

The table below details the most recently-reported data status from each connected ACT site. This data is self-reported and may have changed from the most recent update made in **October 2019** (sites marked with ** were added to the network more recently, and updated as of October 2020). Data gaps that are in progress of being addressed are delineated with an asterisk (*). If you have questions beyond the information presented in this document, please reach out to your respective key local contacts after finding your site's webpage [here](#).

ACT site display name	Site Fullname + (CTSA HUB if different)	Year of earliest patient data	Types of encounters included in i2b2	Total patients	Noteworthy or Known information re: demographics?	Noteworthy or Known information re: meds?	Noteworthy or Known information re: ICD-9 Diagnoses?	Noteworthy or Known information re: ICD-10 Diagnoses?	Noteworthy or Known information re: Procedures?	Noteworthy or Known information re: Lab Tests?
Arkansas Children's Hospital**	University of Arkansas for Medical Sciences	2017	- Hospital encounters/visits - Clinic encounters/visits - Physician office encounters/visits	1,042,236	None	None	No IDC-9 Diagnosis data	None	Some Gaps: - Limited ICD-9 Procedures: - Operations on the integumentary system - Operations on the musculoskeletal system	Limited Results
Boston U	Boston University	2000	- Hospital encounters/visits - Clinic encounters/visits - Physician office encounters/visits	2,047,784	Some Gaps: - Ethnicity: Hispanic - Sex: Ambiguous - Vital Status: Dead	None	None	None	Some Gaps: - No HCPCS procedures - Low counts for CPT procedures in late 2018 and 2019 (will be corrected within 2-3 months)	Limited Results - No data for Lab Types: - Labs (LOINC): Molecular Pathology* - Labs (LOINC): Pathology* - Labs (LOINC): Specimen attributes* - Labs (LOINC): Skin tests* - Labs (LOINC): Radiology* - Labs (LOINC): Patient Information* - Labs (LOINC): challenge* - Labs (LOINC): Drug doses* - Labs (LOINC): Document ontology*
Childrens National	Children's Research Institute	2009	- Hospital encounters/visits - Clinic encounters/visits - Physician office encounters/visits	1,353,074	Some Gaps: - 18+ years old	Some Issues: - Only NDC code. Mapping between RxNorm and NDC at SHRINE server	None	Some Gaps: - No ICD-10 codes before 11/2015	Some Gaps: - No ICD-10 procedures - No HCPCS procedures	Limited Results
Cincinnati-Childrens	University of Cincinnati	2009	- Hospital encounters/visits - Clinic encounters/visits - Physician office encounters/visits	1,113,922	Some Gaps: - 35+ years old - Sex: Ambiguous	Some Issues: - Partial data for RxNorm and NDC codes	None	Some Gaps: - No ICD-10 codes before 10/2015	None	Limited Results - No data for Lab Types: - Labs (LOINC): Drug/Tox* - Labs (LOINC): Allergy* - Labs (LOINC): Blood Bank - Labs (LOINC): Cell markers - Flow Cytometry* - Labs (LOINC): Fertility testing* - Labs (LOINC): Human Leukocyte Antigens*

