Data Dictionary

Six (6) data files have been included with this exercise. Details of each can be found below:

adverse_events

This file includes all encounters where an adverse event subsequently occurred. This is purposely left undefined but should be assumed to indicate that the procedure did not go optimally (e.g. a readmission or additional surgery was required).

- ***encounter_id:*** Unique identifier representing an encounter between a patient and clinician where care was rendered

employer_in_network

This file includes employer customers and the providers who are categorized as being in-network for their employees.

- ***employer_id:*** Unique identifier associated with an employer customer who has contracted with Icon Health to deliver services for their employees
- ***in_network_npis:*** Providers categorized as being in-network for patients associated with this employer_id. National Provider Identification numbers are an unique identifier issued to healthcare providers by CMS

encounters_details

This file includes information about the encounter, including the clinician who rendered care, the patient who received care, the procedure performed, and the amount paid for the encounter. This should be assumed to be a simplified version of what would be found on an insurance claim.

- ***encounter_id:*** Unique identifier representing an encounter between a patient and clinician where care was rendered
- ***npi:*** National Provider Identification numbers are an unique identifier issued to healthcare providers by CMS
- ***patient_id:*** Unique identifier associated with an individual patient
- ***cpt:*** Current Procedural Terminology is a code associated with a procedure performed or service rendered by a clinician
- ***paid_amount***: Total amount paid for the services or procedure performed as part of this encounter

patients

This file includes demographic information for patients who have received care in the past with the providers in our file for the 5 procedures of interest.

- *patient_id:* Unique identifier associated with an individual patient
- *gender:* Patient's selected gender
- *birth_date:* Patient's date of birth

providers

This file includes identification and location information for providers rendering care in the accompanying files

- *provider_name:* Provider's first and last name
- *npi:* National Provider Identification numbers are an unique identifier issued to healthcare providers by CMS
- *zip:* Zip code of the business where the provider renders care

referrals

This file includes newly received requests for care, including patient identification information, the type of procedure they need, and the zip code where they reside and are seeking care

- *patient_id:* Unique identifier associated with an individual patient
- *gender:* Patient's selected gender
- *birth_date:* Patient's date of birth
- *procedure:* Current Procedural Terminology is a code associated with a procedure performed or service rendered by a clinician
- *zip:* Zip code where patient resides and is seeking care
- *employer_id:* Unique identifier associated with an employer customer who has contracted with Icon Health to deliver services for their employees