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| **Indicator:** | **Confidence (as measured by self-efficacy)** |

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| **Responsible Statistician:** | Adele McCauley, The Executive Office |
| **Web Link to Statistical Publication:** | https://www.executiveoffice-ni.gov.uk/articles/self-efficacy-locus-control-and-life-satisfaction-northern-ireland |
| **Frequency of update:** | Annual |
| **Time lag:** | 7-8 months |
| **Data Source:** | Continuous Household Survey (CHS) |
| **National Statistics Status:** | Official Statistics |
| **Quality Report:** | Available from:  <https://www.executiveoffice-ni.gov.uk/articles/self-efficacy-locus-control-and-life-satisfaction-northern-ireland> |
| **Historic Data available from:** | 2014/15 |
| **Time-series trend:** | In 2017/18, approximately one-fifth (19.9%) of individuals aged 16 and over in Northern Ireland had low self-efficacy. This represents a significant decrease from the 2014/15 baseline year (24.3%).  **Percentage of the NI population (16+) with low self-efficacy, 2014/15 to 2017/18**   |  |  | | --- | --- | |  | **% with low self-efficacy** | | 2014/15 | 24.3% | | 2015/16 | 22.2% | | 2016/17 | 22.6% | | 2017/18 | 19.9% | |
| **For Survey Data**  **Sample size and confidence interval for the latest available year:** | Sample size: 5,632  Confidence interval (95%): +/- 1.0 percentage points |
| **UK/RoI/International comparisons:** | UK: No  UK Regional: No  RoI: No  International (please specify countries): No |
| **Issues in relation to this data, e.g. data limitations, future data availability, changes to methodology** | Defining low self-efficacy: The tool for measuring self-efficacy takes the form of five simple statements to which the individual indicates to what extent they agree or disagree on a five point Likert Scale. The self-efficacy score is then presented as an overall summed score, with a minimum of 5 and a maximum of 25; a higher score on the scale represents a higher general self-efficacy. Low self-efficacy is defined as a score of less than 70% of the total possible score, i.e. those with a score of 17 or less. For more information on determining high and low scores in Likert-type survey instruments, please see: *Child, D. (1973). The essentials of Factor Analysis. Cited in: Hicks, T. & McFrazier, M. (2014). College Student Self-efficacy Research Studies. Maryland: University Press of America, Inc.*  Rationale behind the use of a 5 item self-efficacy scale:As part of a [report prepared by Queen’s University Belfast](https://gss.civilservice.gov.uk/wp-content/uploads/2013/02/Janis-Scallon-report.pdf), an exploratory factor analysis revealed that on the five item scale all items loaded highly and consistently onto a single underlying latent factor. This provides evidence that the self-efficacy scale functioned as a coherent and strong scale with the five items, which is reflected in a high internal consistency (high Cronbach’s alpha). |
| **Is this measure being used to monitor performance against your current/latest Departmental/ Agency Plan** | N/A |
| **If yes, please specify any particular baseline point/year for the measure which is being for performance monitoring purposes** | N/A |

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| **Available groupings\*** | **Yes/No** | **Notes** |
| **NI Level** | Yes | Self-efficacy has been included within the CHS since 2014/15; currently four years of data are available. |
| **Parliamentary Constituency level** | Yes | May require three years of data rolled together. |
| **Local Government District (2014) level** | Yes |  |
| **Deprivation Quintile** | Yes |  |
| **NISRA Geography Urban/Rural Measure** | Yes |  |
| **Gender** | Yes |  |
| **Age** | Yes |  |
| **Marital Status** | Yes |  |
| **Religion** | Yes | Catholic, Protestant, Other/non-determined. |
| **Political Opinion** | No | Variable not collected in CHS |
| **Disability** | Yes | Limiting long-standing illness |
| **Dependants** | Yes |  |
| **Sexual Orientation** | Yes | Sexual identity variable included in the CHS; possible to provide estimates for ‘heterosexual/ straight’ and ‘gay/lesbian/bisexual/other’ with three years of data rolled together. |
| **Racial Group** | Yes | Ethnic group variable included in CHS; possible to provide estimates for ‘white’ and ‘other ethnic group’ with three years of data rolled together. |
| **Lowest level geography at which the measure is available:** | Parliamentary Constituency level | |

\* Due to confidentiality constraints, in some instances breakdowns may not be available due to small numbers