* = In process

Colorado-Childrens	Children's Hospital Colorado (University of Colorado)	2006	- Hospital encounters/visits - Clinic encounters/visits - Physician office encounters/visits	1,186,233	Some Gaps: - Limited patients 21+ years old	None	None	None	Only has hospital billing, no professional billing	Limited Results - No data for Lab Types: - Labs (LOINC): Drug/Tox* - Labs (LOINC): Allergy* - Labs (LOINC): Blood Bank - Labs (LOINC): Cell markers - Flow Cytometry* - Labs (LOINC): Fertility testing* - Labs (LOINC): Human Leukocyte Antigens*
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Brigham	Brigham (Harvard Medical School)		encounters/visits - Clinic encounters/visits - Physician office encounters/visits							- No data for Lab Types: - Labs (LOINC): Human Leukocyte Antigens - Labs (LOINC): Skin tests - Labs (LOINC): Human Platelet Antigens
Indiana-Rege nstrief	Indiana University (Indiana University-Purdue University at Indianapolis)	2010	- Hospital encounters/visits - Clinic encounters/visits	5,561,531	Some Gaps: - Ethnicity: Hispanic - Sex: Ambiguous - Vital Status: Dead	Some Issues: - Limited prescribing data after 2014 for inpatient medication administration	None	Some Gaps: - No ICD codes for one source institution after 09/2017	Some Gaps: - No ICD-10 procedures	Limited Results - No data for Lab Types: - Labs (LOINC): Molecular Pathology - Labs (LOINC): Pathology - Labs (LOINC): challenge - Labs (LOINC): Drug doses - Labs (LOINC): Document ontology* - Labs (LOINC): Antibiotic Susceptibilities - Labs (LOINC): Major histocompatibility complex class I chain-related antigen A (MICA)
Johns Hopkins	Johns Hopkins University	2013	- Hospital encounters/visits - Clinic encounters/visits - Physician office encounters/visits	3,126,539	Some Gaps:	None	None	Some Gaps: - Potential gaps in ICD-10 codes before 10/2015	Some Gaps: - No HCPCS procedures	Limited Results
Kansas U	University of Kansas Medical Center	2001	- Hospital encounters/visits - Clinic encounters/visits - Physician office encounters/visits	2,367,852	None	None	None	None	None	Limited Results - No data for Lab Types: - Labs (LOINC): Fertility testing - Labs (LOINC): Cytology - Labs (LOINC): Skin tests - Labs (LOINC): Radiology - Labs (LOINC): Patient Information - Labs (LOINC): challenge - Labs (LOINC): Human Platelet Antigens - Labs (LOINC): Document ontology - Labs (LOINC): Human Neutrophil Antigens

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										- Labs (LOINC): Major histocompatibility complex class I chain-related antigen A (MICA)
MUSC	Medical University of South Carolina	2012	- Hospital encounters/visits - Clinic encounters/visits - Physician office encounters/visits	875263	Some Gaps: - Vital Status: Dead	None	None	None		Limited Results
Mayo Clinic	Mayo Clinic Rochester	1994	- Hospital encounters/visits - Clinic encounters/visits - Physician office encounters/visits	10,100,392	Some Gaps: - Race: Multiple races - Sex: Ambiguous	None	None	None	Some Gaps: - No HCPCS procedures	Limited Results - No data for Lab Types: - Labs (LOINC): Allergy* - Labs (LOINC): Microbiology (includes Viruses)* - Labs (LOINC): Pathology* - Labs (LOINC): Specimen attributes* - Labs (LOINC): Radiology* - Labs (LOINC): Patient Information - Labs (LOINC): Human Platelet Antigens* - Labs (LOINC): Document ontology - Labs (LOINC): Antibiotic Susceptibilities* - Labs (LOINC): Human Neutrophil Antigens* - Labs (LOINC): Major histocompatibility complex class I chain-related antigen A (MICA)*
Medical College of WI	Medical College of Wisconsin	1999	- Hospital encounters/visits - Clinic encounters/visits - Physician office encounters/visits	1,219,259	Some Gaps: - Sex: Ambiguous	None	None	None	None	Limited Results - No data for Lab Types: - Labs (LOINC): Drug/Tox* - Labs (LOINC): Allergy* - Labs (LOINC): Microbiology (includes Viruses)* - Labs (LOINC): Human Leukocyte Antigens* - Labs (LOINC): Molecular Pathology* - Labs (LOINC): Pathology* - Labs (LOINC): Specimen attributes*

										<ul style="list-style-type: none"> - Labs (LOINC): Cytology* - Labs (LOINC): Skin tests* - Labs (LOINC): Patient Information* - Labs (LOINC): Human Platelet Antigens* - Labs (LOINC): Document ontology* - Labs (LOINC): Antibiotic Susceptibilities* - Labs (LOINC): Human Neutrophil Antigens* - Labs (LOINC): Major histocompatibility complex class I chain-related antigen A (MICA)*
Morehouse	Morehouse School of Medicine (Georgia CTSA)	1964	- Clinic encounters/visits	46,501	Some Gaps: - Vital Status: Dead	None	None	None	Some Gaps: - No ICD-10 procedures - No HCPCS procedures	Limited Results
New York U	NYU Langone Medical Center (New York University School of Medicine)	2009	- Hospital encounters/visits - Clinic encounters/visits - Physician office encounters/visits	6,552,458	Some Gaps: - >= 90 years old	None	None	None	None	Limited Results; - No data for Lab Types: - Labs (LOINC): Antibiotic Susceptibilities*

