**Introduction**

Our group wanted to answer the question of which State is the most ideal place to live in.

This information can be relevant to migrants deciding on which state to settle into or

The 4 factors that we considered to be relevant and had accurate data available was crime rates, employment opportunities, school results and housing costs.

Each of us will talk about a different category in the presentation and show our analysis, while giving a numerical value of each State for each category.

**Topic introduction**

When moving interstate, a family’s safety would be the number one priority.

The data I used to determine which state is safest is pulling data from the ABS specifically the recorded Crime Offenders from the last 5 years.

This gave a considerable amount of data which showed:

* Total offences from last 10 years
* Types of Offences (Drugs, Homicides, Theft, etc)
* Age & Sex of offenders
* Spreadsheets of each State totals.

**Cleaning Data**

**Graph 1**

Rather than follow a simplistic approach of Total offences by State this would heavily skew the data showing NSW which has the highest number of offences but also the highest population. NSW having a total population of over 8million with X offences compared to ACT with under 500,000 with X offences.

The ideal situation is to have Offender rates are expressed as the number of offenders per 100,000 persons. This is a fairer and more accurate assumption to conclude on which state has a lower crime rate. The conclusions that you can see are:

* Northern Territory has by the highest amount of crime

**Graph 2**

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**Interesting Statistics**

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**Final points**

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The offender rate also decreased by 100 offenders to 1,542 offenders per 100,000 persons.