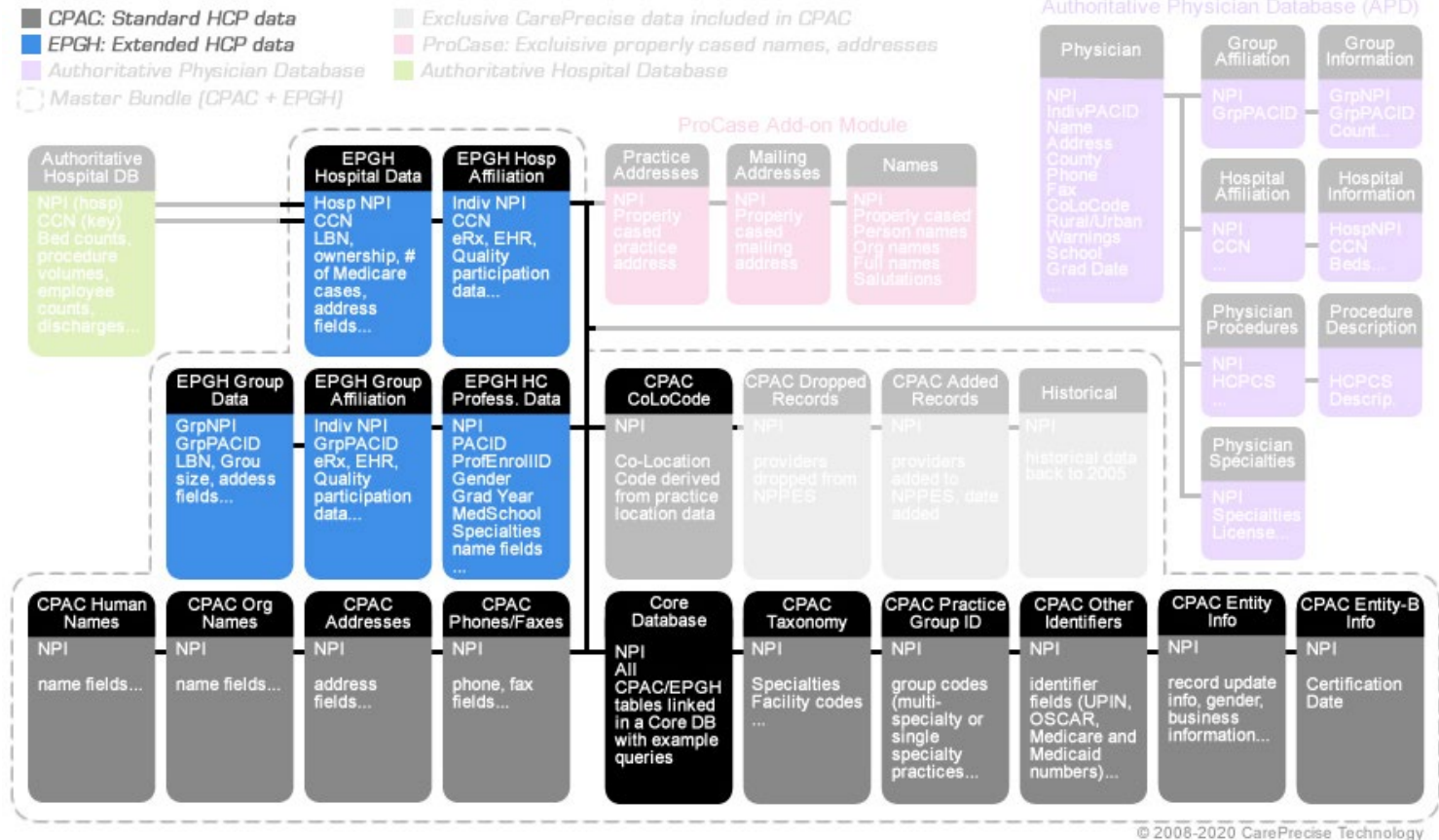


Data Model



CarePrecise Data Tables and Fields

CPAC CarePrecise Access Complete basic provider data

EPGH Extended Professional/Group/Hospital in Master Bundle & Platinum

File Set	Table	Field Name	Description	Additional Information
CPAC (CarePrecise Access Complete)	tAddresses	NPI	National Provider Identifier (unique National Provider Identifier assigned to healthcare providers by the US Department of Health and Human Services)	Relational Key The NPI is a unique 10-digit numerical code assigned to every HIPAA-covered healthcare provider, including individuals and organizations, by the U.S. Department of Human Services, Centers for Medicare and Medicaid Services (CMS).
		Mail1stAddr	Provider First Line Business Mailing Address	
		Mail2ndAddr	Provider Second Line Business Mailing Address	