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Northwestern	Northwestern University at Chicago	1998	Information Not Available	7,558,900	Some Gaps: - Race: Multiple races - Sex: Ambiguous	None	None	None	Some Gaps: - No HCPCS procedures	Limited Results - No data for Lab Types: - Labs (LOINC): Skin tests - Labs (LOINC): Radiology - Labs (LOINC): challenge - Labs (LOINC): Human Platelet Antigens - Labs (LOINC): Document ontology - Labs (LOINC): Antibiotic Susceptibilities - Labs (LOINC): Human Neutrophil Antigens - Labs (LOINC): Major histocompatibility complex class I chain-related antigen A (MICA)
OHSU - Oregon	Oregon Health & Science University	2009	- Hospital encounters/visits - Clinic encounters/visits - Physician office encounters/visits	3,172,992	None	None	None	None	Some Gaps: - No ICD-10 procedures - No HCPCS procedures	Limited Results
Ohio State U	The Ohio State University Wexner MC	2014	- Hospital encounters/visits - Clinic encounters/visits - Physician office encounters/visits	956,324	None	None	None	None	Some Gaps: - No HCPCS procedures	Limited Results
Penn State	Pennsylvania State University Hershey Medical Center	1998	- Hospital encounters/visits - Clinic encounters/visits - Physician office encounters/visits	1,838,536	Some Gaps: - Race: Multiple races (Not cover mixed) - Sex: Ambiguous (Male and Female, nothing beyond)	None (Issues identifying meds out of Cerner)	None	None	Some Gaps: - No HCPCS procedures	Limited Results - No data for Lab Types: - Labs (LOINC): Skin tests* - Labs (LOINC): Radiology* - Labs (LOINC): Human Platelet Antigens* - Labs (LOINC): Document ontology* - Labs (LOINC): Human Neutrophil Antigens* - (Issues identifying labs out of Cerner)
Stanford	Stanford University	2014	- Hospital encounters/visits - Clinic encounters/visits - Physician office encounters/visits	1,564,026	Some Gaps: - >= 90 years old - Race: Multiple races - Sex: Ambiguous - Vital Status: Dead	None	None	None	Some Gaps: - Few ICD-9 procedures - No HCPCS procedures	Limited Results - No data for Lab Types: - Labs (LOINC): Radiology* - Labs (LOINC): Pathology* - Labs with non-numeric results - Labs (LOINC): Allergy* - Labs (LOINC): Microbiology (includes Viruses)* - Labs (LOINC): Hematology* - Labs (LOINC): Blood Bank* - Labs (LOINC): Cell markers - Flow Cytometry* - Labs (LOINC): Urinalysis*
U Alabama Birmingham	University of Alabama at Birmingham	2004	- Hospital encounters/visits - Clinic encounters/visits	3,125,027	None	None	None	None	Some Gaps: - No HCPCS procedures	Limited Results

			- Physician office encounters/visits								
U Arkansas	University of Arkansas for Medical Sciences	2003	- Hospital encounters/visits - Clinic encounters/visits - Physician office encounters/visits	1,572,304	None	None	None	None	None	Some Gaps: - No ICD-10 procedures	Limited Results

