

# About the research

## *Weighting the LSAY Programme of International Student Assessment cohorts*

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The 2003 and 2006 cohorts of the Longitudinal Surveys of Australian Youth (LSAY) are derived from the 2003 and 2006 Programme of International Student Assessment (PISA). LSAY continues to survey these individuals for approximately ten years after their participation in PISA.

The Programme of International Student Assessment uses a stratified sample scheme to sample individuals, with sample weights created in PISA to ensure that the resultant sample represents the underlying population of interest. The longitudinal nature of LSAY means that over time individuals drop out of the sample. The original sample weights must therefore be adjusted to account for differential attrition to ensure that the LSAY sample in each wave continues to represent the underlying population.

This technical note outlines the methodology used to adjust the original weights to ensure that this occurs. It also provides guidance to researchers for applying the weights to their analysis of LSAY data.

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