minutes

AMERICAN IMMUNIZATION REGISTRY ASSOCIATION

Immunization Information Systems for a New Era

Address Cleansing User Group

September 20, 2017
2:00pm – 3:00pm ET

Opening Welcome Josh Hull, Michigan Steve Murchie, Envision	**Roll Call:** Bonnie Davis (AL), Hari Siva (AL), Josh Yates (AL), Tricia Franklin (AK), Steve Murchie (Envision), Vijay Pathangi (IN), Quan Le (LA), Patricia Swartz (MD), Jeanne Becker (MD/DXC), Nanette White (MD/DXC), Josh Hull (MI), Scott Jeffries (OR), Kim Salisbury-Keith (RI), Jeannine Warrener (RI); **AIRA Staff:** Maureen Neary; **Absent:** Mary Beth Kurilo • We all introduced ourselves and reviewed the agenda. • The goal of this group is to share what each IIS plans to do with the address cleansing and geocoding service, and to support one another in achieving our plans. This involves making suggestions, sharing solutions and troubleshooting. • Steve Murchie was introduced as a facilitator. As a participant in AIRA's address cleansing pilot project, he ran representative samples from Kansas through SmartyStreets to analyze the quality of the data. Next up, he plans to add an interactive interface component at the data entry level to fill in addresses automatically. His overall goal is to move both projects into production and bring the cleansed data back into the system.
Round Robin: How is Everyone Using SmartyStreets? Steve Murchie, Envision	• **Alabama –** Alabama used to use SmartyStreets for auto-complete UI features. They put an API web key in their server-side code and registered each URL. They eventually abandoned this practice as it was conflicting with their webforms and Java script. They are now in the planning phase of implementing a batch process, which is their short-term goal. They estimate it will take them 4 – 8 weeks to get batch up and running. They are thinking about creating a separate database to store their data. They still use web forms but want to move off of them. Eventually, they hope to re-implement real-time lookups. • **Alaska –** They are in a holding pattern. They are cloud-hosted on Amazon Web Services Technologies. They have not been successful in engaging STC to make address cleansing a priority; they are also impeded by their inability to access their back end independently. ○ ❑ **Action Item:** Maureen will ask STC to participate in the Address Cleansing User Group calls. • **Indiana –** Indiana also uses STC but are self-hosted. They echoed Alaska's problems: sites that are self-hosted are also limited in their access to the product. • **Louisiana –** Louisiana is an STC site. They are transitioning to the cloud soon. They recommended talking to the STC consortium to make address cleansing a priority. • **Maryland –** Maryland just signed their Partner Agreement and haven't started their planning process.

minutes

- **Oregon –** Oregon employed SmartyStreets to calculate county immunization rates. They used the command line prompt to cleanse and geocode 200,000 addresses in seconds. 90% of the submitted addresses were cleaned and geocoded. The results were "a lot to dive into." They want to do a reminder recall but lack the technical staff to implement and are also caught up in a lot of bureaucratic red tape (particularly around optics regarding HIPAA violations).
- **Rhode Island –** Rhode Island will kick off its planning process in mid-October. They have not yet defined their objectives. They have their own processes for de-duping and merging records and want to see how SmartyStreets might impact those processes.
- Steve and Josh advised that batch processing is the quickest win, especially given its easy set-up.
- In interactive set-ups, known addresses don't always map in SmartyStreets. It's recommended you use SmartyStreets as an aid, but not as a validator.
  - To avoid impacting your turnaround time, target for a speed of response. A 5-second turnaround is a comfortable outer limit. The introduction of a multi-second lookup can bust an outer limit.
- IIS can benefit from geocoding. It can be the basis of a map that enables viewers to visualize data. For example, it could show vaccination rates as well as help to communicate the value of a registry.
- In SmartyStreets, there is a distinction between "not deliverable" and "not found." SmartyStreets characterizes only a small percentage of addresses as "we don't know anything about this."
- Michigan experienced some long response times in real-time interactions with SmartyStreets. They discovered the long response times had nothing to do with SmartyStreets, whose servers responded in microseconds. The problem was with the state's network: there was traffic or the routing was convoluted.

Wrap Up Josh Hull, Michigan	- Potential upcoming call topics include: how to reintegrate data back into an IIS from SmartyStreets, issues IIS are considering during their planning processes, demos of different features SmartyStreets offers (e.g. API, auto-complete UI, batch processing), Steve presenting on interactive UI. ❏ **Action Item:** Josh will ask Michigan to give their permission to share the code he wrote (per our discussion last meeting). - Everyone wants to meet again in 2 weeks. - Our **next meeting** will be **Wednesday, 10/4** at **2pm ET**.