**Data element: Travel History Location (allow option to list multiple locations)**

**Old text in black. Newly proposed text in highlight. Proposing to add the new language to the existing one:**

***Use Case***

* **Briefly describe the main use cases to support adoption of the data element into the USCDI:**
  + Exposures to communicable disease and environmental pathogens during travel pose a risk for importation of nonendemic, emerging, or antimicrobial-resistant pathogens to the United States. For this reason, it is important for public health officials to receive discrete and accurate travel history information about patients, including locations of travel. This information is particularly important during outbreaks.
  + Geographic travel history, specifically the countries in which a person was located prior to illness onset, is essential to determine the location of exposure for a diagnosed infectious disease, or to formulate a complete differential diagnosis for illnesses of unknown etiology, based on known epidemiology of diseases not endemic to the United States or outbreak information.
  + During periods when outbreaks are occurring in an international location with risk of case importation to the United States, identifying travel-associated cases is essential to ensure appropriate public health management of case-patients and contacts as well as to inform guidance for travelers or clinicians or public health policy.
  + In some situations, cases in travelers may serve as sentinel events in identifying new or re-emerging pathogens or previously unidentified outbreaks.
  + Surveillance for travel-associated disease importation and spread also informs travel health prevention and treatment recommendations for travelers and clinicians.
* **Estimate the number of stakeholders who would capture, access, use or exchange this data element or data class:**
  + Travel history would be reported in all jurisdictions as part of electronic case reporting.
  + Healthcare providers – physicians, pharmacists, nurses, and physician assistant
  + 50 states Local and State health department
  + CDC Division Global Migration and Quarantine
  + Centers for Medicare & Medicaid Services
  + Currently built into national case notifications to CDC for 25 reportable conditions using the case notification HL7 message mapping guide format. Anticipate within the next couple of years to make travel history available for all notifiable conditions

***Maturity***

* **Does a vocabulary, terminology, content, or structural standard exist for this data element?** 
  + Yes, No, or unknown
  + **If yes, please cite the applicable standard\*: (provide URL link)**
    - SNOMED: 420008001 |Travel (event)|
    - Geographical location history (<https://phinvads.cdc.gov/vads/ViewValueSet.action?oid=2.16.840.1.114222.4.do> 11.3201)
    - ISO 3166 country codes (<https://www.iso.org/iso-3166-country-codes.html>)
    - NCI\_Thesaurus 22.08e: code C173619
    - LOINC v2.72 code: PhenX measure - international travel history:-:Pt:^Patient:-:PhenX (Code 62887-5)
* **Are there additional technical specifications such as an implementation guide (IG) or profile using this data element?** 
  + **Choose:** Yes, No, Unknown
  + **If yes, please cite the relevant technical specification(s):**
    - HL7 FHIR® Implementation Guide: Electronic Case Reporting (eCR) <http://build.fhir.org/ig/HL7/case-reporting/StructureDefinition-us-ph-travel-history.html>

***Challenges***

* **Describe any privacy and security concerns with the use and exchange of this data element.\***
  + Health Insurance Portability and Accountability Act (HIPAA, <https://www.hhs.gov/hipaa/index.html>)