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U Florida	University of Florida	2011	- Hospital encounters/visits - Clinic encounters/visits - Physician office encounters/visits	1,238,591	None	None	None	None	Some Gaps: - No HCPCS procedures	Limited Results - No data for Lab Types: - Labs (LOINC): Drug/Tox* - Labs (LOINC): Human Leukocyte Antigens - Labs (LOINC): Molecular Pathology - Labs (LOINC): Pathology - Labs (LOINC): Specimen attributes - Labs (LOINC): Cytology - Labs (LOINC): Skin tests - Labs (LOINC): Radiology - Labs (LOINC): Patient Information - Labs (LOINC): Human Platelet Antigens - Labs (LOINC): Document ontology - Labs (LOINC): Antibiotic Susceptibilities - Labs (LOINC): Human Neutrophil Antigens - Labs (LOINC): Major histocompatibility complex class I chain-related antigen A (MICA)
U Illinois-Chicago	University of Illinois at Chicago	2010	- Hospital encounters/visits - Clinic encounters/visits - Physician office encounters/visits	761,750	None	None	None	None	None	Limited Results
U Kentucky	University of Kentucky	2004	- Hospital encounters/visits - Clinic encounters/visits - Physician office encounters/visits	1,213,301	None	Some Issues: - Not all medications are mapped to RxNorm	None	None	Some Gaps: - No ICD-10 procedures - No ICD-9 procedures	Limited Results
U Minnesota	University of Minnesota	2002	- Hospital encounters/visits - Clinic encounters/visits - Physician office encounters/visits	2,840,649	Some Gaps: - >= 90 years old - Sex: Ambiguous	Some Issues: - 99.9% mapped to RxNorm codes	None	Some Gaps: - Some diagnosis can only be tied to the patient; one data source uses separate billing system that is not always linked	None	Limited Results - No data for Lab Types: - Labs (LOINC): Drug doses - Labs (LOINC): Document ontology*
U Pittsburgh	University of Pittsburgh	2004	- Hospital encounters/visits - Clinic encounters/visits - Physician office encounters/visits	4,690,550	Some Gaps: - Sex: Ambiguous	Some Issues: - Some non-standard NDCs in the EMR, affecting mixed drugs and some categories of dispensed drugs. Potential for some errant mappings in med orders due to component and RxNorm code errors	None	None	None	Limited Results
U Rochester**	University of Rochester	2011	- Hospital encounters/visits - Clinic encounters/visits - Physician office encounters/visits	1,643,177	None	None	None	None	Some Gaps: --Gap on Anesthesia procedures from hospital charges --Limited procedures with CPT codes on professional billing	Limited Results

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									charges prior to March 2018	
U Washington	University of Washington	1994	- Hospital encounters/visits - Clinic encounters/visits - Physician office encounters/visits	4,862,907	Some Gaps: - Sex: Ambiguous	Some Issues: - We currently have only added data coded in RxNorm, not NDC.	None	None	None	Limited Results
U Wisconsin - Madison	University of Wisconsin-Madison	1986	- Hospital encounters/visits - Clinic encounters/visits - Physician office encounters/visits	19,333,339	Some Gaps: - Sex: Ambiguous	None	None	None	None	Limited Results
UC Davis	University of California at Davis	2003	- Hospital encounters/visits - Clinic encounters/visits - Physician office encounters/visits	2,673,811	Some Gaps: - Vital Status: Dead*	Some Issues: - Epic Medication ID only	None	None	Some Gaps: - No HCPCS procedures	Limited Results - No data for Lab Types: - Labs (LOINC): Drug/Tox - Labs (LOINC): Allergy - Labs (LOINC): Microbiology (includes Viruses)* - Labs (LOINC): Blood Bank - Labs (LOINC): Cell markers - Flow Cytometry - Labs (LOINC): Fertility testing - Labs (LOINC): Human Leukocyte Antigens - Labs (LOINC): Molecular Pathology - Labs (LOINC): Pathology - Labs (LOINC): Serology - Labs (LOINC): Specimen attributes - Labs (LOINC): Cytology - Labs (LOINC): Skin tests - Labs (LOINC): Radiology - Labs (LOINC): Patient Information - Labs (LOINC): challenge - Labs (LOINC): Drug doses - Labs (LOINC): Human Platelet Antigens - Labs (LOINC): Document ontology - Labs (LOINC): Antibiotic Susceptibilities - Labs (LOINC): Human Neutrophil Antigens - Labs (LOINC): Major histocompatibility complex class I chain-related antigen A (MICA)
UC Irvine	University of California-Irvine	2010	- Hospital encounters/visits - Clinic encounters/visits - Physician office encounters/visits	713831	None	Some Issues: - Possible partial data for RxNorm and NDC codes	None	None	None	Limited Results
UC Los Angeles	University of California Los Angeles	2006	- Hospital encounters/visits - Clinic encounters/visits - Physician office encounters/visits	2545318	None	Some Issues: - RxNorm only	None	None	None	Limited Results - No data for Lab Types: - Labs (LOINC): Human Leukocyte Antigens - Labs (LOINC): Skin tests - Labs (LOINC): Patient Information - Labs (LOINC): Human Platelet Antigens - Labs (LOINC): Document ontology - Labs (LOINC): Antibiotic Susceptibilities* - Labs (LOINC): Human Neutrophil Antigens

