

### Vision 3 Outline

- Identify and compare a census and a survey
- Identify and compare qualitative and quantitative (continuous and discrete) variables
- Identify and compare sampling methods (simple random, systematic, cluster and stratified)
- Construct a sample of a population using sampling methods (simple random, systematic, cluster and stratified)
- Read and interpret a table of condensed data (frequency table)
- Read and interpret a table with data grouped into classes
- Build a table of condensed data
- Build a table with data grouped into classes
- Identify and compare bar graphs and histograms
- Interpret bar graphs and histograms
- Calculate measures of central tendency (mean, median and mode) and measures of dispersion (range) from a data set
- Calculate measures of central tendency (mean, median and mode) and measures of dispersion (range) from a table of condensed data
- Calculate measures of central tendency (mean, median and mode) and measures of dispersion (range) from a table with data grouped into classes
- Calculate a weighted mean