

# Learning Assessment Guide

## Unit Standard 23270 – Version 1

### Assess a sample survey and evaluate inferences in a state sector context

#### Level 4 – 4 Credits

Assessment Summary			
Learner to complete			
Learner's name:			
Employer:			
NSN no. (ROL):		DOB:	
Signed:		Date:	
Assessor to complete			
<input type="checkbox"/> Meets requirements <input type="checkbox"/> More training required <input type="checkbox"/> More evidence required			
Assessor's name:		Assessor's No.	
Signed:		Date:	

## Before you begin...

- As well as this Learning Assessment Guide, you may also want to refer to the unit standard from the NZQA website (<http://www.nzqa.govt.nz>).
- Read the Trainee Information Kit. The kit contains important information and guidelines for Learners and can be found on the Learning State website (<http://www.learningstate.govt.nz>) under Learners, then Learning Assessment Guides.
- Check the learning resources available for this unit standard on the Learning State website (<http://www.learningstate.govt.nz>) under Learners, then Learning Assessment Guides.
- 

This assessment guide is made up of:

- tasks for you to complete
- a verification form for your manager to complete
- assessment results that the assessor will use to assess your competence.

The tasks in this assessment are designed to show your assessor that you can:

- assess a sample survey for use in a state sector context
- evaluate inferences and draw conclusions from sample surveys in a state sector context.

## Assessment Task One – Elements 1 and 2

You will need to provide your assessor with evidence of your ability to assess a sample survey which is to be used in a state sector context. For sufficiency purposes you will need to provide evidence of two different analyses. You may do this by:

- providing a project report which you have written that addresses unit requirements, or
- providing a survey report or survey analysis which you have written that addresses unit requirements, or
- reviewing a sample survey with which you are familiar orally with your assessor. Any oral discussion will need to be recorded.

Your evidence will need to include:

- whether any specialist advice was needed on survey structure and analysis
- how the features of the survey impacted on the results
- how the inferences were evaluated to include confidence intervals for the estimates and contexts. Inferences could include estimates of population mean, population proportion or the difference between means of two populations
- how the conclusions were recorded.

When assessing your survey features you may want to consider the following:

- 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.

Any reports provided will need to be verified by your manager as being your own work.

### Learner verification form – unit standard 23270 V1

<b>Name of learner:</b>	
-------------------------	--

This learner is currently being assessed toward unit standard 23270 – Assess a sample survey and evaluate inferences in a state sector context. Your knowledge of the learner is sought to verify whether or not the learner demonstrates a good understanding and application of assessing a sample survey and making inferences. Evidence needs to be supplied that the learner has provided a report where they have assessed, made inferences and drawn conclusions from a sample survey. For sufficiency purposes the learner needs to provide evidence of **two** different analyses. The evidence needs to be the learner’s own work.

Please complete this form and arrange for it to be passed on to the 23270 assessor.

Did the learner supply evidence showing they have assessed, evaluated inferences and drawn conclusions from a sample survey for areas covered by their work responsibility?	Yes	No
Does the learner regularly perform these skills in the workplace to a standard required by the organisation?	Yes	No

Comments:

Name:		Phone:	
Position:		Date:	
Email:			

## Assessment Results

These are the judgements that your assessor will use to assess you.

Do the learner's answers provide sufficient and appropriate examples?	Yes	No
Do the learner's answers demonstrate an understanding of whether any specialist advice was required and how survey features affect the result from a survey?	Yes	No
Do the responses from the learner's manager endorse the learner's understanding and demonstration of the use of how to assess, evaluate inferences and draw conclusions from sample surveys?	Yes	No
Do the responses from the learner's manager endorse the learner's ability to perform these skills in the workplace to a standard required by the organisation?	Yes	No
Does the learner's evidence draw appropriate conclusions from sample surveys?	Yes	No