

US23270 - Assess a sample survey and evaluate inferences in a state sector context

Level 4

Credits 4

Purpose This unit standard is designed for people employed in the State Sector in positions where they are required to interpret statistical data to make and/or report decisions.

People credited with this unit standard are able to assess a sample survey, and evaluate inferences and draw conclusions from sample surveys in a state sector context.

Subfield Public Sector Services

Domain Public Sector Core Skills

Status Registered

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Entry information Open.

Accreditation Evaluation of documentation and visit by NZQA and industry.

Standard setting body (SSB) Public Sector Training Organisation

Accreditation and Moderation Action Plan (AMAP) reference 0121

This AMAP can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Special notes

- 1 Reference
Reference information to assist with providing evidence for this unit standard can be obtained from the Statistics New Zealand website at <http://www.statisphere.govt.nz> or the specific government ministry, department or agency in which the candidate works.

2 Definitions

Organisational requirements refer to instructions to staff on policy and procedures, which are documented in memo or manual format and are available in the workplace. *Assess* refers to the process of judging that the material is fit for purpose including the relevance, quality, origins and currency of the sources of the material.

Elements and performance criteria

Element 1

Assess a sample survey for use in a state sector context.

Performance criteria

- 1.1 Resources are identified in terms of specialist advice on survey structure and analysis.
- 1.2 Features of a survey are assessed in terms of their impacts on the results from the survey.
- Range survey features may include but are not limited to – purpose, population, frame, data collection instrument, sampling plan, data collection method, data recording process, analysis methods, reporting methods, stratification, clustering, weights, longitudinal features, editing and imputation, classification systems, non-response.

Element 2

Evaluate inferences and draw conclusions from sample surveys in a state sector context.

Performance criteria

- 2.1 Inferences are evaluated in terms of confidence intervals for the estimates, and the contexts.
- Range inferences may include but are not limited to – estimates of population mean, population proportion, difference between means of two populations.
- 2.2 Conclusions are recorded in accordance with organisational requirements.

Please note

Providers must be accredited by the Qualifications Authority, or an inter-institutional body with delegated authority for quality assurance, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be accredited by the Qualifications Authority before they can register credits from assessment against unit standards.

Accredited providers and Industry Training Organisations assessing against unit standards must engage with the moderation system that applies to those standards.

Accreditation requirements and an outline of the moderation system that applies to this standard are outlined in the Accreditation and Moderation Action Plan (AMAP). The AMAP also includes useful information about special requirements for organisations wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

Comments on this unit standard

Please contact Learning State at info@learningstate.govt.nz if you wish to suggest changes to the content of this unit standard.