		MailCity	Provider Business Mailing Address City Name	
		MailState	Provider Business Mailing Address State Code	
		MailZip	Provider Business Mailing Address Postal Code (most are 9-digit Zip Codes)	
		MailCountry	Provider Business Mailing Address Country Code (If outside U.S.)	
		Prac1stAddr	Provider First Line Business Practice Location Address	
		Prac2ndAddr	Provider Second Line Business Practice Location Address	
		PracCity	Provider Business Practice Location Address City Name	
		PracState	Provider Business Practice Location Address State Code	
		PracZip	Provider Business Practice Location Address Postal Code (most are 9-digit Zip Codes)	
		PracCountry	Provider Business Practice Location Address Country Code (If outside U.S.)	
CPAC	tEntity (Provider entity and record information; MDB and CSV formats)	NPI	National Provider Identifier	Relational Key
		EntityType	Entity Type Code	Type 1 indicates an individual provider (i.e., physician, psychologist, etc.); Type 2 indicates an organizational provider (i.e., hospital, lab, pharmacy, etc.). Type1 entities (individuals) may have only one NPI number and so only one record, but Type 2 entities (organizations) may have multiple NPI numbers and thus multiple records. <i>Click here to download the Exclusion Type Code description document...</i>
		ReplacementNPI	Replacement NPI	Not currently populated
		EIN	Employer Identification Number (EIN)	Not currently populated. CMS is not yet providing tax numbers of this type.
		EnumDate	Provider Enumeration Date	Date the record was first added to the NPI registry
		UpdateDate	Last Update Date	Date this provider NPI record was last updated
		DeactReason	NPI Deactivation Reason Code	Not populated because records in the current dataset are not deactivated. Not currently disclosed by CMS.
		DeactDate	NPI Deactivation Date	Not populated because records in this table are not deactivated. This field IS populated in the separate delta table tEntity_DEACT, described below.
		ReactDate	NPI Reactivation Date	Date record was reactivated following a deactivation.
		Gender	Provider Gender Code	M or F for Type 1 providers
		IsSoleProp	Is Sole Proprietor	Y = provider operates as a sole proprietor. No = not a sole proprietorship. X = question not answered by provider.
		IsOrgSubpart	Is Organization Subpart	For Type 2 providers, may be one of several organizational units, each with its own NPI number. Y = provider is a subpart. No = not a subpart. X = question not answered.

ParentOrgTIN	Parent Organization TIN	Not currently populated. CMS is not currently providing tax numbers at this time.
InPECOS	From monthly CMS PECOS distributions of PECOS-enrolled providers. Source: PECOS Ordering and Referring Report file distribution.	Y = Physicians and non-physician practitioners who are of a type/specialty that is legally eligible to order and refer in the Medicare program and who have current enrollment records in Medicare (i.e., they have enrollment records in PECOS)
Warning	From the Office of Inspector General's excluded providers database (LEIE), indicating a sanction prevents the provider from billing Medicare. A warning in this field should not be taken as definitive; the user should check the tExcluded table and consider other sources of provider fraud and exclusion information. Up until the May 2017 release, this field was algorithmically derived for some records. *	Y= elements in the providers record indicated a match with a listing in the federal excluded providers database (see the table tExcluded below)
ExclType	The exclusion type from the LEIE database, explaining the reason that a provider was barred from billing Medicare. Fields with a Y in the Warning field will display this code.	The code's definition can be found at this link . A CSV file listing these exclusion descriptions is included in the CarePrecise Access Complete CSV download file.
ExclDate	The date of the exclusion from the LEIE database, where reported.	
UPIN	UPIN is a deprecated identifier, no longer used. CMS has stopped disseminating this data. The field remains here for purposes of backward-compatibility.	
Group	From NPPES group taxonomy data	Y= this provider reported that it operates as either a multi-specialty group or single-specialty group.
County		Name of county primarily associated with the practice Zip Code
CountyFIPS		Practice county FIPS code
StateFIPS		Practice state FIPS code
TimeZone		Practice time zone
DLSTime		Daylight saving time; Y= Yes
MSA	Metropolitan Statistical Area of practice location	
PMSA	Primary Metropolitan Statistical Area of practice location	
Population		Zip Code population
Zip5		First five digits of practice address Zip Code

