**DHS ICE LENS Project Update Report**

Date: 02/28/18

**Task 1: Validate Requirements (4062)**

## Validate requirements: provide a definition of mapping table, methodology and other outputs

SEARCH reviewed the mapping spreadsheet structure and DHS LENS Mapping Fields documents. Based on the current mapping spreadsheet and discussions with Nlets, SEARCH recommended that the mapping spreadsheet is restructured.

The following fields should be included the mapping spreadsheet:

* State
* Statute Citation
* Statute Description
* NCIC Code
* Authorized Source
* Severity Level
* Severity Class
* Modifier
* NIBRS Code
* Statute Enacted date
* Statute Discontinued date
* Source Text

SEARCH provided the revised spreadsheet and explanation of these fields to Nlets on 1/3/18 and Nlets accepted these suggested changes. SEARCH continues to utilize the format to create mapping comparisons.

SEARCH recommends that the methodology for completing the mapping studies include coordinating efforts between Nlets, SEARCH and Cathy Plummer. We determined who is responsible for which states. We are following a common approach, and we are updating a central repository of mappings on GitHub for coordination and collaboration.

Additional outputs should include the formation of a nationwide committee of criminal history repository managers to assist with developing policy guidelines for ongoing support and governance and operational factors required to build and sustain this information sharing resource.

## Review existing NCIC/state statute mapping table maintained by ICE

The existing DHS mapping spreadsheet is incomplete. It does not include all states and territories and for some states statutes are missing. For example, there are no murder or manslaughter mappings in the existing mapping table for Alaska. Additionally, there are statute mappings to incorrect values. (e.g., Arizona and Colorado mappings include a value of 09AA for manslaughter, which is not a valid NCIC code.) There are inconsistencies in how the statute citations are written. For example, within Arizona’s list there are statutes with and without special characters; first degree murder is represented with the following statutes: 13-1105.A.1, 13-1105.A.2, 13-1105.A.3, 13-1105A1, 13-1105A2, and 13-1105A3. Causing duplicate entries. Here’s another example from the DHS mapping spreadsheet:

|  |  |  |
| --- | --- | --- |
| Illinois | First degree Murder--Death penalties--Exceptions--Separate Hearings--Proof--Findings--Appellate procedures--Reversals | 720 ILCS 5.0/9-1 |
| Illinois | Second degree murder (sudden and intense passion, unreasonable belief that offender believes would justify killing) | 720 ILCS 5.0/9-2 |
| Illinois | Voluntary Manslaughter of an Unborn Child (not consensual abortion) (sudden and intense passion resulting from serious provocation - negligently and accidentally causes death of unborn child) | 720 ILCS 5.0/9-2.1 |
| Illinois | Involuntary Manslaughter and Reckless Homicide (involuntary manslaughter does not involve a vehicle; reckless homicide involves vehicle) | 720 ILCS 5.0/9-3 |
| Illinois | Involuntary Manslaughter and Reckless Homicide of an Unborn Child (not abortion) | 720 ILCS 5.0/9-3.2 |
| Illinois | Drug-induced homicide | 720 ILCS 5.0/9-3.3 |
| Illinois | First degree Murder--Death penalties--Exceptions--Separate Hearings--Proof--Findings--Appellate procedures--Reversals | 720 ILCS 5/9-1 |
| Illinois | Second degree murder (sudden and intense passion, unreasonable belief that offender believes would justify killing) | 720 ILCS 5/9-2 |
| Illinois | Voluntary Manslaughter of an Unborn Child (not consensual abortion) (sudden and intense passion resulting from serious provocation - negligently and accidentally causes death of unborn child) | 720 ILCS 5/9-2.1 |
| Illinois | Involuntary Manslaughter and Reckless Homicide (involuntary manslaughter does not involve a vehicle; reckless homicide involves vehicle) | 720 ILCS 5/9-3 |
| Illinois | Involuntary Manslaughter and Reckless Homicide of an Unborn Child (not abortion) | 720 ILCS 5/9-3.2 |
| Illinois | Drug-induced homicide | 720 ILCS 5/9-3.3 |

SEARCH recommends that the project team work with the states and DHS to set standards for the data representations within the mapping table for consistency and usability.

