Current State of Affairs

Common Data Model (CDM) – Multi – Site Network (GPC/PCORI) UTMed: 7/2018 UHS: 11/2017

- Demographics
- Encounters (Visits)
- Diagnosis (Billing Diagnosis)
- Procedures
- Vitals (Height, weight (UTMED ONLY: Tobacco Status, Blood pressure)
- UTMED ONLY: Dispensing
- Prescribing
- Labs (UHS: Subset of top 37 labs only)
- Condition/Problems List
- Death (Includes SSDMF)

SNOW SHRINE (Shared Health Research Informatics Network) – Multi-Site Network (GPC) UTMed 4/2018 UHS 11/2018

- Demographics
- Diagnosis (Billing and problems list)
- (Shared Health Research Informatics Network) – Multi-Site Network (GPC)

I2B2   Local Researchers   UTMED: 4/2018 UHS 11/2017

- Alerts
- Allergies
- NAACR Cancer Data
- Cardiology Lab
- Demographics (including vital status and socioeconomic census data)
- Diagnosis (Billing and problems list)
- Flowsheet data
- Medical/Social/Surgical History
- Labs
- Medications (Dispensed and Prescribed)
- Microbiology
- Procedures (Billed and ordered)
- Research Enrollment
- Visit details (e.g. visit vitals, physician specialty)

TriNetX   UTMED: 4/2018   UHS: 11/2017

- Note: Limited by TriNetX mapping, they can actually access all the data elements from I2B2, but have only mapped the ones below that I know of)
- NAACR Cancer Data (UTMed Only)
- Demographics (including vital status)
- Diagnosis (Billing and problems list)
- Labs (Only 35 of UHS labs)
- Medications (Dispensed for UTMed and Prescribed for both)
- Procedures (Billed for both and ordered for UTMed)
- Visit details (e.g. visit vitals)

ACT SHRINE (Accrual for Clinical Trials) – Multi-Site Network (CTSA) UTMed 4/2018 UHS 11/2018

- Demographics
- Medications
- Diagnosis
- Procedures
- Labs for UT-Med through the beginning of 2016
- (Accrual for Clinical Trials) – Multi-Site Network (CTSA)

Data Specifications

I2b2:

UTMed data available for query: 2007-April 2018

UHS available for query: 2005-November 2017

TriNetX:

UTMed for query 2007- April 2018

UHS for query 2005 – November 2017

CDM:

UTMed for query 2007- July 2018

UHS for query 2005 – November 2017

SNOW SHRINE:

Shared Health Research Informatics Network – Multi-Site Network (GPC)

UTMed: 2007-April 2018; UHS: 2005 – November 2018

ACT SHRINE:

Accrual for Clinical Trials – Multi-Site Network (CTSA) - 2007-early 2016

UTMed: 2007-April 2018; UHS: 2005 – November 2018

CIRD Data Sources

UTMed

Clarity – Clarity is a reporting/billing database that is pulled from the native mumps architecture. It contains curated reporting tables instead of raw EHR data

NAACCR – National Association of American Central Cancer Registries is a flat file standardized across America for recording cancer cases, treatment, and outcomes. It is widely used in research for incidence, and prevalence of cancer. This is the format used by SEER. (Note that Texas is not a part of SEER and has its own state cancer registry.)

UHS

Sunrise – Sunrise is the EHR for UHS. We have an instance of the SQL Server database for the EHR system. Unlike Clarity this means we have raw EHR data.

IDX - IDX is the billing system utilized by UHS. It is similar to Clarity in that it is a curated report. We're currently in the process of getting a slightly different report from the IDX team because the current one does not provide a complete list of procedures.

External Data Sources

US Census Data – We have access to block level census data which allows us to connect addresses to US census data including education level, income, etc.

SSDMF – Social Security Death Master File. Available through 12/2017 the ssdmf provides information on who has been reported dead.

UMLS – UMLS provides an ontology structure for procedures and diagnosis