CPAC	tEntity-B (Provider entity and record information; MDB and CSV formats)	NPI	National Provider Identifier	Relational Key												
		CertDate	Date of certification of provider's NPI number	New field added with December 9, 2019 data release, refers to the date the NPI record was officially certified.												
		EstPracYears	Estimated years provider has been in practice	Algorithmically derived* from EPGH tExtendedPhysician.GradYear and/or CPAC tEntity.EnumDate 2009 forward.												
CPAC	tHumanNames (Provider person names or contact person names; MDB and CSV formats)	NPI	National Provider Identifier	Relational Key												
		LN	Provider Last Name (Legal Name)	The enumerated individual provider's name (for Entity Type 1 records)												
		FN	Provider First Name													
		MN	Provider Middle Name													
		PN	Provider Name Prefix Text													
		SN	Provider Name Suffix Text													
		Cred	Provider Credential Text													
		OthLN	Provider Other Last Name	Other name Type Codes:												
		OthFN	Provider Other First Name	<table border="1"><thead><tr><th>Code</th><th>Description</th><th>EntityType</th></tr></thead><tbody><tr><td>1</td><td>Former Name</td><td>1</td></tr><tr><td>2</td><td>Professional Name</td><td>1</td></tr><tr><td>5</td><td>Other</td><td>1, 2</td></tr></tbody></table>	Code	Description	EntityType	1	Former Name	1	2	Professional Name	1	5	Other	1, 2
		Code	Description	EntityType												
		1	Former Name	1												
		2	Professional Name	1												
		5	Other	1, 2												
		OthMN	Provider Other Middle Name													
		OthPN	Provider Other Name Prefix Text													
		OthSN	Provider Other Name Suffix Text													
		OthCred	Provider Other Credential Text													
		OthLNType	Provider Other Last Name Type Code													
		AuthLN	Authorized Official Last Name (Contact person for a Type 2 organization record)	Name of the provider's authorizing official, if other than the listed individual provider. For organizations (Entity Type 2 records), this is the contact name.												
AuthFN	Authorized Official First Name															
AuthMN	Authorized Official Middle Name															
AuthTitle	Authorized Official Title or Position															
AuthPN	Authorized Official Name Prefix Text															
AuthSN	Authorized Official Name Suffix Text															
AuthCred	Authorized Official Credential Text															
CPAC	tOID (Other identifiers, such as UPIN, OSCAR, PIN, Medicaid, etc., excluding NPI and taxonomy codes; MDB and CSV formats) One-to-many table.	NPI	National Provider Identifier		Relational Key											
		OtherID	Other Provider Identifier		Identifier relevant to external data											
		OtherIDType	Other Provider Identifier Type Code	<table border="1"><thead><tr><th>Description</th><th>OtherIDType</th></tr></thead><tbody><tr><td>Other</td><td>01</td></tr><tr><td>Medicaid</td><td>05</td></tr></tbody></table>	Description	OtherIDType	Other	01	Medicaid	05						
Description		OtherIDType														
Other		01														
Medicaid		05														
	OtherIDState	Other Provider Identifier State	In the case of a state license code, this is the licensing state													
	OtherIDIssuer	Other Provider Identifier Issuer														
	OIDnum	Source: Added by CarePrecise to indicate the original NPPES flat file Other Identifiers field number.	The number of the NPPES Other Identifier field (1 through 50)													
CPAC	tOrgNames (Provider organization names for Type 2 providers; MDB and CSV formats)	NPI	National Provider Identifier	Relational Key												
		OrgName_LBN	Provider Organization Name (Legal Business Name)	LBN (for Entity Type 2 records)												
		OthOrgName	Provider Other Organization Name	Other												
		OthOrgNameType	Provider Other Organization Name Type Code	<table border="1"><thead><tr><th>Code</th><th>Description</th><th>EntityType</th></tr></thead><tbody><tr><td>3</td><td>DBA</td><td>2</td></tr><tr><td>4</td><td>Former LBN</td><td>2</td></tr><tr><td>5</td><td>Other</td><td>1, 2</td></tr></tbody></table>	Code	Description	EntityType	3	DBA	2	4	Former LBN	2	5	Other	1, 2
		Code	Description	EntityType												
3	DBA	2														
4	Former LBN	2														
5	Other	1, 2														
ParentOrgLBN	Parent Organization LBN															