## Develop Schedule and Milestones

## SEARCH proposes the following schedule and milestones.

|  |  |  |
| --- | --- | --- |
| **Task Name** | **Start Date** | **End Date** |
| 1. Validate requirements, methodology and outputs/deliverables | 11/27/17 | **1/12/18** |
| 1. Validate requirements: definition of Mapping Table, methodology and other outputs | 11/27/17 | **1/3/18** |
| 1. Review existing NCIC/state statute mapping spreadsheet maintained by ICE | 11/27/17 | **1/12/18** |
| 1. Develop Schedule and Milestones | 11/28/17 | **1/13/18** |
| 1. Environmental scan | 12/11/17 | **2/21/18** |
| 1. SEARCH membership survey | 1/3/18 | **2/2/18** |
| 1. Copies of resources (mapping tables) | 1/3/18 | **2/2/18** |
| 1. Review resources for suitability and utility | 1/3/18 | **2/21/18** |
| 1. Cost estimate for states with mapping table | 2/2/18 | **2/21/18** |
| 1. Mapping exercise for sample states | 2/2/18 | **3/4/18** |
| 1. Identify states without mapping table | 2/2/18 | **3/4/18** |
| 1. Perform mapping exercise to develop mapping table example | 2/2/18 | **3/4/18** |
| 1. Cost estimate to develop mapping table | 2/18/18 | **3/2/18** |
| 1. Develop Sustainability Plan | 2/21/18 | **3/30/18** |

**Task 2: Environmental Scan (4091)**

## SEARCH membership survey

## SEARCH sent a request to the SEARCH membership for copies of existing state statutes to NCIC mapping code tables. Staff received 26 (as of 1/31/18) responses, 14 provided tables and 12 stated they do not have the mappings to NCIC codes complete. Staff reviewed the tables and some of them align well with the DHS LENS mapping tables. Some lack accurate mappings; for example, some states only used NCIC Code 0999 for all homicide/murder statutes. See below for further explanation.

## Copies of mapping tables

## SEARCH provided the mapping tables it received from state to Nlets via the GitHub repository.

## Review resources for suitability and utility

## SEARCH continues to create a matrix for Homicide, Kidnapping, Sex Assault, Robbery and Aggravated Assault to compare the DHS mappings with the state mappings next to SEARCH mappings. These matrixes are uploaded to the GitHub repository.

## Results of Preliminary Test Mapping of State Statutes to NCIC Codes

NCIC codes tend to include the means (gun, vehicle, other weapon) in which the crime was committed and the victim type (family, public official, etc.) whereas most state statutes do not include the means or relationship. For example, Colorado has specific statute for “First degree murder of a peace officer, firefighter or EMS (18-3-107(1)”) that maps to 0908 but does not specify if a gun was used, which would be 0907. In other cases, NCIC codes are specific to the victim type and add whether that crime was committed with a gun or other weapon. Colorado statutes do not specify family or non-family members therefore, based on statutes the offense would not map to 0901 – 0906. Colorado has a specific statute that includes “Vehicular homicide (18-3-106(1)(a))”, which maps to NCIC code 0909. But some other states do not. This makes it difficult for a one to one relationship between a given statute and the NCIC code.

SEARCH plans to perform a similar analysis for all state tables to determine the degree to which various state statutes align with NCIC codes.

## Cost estimate for state with mapping tables

SEARCH started work on the analysis and will provide a cost estimate in the near future.

**Task 3: Mapping Exercise for Sample States (4092)**

## Identify states without mapping table

## As of 1/31/18 – 11 of the 26 states that responded to the SEARCH request for assistance do not have a mapping table available. These states are: California, Illinois, Indiana, Maryland, Missouri, North Carolina, Oklahoma, Pennsylvania, Virginia, Washington and Wyoming.

## Perform mapping exercise to develop table example

## SEARCH will work with Nlets to determine the number of states and identify the states where the mapping exercise will be completed. This effort will be coordinated with Cathy Plummer.

## Cost estimate to develop mapping table

## SEARCH will provide a cost estimate to complete the mapping after the project team completes the mapping exercise.

**Task 4: Develop Sustainability Plan (4093)**

## Sustainability Plan to maintain State Statutes to NCIC Code mappings

SEARCH will research options for a sustainability plan and provide analysis in the future.