**Aim:**
To examine potential housing requirements associated with the major industry projects planned in the Gladstone region. Is there a particular time when all the projects will add up to create the need for a lot of accommodation, in particular, a type of accommodation as a result of all the major projects?

**Method:**
The Gladstone Economic and Industry Development Board (GEIDB) records all of the key information, including workforce information, associated with all the major industry projects in the Gladstone region. The data is factual and provided by the companies undertaking the projects. In order to establish the likely accommodation needs associated with the major industry projects:

1. Examine and appropriately collate all of the workforce data associated with each project, each year from the material available from GEIDB.
2. Combine all of the workforce data to establish the likely total workforce each year.

**Workforce: Gladstone Region Major Projects**

**Analysis:**
There is a four (4) year period, 2012 - 2015 in which there is a sudden and huge increase in the number of workers in the Gladstone region. The year with the greatest workforce number (27,042) is the year 2014. The increase in the workforce between the years 2011 to 2012 is basically double the workforce, which is why there is suddenly a shortage of housing for the workers.

In the year 2015, the workforce associated with the projects suddenly drops back to 8,221.

**Key Workforce Statistics:**
- Maximum: 27,042 (year 2014)
- Minimum: 1,300 (year 2017)
- Mean: 10,994
- Median: 8,221
- Mode: 1,750

**Conclusion:**
The data clearly shows that there is a limited time period in which a large amount of housing accommodation is required. However, because the amount decreases so quickly the type of housing needs to be considered. If people built permanent housing to accommodate the workforce in the high four-year period, those houses would then be left empty after the four-year peak. This might be left empty, result in social problems for the region and the houses of Gladstone would potentially be vacant.

Analyzing the data clearly shows there is a need for temporary accommodation for the workforce in the four (4) year period, 2012 - 2015 as opposed to normal suburban permanent housing.