CPAC	tPhoneFax (Provider phone and fax numbers; fax numbers for approx. 65% of records; MDB and CSV formats)	NPI	National Provider Identifier	Relational Key
		MailPhone	Provider Business Mailing Address Telephone Number	
		MailFax	Provider Business Mailing Address Fax Number	
		PracPhone	Provider Business Practice Location Address Telephone Number	
		PracFax	Provider Business Practice Location Address Fax Number	
		AuthPhone	Authorized Official Telephone Number	
CPAC	tTaxo (Provider Taxonomy codes indicating specialties and subspecialties for Type 1/individual providers, and facility types for Type 2/organization providers; MDB and CSV formats). One-to-many table.	NPI	National Provider Identifier	Relational Key
		Taxo	Healthcare Provider Taxonomy Code (Specialties and Facility Types)	Providers may have multiple taxonomies reported here, and thus multiple records in this one-to-many table. The Taxonomy Code indicates the provider's specialty; i.e., Pediatrician, Optometrist, etc.; or facility type; i.e., Hospital, Clinic, Nursing Facility, etc.
		Lic	Provider License Number	For Type 2 (organization) providers, License is no longer collected as of 9/10/2018.
		LicState	Provider License Number State Code	For Type 2 (organization) providers, License is no longer collected as of 9/10/2018.
		TaxoSwitch	Healthcare Provider Primary Taxonomy Switch (Primary specialty indicator)	"Y" means this is the provider's primary specialty or facility code.
		Tnum	Source: Added by CarePrecise to indicate the original NPPES flat file Taxonomy Code (specialty) field number.	The number of the NPPES taxonomy field (1 through 15). If a primary taxonomy is not indicated, it may be useful to assume that the first-listed code (1) is primary.
		TaxoDescr	Taxonomy code description (the specialty/subspecialty in English)	
CPAC	tTaxoGroups (Provider Taxonomy codes indicating group practices; MDB and CSV formats). One-to-many table.	NPI	National Provider Identifier	Relational Key
		Gnum	The source data (NPPES) permits group codes to be reported in up to 15 fields in this section. CarePrecise creates a one-to-many table, listing each of a provider's reported taxonomy group codes in a separate record. The Gnum is the NPPES Group Taxonomy field number in which the code was reported, allowing the code be matched with the specific group specialty in the tTaxo table. For instance, a code in tTaxoGroup field Gnum 3 indicates a group practice of the specialty reported in Tnum 3 in the tTaxo table.	CMS does not report the group codes in the taxonomy section (which appear in our tTaxo table) because they represent an additional layer of information on any one or more of the tTaxo codes.
		TaxoGroup	Healthcare Provider Taxonomy Group_[1 through 15]	193200000X for a multi-specialty practice 193400000X for a single-specialty practice
CPAC	tCoLoCode	NPI	National Provider Identifier	Relational Key (composite)

