**Data element: Travel History Dates (start and end dates for each location listed)**

**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 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 dates of travel. This information is particularly important during outbreaks.
  + Travel dates, specifically the timing and duration of travel with respect to illness onset, are essential to determine the timing and location of exposure for a diagnosed infectious disease, or to formulate a complete differential diagnosis for illnesses of unknown etiology, based on known or estimated incubation periods and natural history of disease progression.
  + 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>)
    - LOINC v2.72 Date travel started:Date:Pt:^Patient:Qn (Code 82752-7)
    - LOINC v2.72 Date of departure from travel destination:Date:Pt:^Patient:Qn (Code 91560-3
* **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>)