUM33 Collect, organise and analyse statistical data for work

Release: 1

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Modification History

Release	Comments
Release 1	This streamlined version first released with <i>FSK Foundation Skills Training Package version 1.0</i> .

Application

This unit describes the skills and knowledge to collect and organise data, present the data graphically (including grouped data), calculate measures of central tendency and spread, and analyse the results.

This unit applies to individuals who need numeracy skills at Australian Core Skills Framework (ACSF) level 5 to undertake a vocational training pathway or workplace tasks.

This unit is designed for integration and contextualisation with vocational units to support achievement of vocational competency.

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
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Prepare to undertake a work related statistical investigation	1.1 Identify the use of statistics in the workplace 1.2 Identify statistical information in work related documents 1.3 Identify workplace issue requiring investigation 1.4 Identify data to be collected and process for collection
2. Undertake statistical investigation	2.1 Collect and organise appropriate statistical data 2.2 Display statistical data in appropriate formats for analysis 2.3 Calculate measures of central tendency and measures of spread
3. Analyse and evaluate statistical investigation	3.1 Analyse the results of statistical investigation 3.2 Use specialised statistical language and symbols to discuss, explain and report results of investigation 3.3 Extract, comprehend and analyse the statistical information 3.4 Evaluate and reflect on statistical investigation and results

Foundation Skills

This section describes language, literacy, numeracy and employment skills incorporated in the performance criteria that are required for competent performance.

Skill	Performance Criteria	Description
Technology		<ul style="list-style-type: none"> Uses scientific calculators and spreadsheets for analysis of data

Mapping Information

Not applicable

Links

Companion volumes from the IBSA website - <http://www.ibsa.org.au>