(MDB and CSV formats)	<p>CoLoCode™</p>	<p>Provider CoLoCode™ (co-location code, a CarePrecise algorithmically derived* exclusive). The NPI and CoLoCode comprise the dual relational key for this table. The NPI identifies the provider record, and the CoLoCode identifies the physical location. The CoLoCode is an up to 40-character string that stands in for detailed location data, and is not intended to be sensical to the human viewer.</p>	<p>Relational Key (composite)</p> <p>This code is an algorithmically derived conformation of the provider's practice location, permitting identification of providers who practice at the same location, for instance, physician groups, dental groups, radiology groups, etc. By using this table in conjunction with the tTaxoGroups table, it is possible to visualize the group entity (generally an organization) and its provider members. CoLoCodes are created for Practice addresses in the United States (US) and US Minor Islands (UM).</p>
	Count	Count of providers matching this co-location (algorithmically derived * conformation of the provider's practice location; see tCoLoCodes above). Indicates the number of providers practicing at this location.	

Additional Data Included with **Extended Professional, Group and Hospital (EPGH)/CPAC Master Bundle** and **CarePrecise Platinum** . Data is sourced from PECOS, Physician Compare, Hospital Compare and other CMS data, and is updated monthly. Provider records are a subset of the CPAC records containing clinicians who are actively seeing patients and have been actively billing Medicare in the past 12-month moving window. The EPGH is not sold separately, and is available only as a bundle. No time stamp is provided for EPGH updates, and no historical data is included.

EPGH	<p>tExtended_Professional (The EPGH is available optionally as a bundle with CarePrecise Access Complete (CPAC) that provides additional information on healthcare professionals (particularly physicians), practice groups and hospitals, and reveals the affiliation links between all three. MDB and CSV formats.)</p> <p>Only active providers (defined as having appeared on a Medicare claim in the past twelve months) are included in the EPGH dataset (unlike the CPAC dataset, which includes all US HIPAA-covered providers). EPGH data is available for approximately 615,000 physicians, and 300,000 other professionals, and is growing. The hospital data in EPGH provides an unduplicated listing of hospitals and their highest priority NPI number, and is linked to each hospital's affiliated professionals/physicians and practice groups. EPGH practice group data makes it possible to see the multiple locations at which an individual provider practices.</p>	NPI	National Provider Identifier of Individual Professional	<p>Relational Key (composite and to CPAC)</p> <p>Link to professional's data in the CPAC databases above. This ID is unique per professional (physician, PA, etc.).</p>
		PACID	Individual's unique PAC ID (Practice Access Code). Unique individual professional ID assigned by Medicare PECOS system	<p>Relational Key (composite)</p> <p>Link to practice group affiliations through the tExtended_GroupProfessional table, and is a link to upcoming practice group quality data.</p>
		ProfEnrollID	Professional Enrollment ID	<p>Relational Key (composite)</p> <p>Unique ID for the individual professional enrollment that is the source for the data in the record. One professional may have multiple records in this table as a result of multiple PECOS enrollments, each of which may have its own hospital and practice group affiliations.</p>
		LN	Last Name	In most cases the name fields here will be duplicative of the fields in tHumanNames, but these are sourced from the PECOS system rather than
		FN	First Name	
		MN	Middle Name	

		Suffix	Name Suffix (Jr, III, etc.)	the NPPES.
		Gender	M (male) or F (female)	
		Cred	Credential	Medical credential such as MD, DO, DPM, etc.
		School	Professional's medical school	
		GradYear	Professional's medical school graduation year	
		PriSpec	Primary medical specialty reported by the individual professional in this PECOS enrollment record	
		AllSecSpec	All four secondary specialties reported by the individual professional in this PECOS enrollment record, separated by commas	
EPGH	tExtended_Group (Extended Practice Group information; MDB and CSV formats)	GroupPracPACID	Unique Group Practice PAC ID (Practice Access Code) assigned by PECOS to the Group Practice	Relational Key Links Group and Individual records within Extended tables. This ID is unique to each practice group. This key will link to group practice quality data soon to be released.
		NPI	National Provider Identifier of the Practice Group	Relational Key (to CPAC) Links practice groups in Extended tables to CPAC data above. Algorithmically derived * ; not available for all group records. Use the GroupPracPACID to link individuals with their groups through the tExtended_GroupProfessional table.
		OrgLBN	Legal name of the Group Practice	
		CountGroupPracMem	Number of Individual Professionals affiliated with Group Practice	This count is limited to individuals within the Extended domain; others may be found within the standard CPAC tables via CoLoCode.
		StreetAddr1	Group Practice line 1 address	
		StreetAddr2	Group Practice line 2 address	
		Line2Suppress	Marker that address as reported may be incomplete	A peculiarity of the federal source data.
		City	Group Practice city	
		State	Group Practice state	
		Zip	Group Practice zip code (9 digits when available)	
		CoLoCode	Derived algorithmically * based on location data	May be used to identify additional affiliated individuals within the NPPES data above. See description of CoLoCode in the CPAC table tCoLoCode above.
EPGH	tExtended_GroupProfessional (Many-to-Many table linking group practices with individual professionals. One or more individuals per group, and may be one or more groups per individual. Extended information on group	NPI	National Provider Identifier of the Individual Professional.	Relational Key (composite and to CPAC) Link to individual's data in CPAC tables above and in tExtended_Professional table. This ID is unique to the individual professional.
		GroupPracPACID	Unique Group Practice PAC ID (Practice Access Code) assigned by PECOS to the	Relational Key (composite)

