**Policing and Population Inquiry Project Proposal** v2

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Policing data differs dramatically depending on location. Regulating agencies operate at individual levels (county, city, state). With the use of county data, this project seeks to map out trends among state agencies to create a national picture of police budgets and other points of interest.

**The combined data from Bureau of Justice Statistics and the census will provide a basis for answering pressing questions:**

* Do policing agencies, on average, represent the population they server according to demographics?
* What is the average budget per officer in each state?
* What is the average budget per state per call for service?
* How are state-wide budgets related to diversity among officers?
* Are psychological interviews significant for officers per state?
* How does the use of psychological interviews relate to the overall budget per state?

**The primary hypotheses for this project are:**

* Hypothesis 1: Personnel within police agencies do not accurately represent the populations they serve
* Hypothesis 2: States with the highest diversity have the lowest budgets
* Hypothesis 3: States with the lowest use of psychological interviews within the hiring process have the highest budgets

**This project will use the following variables to calculate trends and general statistics including correlations**

* Total population per state
* Agency's total operating budget for the fiscal year that included june 30, 2016
* Screening techniques: personality/psychological inventory
* Screening techniques: psychological interview
* Screening techniques: analytical/problem-solving ability assessment
* Screening techniques: assessment of understanding diverse cultural
* Populations
* Number of full-time agency personnel who were bi- or multilingual: sworn
* With general arrest powers
* New hires: white, non-hispanic
* New hires: black or african american, non-hispanic
* New hires: hispanic or latino
* New hires: american indian or alaska native, non-hispanic
* New hires: asian, non-hispanic
* New hires: native hawaiian or other pacific islander, non-hispanic
* New hires: two or more races
* New hires: total
* New hires: male
* New hires: female
* Full-time sworn: black or african american, non-hispanic, female
* Full-time sworn: hispanic or latino
* Full-time sworn: american indian or alaska native, non-hispanic
* Full-time sworn: asian, non-hispanic
* Full-time sworn: native hawaiian or other pacific islander, non-hispanic
* Full-time sworn: two or more races
* Full-time sworn: total
* Number of calls for service
* Number of calls/requests for service resulting in dispatch of officer(s) or use of onsite
* Unit
* Problem-solving partnership or written agreement with: advocacy groups

**Audience**

Advocacy and educational groups focused on police reform or diversity and inclusion will find the findings of this project useful.

**Data Sources**

United States. Bureau of Justice Statistics. Census of Federal Law Enforcement Officers (CFLEO), [United States], Fiscal Year 2016. Inter-university Consortium for Political

and Social Research [distributor], 2020-03-24. <https://doi.org/10.3886/ICPSR37607.v1>

U.S. Census Bureau, 2016 American Community Survey 1-Year Estimates <https://data.census.gov/>

[**Data Set**](https://drive.google.com/file/d/12u0j6fVRKXPiVuEh5rEGkOPJbuQLKDVp/view?usp=sharing)