

Uncovering Human Trafficking Patterns from Guatemala to the U.S.

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Problem Statement

Whereas DHS and USBP have data on Apprehensions, Turn-Backs and Known Got-Aways, they do not have the remaining data to complete the formula, namely the Unknown Got-Aways. This Project will develop the "Unknown Got-Aways" element of the Interdiction Effectiveness Rate (IER) Formula

Project beneficiaries and end users

- Statisticians who apply raw data to the IER Formula.
- Program Analysts who respond to Agency, Department, Congressional and Presidential mandates.
- Executive Managers who allocate border Patrol resources in the field.

GAINS desired

- Provide DHS the ability to develop and implement specified metrics to measure the effectiveness of security between ports of entry;
- Provide DHS the ability to evaluate and update metrics to ensure that they meet DHS's performance management needs and are suitable to measure the effectiveness of border security

PAINS at present

Previous inability to respond to Presidential and Congressional Mandates (The National Defense Authorization Act of 2017 (H.R. 4909) and Department of Homeland Security Border Security Metrics Act of 2015 with Unknown Got-Aways Data

Project products & services

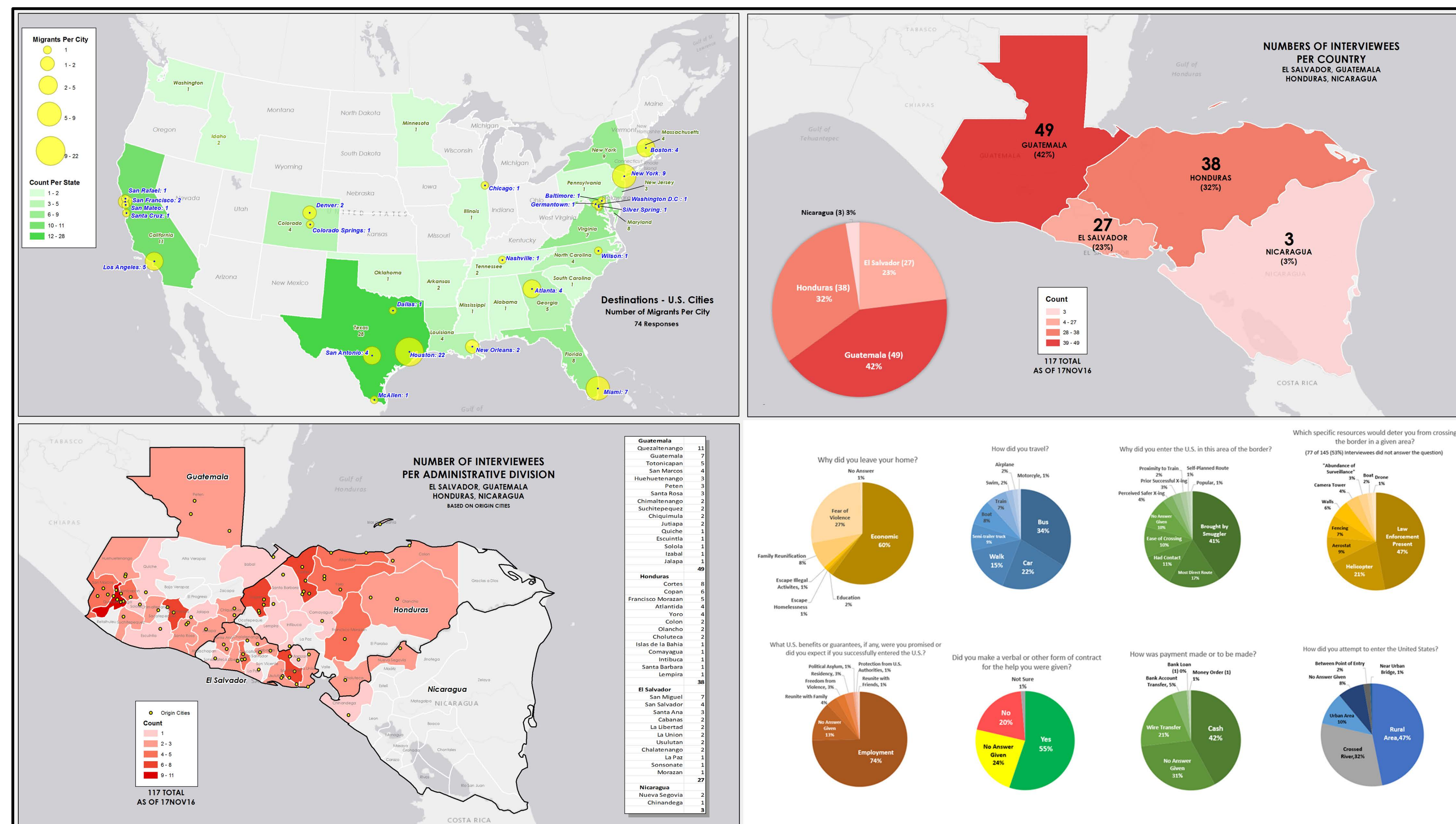
- Tools: Voir Dire International GIS Mapping Service is under development that will plot the routes, support structures and population data that quantify migrant flows (the Unknown Got-Aways)
- Knowledge Products: An Analytical Report will be produced that will provide the statistical basis for development of the Unknown Got-Aways element of the IER Formula[tools, technologies, and knowledge products]

GAINS created

- Data collected on existence, use and estimated census of presence of migrants at Support Structures, via open source research; Measured as compared to no previous data.
- Data collected on the number of migrants in the stream via Surveys; Measured as compared to no previous data.

PAINS alleviated

- Voir Dire International GIS Mapping Service provides unique geospatial tool to track support structures in use by migrants and to estimate the number of migrants in the stream
- Voir Dire International Algorithm will provide the statistical basis for the Unknown Got Aways



Key Accomplishments:

- This project collected and analyzed unique data heretofore used in the IER calculus.
- This project will confirm, refute or validate existing USBP data on migrant flows.
- This project will provide statistically valid data to USBP regarding push-pull factors, smuggler contracts, migrant motivations, U.S. government policy perceptions.
- This project will provide current and updated data to the USBP.

Next Steps:

- Finish migrant interviews and analyze the data.
- Develop a Mapping Service and Statistical Algorithm.

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