**Record of Correlation Between Crime rates, Rainfall & Criminal Justice Personnel.**

**Alex Ogbole**

**Keywords**

Nationality, Crime, Criminal Judicial Personal

**Data Set Description Summary**

This record is a summary of a correlation study undertaken from three different data sources; Crime rates, Rainfall and Criminal Justice Personnel over the 2014 period. The scope of the project required that the source data for analysis be downloaded from public records made available from weblinks provided. These three data sets were downloaded as excel spreads sheets, the data sets were cleaned and filtered based on nationalities of the reported crime over the year, 2014. Then, the resultant data set was merged along common features in all the data sets. Finally, the country that was not present in all the data set was excluded. All these analyses were done using a statistical programming language, R, in the development environment R-studio. The result of the combination was then exported as a csv file to a GitHub repository. This resultant dataset was to determine the relationship between crime rate when rainfalls and the assigned roles of the criminal justice personnel. This produced a data set of the nations, regions and sub-regions of the globe from where the crimes record originated. The crimes reported were theft and vandalism. the statistics of the crimes were recorded over the 2014 period and the category of criminal justice personnel; from the police, the Judges to Prison personnel that were assigned was also included in the report.

**Hallym University: Scholars Archive Citation**

Ogbole, Alex, "Record of Correlation between Crime rates, Rainfall and Criminal Justice Personnel" (2014). Crime correlation Data Repository.   
<https://github.com/Ogbole/LIFSResearchBlog/tree/gh-pages/_projects>/ https://github.com/terrynema04/r\_studio\_sessions/blob/master/Combined.csv

**Document Type**

Data

**Publication Date**

2019

**Data Collection Start Date**

2014

**Data Collection End Date**

2014

**Language**

English

**College**

Hallym University, School for International Cooperation

**Department**

Legal Informatics and Forensics Science

**University Standing at time of data collection**

Researcher

**Copyright Use Information**

https://hallym.university.ac.kr/about/copyright/