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											- Labs (LOINC): Major histocompatibility complex class I chain-related antigen A (MICA)
UC San Diego	University of California, San Diego	2003	- Hospital encounters/visits - Clinic encounters/visits - Physician office encounters/visits	2,787,442	None	None	None	None	None	None	Limited Results
UC San Francisco	University of California, San Francisco	2010	- Hospital encounters/visits - Clinic encounters/visits - Physician office encounters/visits	3,524,880	None	None	None	None	None	Some Gaps: - No ICD-10 procedures - No HCPCS procedures	Limited Results
UNC-Chapel Hill	University of North Carolina Chapel Hill	2004	- Hospital encounters/visits - Clinic encounters/visits - Physician office encounters/visits	3,013,107	Some Gaps: - Race: Multiple races - Sex: Ambiguous	None	None	None	None	None	Limited Results
USC Keck Medicine	Keck Medicine of University of Southern California	1999	- Hospital encounters/visits - Clinic encounters/visits - Physician office encounters/visits	715,113	Some Gaps: - 0-17 years old - >= 90 years old - Race: Multiple races - Sex: Ambiguous - Vital Status: Dead	Some Issues: -At this time we have only RXNORM codes, not NUI nor NDC	Some Gaps: -HIV (D42) -Mental, behavioral and neurodevelopmental disorders (290-319.99)	Some Gaps: -HIV (B20) -Mental, behavioral and neurodevelopmental disorders (F01-F99)	Some Gaps: - No ICD-10 procedures - No HCPCS procedures - No CPT-4 procedures	Limited Results: - No data for Lab Types: - Labs (LOINC): Skin tests - Labs (LOINC): Patient Information - Labs (LOINC): challenge - Labs (LOINC): Human Platelet Antigens - Labs (LOINC): Document ontology - Labs (LOINC): Antibiotic Susceptibilities - Labs (LOINC): Human Neutrophil Antigens - Labs (LOINC): Major histocompatibility complex class I chain-related antigen A (MICA)	
UT HSC San Antonio	University of Texas Health Science Center San Antonio	2005	- Hospital encounters/visits - Clinic encounters/visits - Physician office encounters/visits	1,348,930	Some Gaps: - >= 90 years old - Sex: Ambiguous	None	None	None	None	None	Limited Results - No data for Lab Types: - Labs (LOINC): Skin tests - Labs (LOINC): Radiology - Labs (LOINC): Patient Information - Labs (LOINC): challenge - Labs (LOINC): Human Platelet Antigens - Labs (LOINC): Document ontology - Labs (LOINC): Human Neutrophil Antigens - Labs (LOINC): Major histocompatibility complex class I chain-related antigen A (MICA)
UT Medical Branch**	University of Texas Medical Branch	2013	- Hospital encounters/visits - Clinic encounters/visits	1749504	Some Gaps: - >= 90 years old	None	None	None	None	None	Limited Results - No data for Lab Types: - Labs (LOINC): Skin tests - Labs (LOINC): Radiology - Labs (LOINC): Patient Information - Labs (LOINC): Platelet Antigens - Labs (LOINC): Document ontology - Labs (LOINC): Neutrophil Antigens - Labs (LOINC): Major histocompatibility complex class I chain-related antigen A (MICA)

