National Syndromic Surveillance Program (NSSP) Implementation Plan for ESSENCE and SAS addendum 1

***2/23/2016 Draft***

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**Master Facility Clean-up Overview**

Integrating ESSENCE into the BioSense platform has presented an opportunity to review and clean the existing BioSense facility data. The ESSENCE ingestion process requires use of a Master Facility Table containing a unique identifier for each facility. While a number of sites have Master Facility Tables that meet this requirement, the pilot experience revealed that some sites’ Master Facility Tables contained duplicate facility IDs referencing the same facility. Related, we discovered that the processed data also contained duplicate facility identifiers (FacilityID\_UID) for the same facility. In addition, we found that the characteristics for the same facility differed in some cases when comparing the facility data across various data sources and views (e.g., slightly different facility names; address missing vs. non-missing; City spelling differences; zip code variations, to include blank vs. 5 digit vs. 5 digit plus 4 digit zip extension).

**Master Facility Clean-up Process**

The NSSP team devised a strategy to register the known truth of all facilities allowing for maximum flexibility in how the data are used in any downstream processing or applications. During the designated timeframes listed below, the NSSP team will work with sites to review and reconcile existing Master Facility Table duplicates and/or discrepancies such that we can ultimately associate a single identifier for each facility to use moving forward into ESSENCE. In an effort to assist with this decision making, the NSSP team will provide information on volume (count of records associated with a specific ID) and currency (timeframe of maximum message date associated with a specific ID). The team recommends that the Jurisdiction utilize the volume and currency data provided as a resource for selecting the ‘official winning identifier’ for each facility with multiple identifiers. The identifier selected by the Jurisdiction will then be used from this point forward as part of the ESSENCE process. NSSP Team members will provide a draft Master Facility Table (based on current data on the BioSense platform) before reaching out to each Jurisdiction to set up a conference call to discuss and answer questions. The NSSP Team will continue to work with the Jurisdiction until the Master Facility Table is finalized and approved by that Jurisdiction. Following Jurisdiction approval, the Master Facility Table will be transitioned to the maintenance phase, whereby subsequent changes can still be made by working with Onboarding. Below you will find the tentative MFT process schedule for the remainder of sites. The schedules below will be adhered to the extent possible, but can be modified, if required, based on coordination between the site and the NSSP team.

**Master Facility Clean-up Process Schedule**

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|  **January 15 - February 29, 2016** |
| **Status** | **Jurisdiction** | **ED Size estimate** |
| BioSense Only | Illinois (includes Cook) | 3894098 |
| BioSense Only | Massachusetts | 2644442 |
| BioSense Only | Kentucky | 2411060 |
| BioSense Only | Arizona | 2357660 |
| BioSense Only | Mississippi | 1770436 |
| BioSense Only | Arkansas | 1392101 |
| BioSense Only | West Virginia | 1234689 |
| BioSense Only | Kansas | 1133050 |
| BioSense Only | Houston, TX | 998772 |

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| **February 16 – March 31 2016** |
| **Status** | **Jurisdiction** | **ED Size estimate** |
| BioSense Only | Nevada | 909949 |
| BioSense Only | Utah | 895150 |
| BioSense Only | New Mexico | 839473 |
| BioSense Only | Riverside, CA | 609569 |
| BioSense Only | Idaho | 554512 |
| BioSense Only | North Dakota | 424789 |
| BioSense Only | Montana | 371086 |
| BioSense Only | Alaska | 290711 |

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| **March 1 – April 29, 2016** |
| **Status** | **Jurisdiction** | **ED Size estimate** |
| BioSense Only | Stanislaus, CA | 230410 |
| BioSense Only | Linn County, IA | 100287 |
| BioSense Only | Santa Clara, CA | 63596 |
| BioSense Only | Nevada, CA | 51391 |
| Non BioSense | Florida | 8194073 |
| Non BioSense | Ohio | 6660935 |
| Non BioSense | Pennsylvania | 6276403 |
| Non BioSense | New York | 4706521 |
| Non BioSense | North Carolina | 4644060 |

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| **April 1 – May 31, 2016** |
| **Status** | **Jurisdiction** | **ED Size estimate** |
| Non BioSense | Georgia | 4216071 |
| Non BioSense | New York City | 3713757 |
| Non BioSense | New Jersey | 3705912 |
| Non BioSense | Indiana | 3434886 |
| Non BioSense | Tarrant County TX | 3309208 |
| Non BioSense | Missouri | 3051606 |
| Non BioSense | Louisiana | 2583184 |
| Non BioSense | Maryland | 2552154 |
| Non BioSense | Washington | 2405502 |

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| **May 1 – June 29, 2016** |
| **Status** | **Jurisdiction** | **ED Size estimate** |
| Non BioSense | Oklahoma | 1959867 |
| Non BioSense | Minnesota | 1898936 |
| Non BioSense | Connecticut | 1643476 |
| Non BioSense | South Carolina | 1451782 |
| Non BioSense | Oregon | 1403126 |
| Non BioSense | Maine | 793797 |
| Non BioSense | Nebraska | 682945 |
| Non BioSense | New Hampshire | 652190 |
| Non BioSense | Rhode Island | 590464 |

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| **June 1 – July 29, 2016** |
| **Status** | **Jurisdiction** | **ED Size estimate** |
| Non BioSense | Boston Public Health Commission | 524804 |
| Non BioSense | County of Sacramento, CA | 509352 |
| Non BioSense | District of Columbia | 499154 |
| Non BioSense | Delaware | 437706 |
| Non BioSense | San Diego, CA | 433873 |
| Non BioSense | Hawaii | 399575 |
| Non BioSense | Vermont | 302030 |
| Non BioSense | South Dakota | 289200 |
| Non BioSense | San Mateo, CA | 247889 |