

# Statistics in Source

There are two main categories of statistics in Source:

- **Univariate statistics** provide information on a single variable and are intended to summarise and reveal patterns in that variable, see [Univariate Statistics SRG](#).
- **Bivariate statistics** compare two variables for the purpose of determining empirical relationships between them, see [Bivariate Statistics SRG](#).

## Locations

Statistics are generated and may be analysed in many parts of Source:

- In Results Manager:
  - Chart statistics, found on the Statistics tab, provide univariate and bivariate statistics for selected result(s), see [Chart Statistics](#).
  - User-generated statistics provide a broader range of statistics for either an entire scenario or for a single result from different scenarios, see [Results Manager Statistics](#).
- In Calibration Wizard:
  - During configuration, you select the objective function that the optimisation algorithm will either minimise or maximise during the calibration (depending on the statistic chosen), see [Calibration Wizard for Catchments - Select elements to record](#).
  - Once a calibration run has finished, you can view a summary of the objective function statistics from the calibration run in the Simulation Runner, or view univariate and bivariate statistics, see [Calibration Wizard for Catchments - Inspecting calibration results](#).
- In Data Source Explorer, you can right click on a Data Source and select **View Data** to open a chart, table and statistics view of the data source. See [Specifying data inputs - Data Sources Explorer](#).