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UT Southwestern	University of Texas Southwestern Medical Center	1995	- Hospital encounters/visits - Clinic encounters/visits - Physician office encounters/visits	6,681,029	Some Gaps: - Sex: Ambiguous	Some Issues: - If a simple generic code was added to a med mixture, the medication will be mapped. If not, it will not appear (common with chemotherapy and infusions) - If not mapped to same RxNorm used to create the terminology, there will be RxNorm codes that are not in the ACT Terminology	None	Some Gaps: - ACT Hierarchy mixes ICD-9 and ICD-10 under ICD-10 hierarchy; impossible to search for just ICD-10 codes	None	Limited Results
UTHealth	The University of Texas Health Science Center at Houston	2000	- Clinic encounters/visits - Physician office encounters/visits	1,492,872	Some Gaps: - Race: Asian - Race: Native Hawaiian or Other Pacific Islander	None	None	None	Some Gaps: - No ICD-10 procedures - No HCPCS procedures	Limited Results; - No data for Lab Types: - Labs (LOINC): Cell markers - Flow Cytometry - Labs (LOINC): Fertility testing - Labs (LOINC): Human Leukocyte Antigens - Labs (LOINC): Pathology - Labs (LOINC): Cytology - Labs (LOINC): Skin tests - Labs (LOINC): Patient Information - Labs (LOINC): challenge - Labs (LOINC): Human Platelet Antigens - Labs (LOINC): Document ontology - Labs (LOINC): Antibiotic Susceptibilities - Labs (LOINC): Human Neutrophil Antigens - Labs (LOINC): Major histocompatibility complex class I chain-related antigen A (MICA)
Vanderbilt	Vanderbilt University Medical Center	2013	- Hospital encounters/visits - Clinic encounters/visits - Physician office encounters/visits	1,493,927	Some Gaps: - Race: Native Hawaiian or Other Pacific Islander - Sex: Ambiguous - Vital Status: Dead	None	None	None	None	Limited Results
Virginia Commonwealth	Virginia Commonwealth University	2010	- Hospital encounters/visits - Clinic encounters/visits - Physician office encounters/visits	848,047	None	None	None	None	Some Gaps: - No ICD-10 procedures - No HCPCS procedures	Limited Results
Wake Forest**	Wake Forest University	2005	- Hospital encounters/visits - Clinic encounters/visits - Physician office encounters/visits	1,735,042	None	None	None	None	None	Limited Results - No data for Lab Types: - Labs (LOINC): Allergy - Labs (LOINC): Flow Cytometry - Labs (LOINC): Fertility testing - Labs (LOINC): Molecular Pathology - Labs (LOINC): Cytology - Labs (LOINC): Skin tests

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										<ul style="list-style-type: none"> - Labs (LOINC): Radiology - Labs (LOINC): challenge - Labs (LOINC): Document ontology
Wash U St. Louis	Washington University in Saint Louis	2010	- Hospital encounters/visits	2,697,144	None	None	None	None	None	Limited Results
Weill Cornell	Weill Medical College of Cornell University	2010	- Hospital encounters/visits - Clinic encounters/visits - Physician office encounters/visits	2,960,755	Some Gaps: - 0-9 years old - Sex: Ambiguous - Vital Status: Dead	None	Some Gaps: - No ICD-9: Injury and poisoning (800-999.99)	Some Gaps: - Certain conditions originating in the perinatal period (p00-p96) has only 25k records - Congenital malformations, deformations and chromosomal abnormalities (q00-q99) has only 43k records - Pregnancy, childbirth and the puerperium (o00-o99) has 60k records	Some Gaps: - No ICD-9 Procedures: Operations on the eye (08-16.99) - No ICD-9 Procedures: Operations on the ear (18-20.99)	Limited Results - No data for Lab Types: - Labs (LOINC): Fertility testing* - Labs (LOINC): Human Leukocyte Antigens* - Labs (LOINC): Serology* - Labs (LOINC): Cytology* - Labs (LOINC): Skin tests* - Labs (LOINC): Radiology* - Labs (LOINC): Patient Information* - Labs (LOINC): challenge* - Labs (LOINC): Drug doses* - Labs (LOINC): Human Platelet Antigens* - Labs (LOINC): Document ontology* - Labs (LOINC): Antibiotic Susceptibilities* - Labs (LOINC): Human Neutrophil Antigens* - Labs (LOINC): Major histocompatibility complex class I chain-related antigen A (MICA)*

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