	practices' individual providers, incl. whether accepts Medicare assignment, participates in various federal medical quality programs. MDB and CSV formats). Many-to-many table.		Group Practice that the individual professional works with.	Link between practice groups and their members in the tExtended_Professional table. This ID is unique to the practice group.
		AcceptsMedicareAsmt	Y = Accepts Medicare approved amount as payment in full. M = May accept Medicare Assignment.	All providers in this table are enrolled to bill Medicare, and have done so within the past 9 months, but may not still be accepting new Medicare patients, and may not accept Medicare amount as payment in full.
		eRx	Participates in the eRx Incentive Program, a pay-for-reporting program to encourage physicians, other providers to use electronic prescribing of medications.	
		PQRS	Participates in the Medicare Physician Quality Reporting System (PQRS) Incentive Program - a pay-for-reporting program that gives eligible professionals incentives and payment adjustments if they report quality measures satisfactorily.	Quality data on individual professionals is not yet available in this product, but using the relational keys in this table, you will be able to access it when it is released.
		EHR	Participates in the Medicare Electronic Health Record (EHR) Incentive Program - provides incentives and payment adjustments to eligible professionals who use certified EHR technology in ways that may improve healthcare.	Y in this field means provider is participating in federal EHR incentive program, though may use an EHR system even if not affirmative in this field.
EPGH	tExtended_Hospital (Extended information on all U.S. acute care, VA and children's hospitals. Data provides a single unique NPI number per hospital facilitating deduplication of hospital record. MDB and CSV formats)	CCN	Medicare Hospital Provider Number (CMS Certification Number assigned by CMS)	<p>Relational Key</p> <p>Link between hospitals and their affiliated individual physicians, etc. This ID is unique to each hospital recognized in the CMS PECOS system. If a hospital is eligible to bill Medicare (whether or not sanctioned), and is a general hospital (Acute Care, VA, Critical Access or Children's hospital), it is in this table.</p> <p>This key links to the exhaustive federal hospital quality data, optionally available for download at no cost to EPGH users.</p>
		NPI	Priority National Provider Identifier.	<p>Relational Key (to CPAC)</p> <p>Link to one of the hospital's records in CPAC tables above. Hospitals may have as many NPI numbers as they believe they need for their particular business circumstances, and tend to have many. We have listed here the Priority NPI, based on the hierarchical Taxonomy coding system, selecting first the NPI of the record containing the top (parent) taxonomy code for the hospital type, and, if not present, the NPI from the first-listed record for the hospital. Algorithmically derived * ; not available for all hospital records.</p>
		HospitalName	Hospital name as reported by the hospital in its NPPES record	From the PECOS database
		HospitalLBN	Hospital legal business name as listed in	From the Hospital Compare database

			hospital quality data	
		Address1	Hospital line 1 address	
		Address2	Hospital line 2 address	
		City	Hospital City	
		State	Hospital State	
		Zip Code	Hospital Zip Code	
		County	Hospital County	
		Phone	Phone	
		HospitalType	Hospital Type, as recorded in hospital quality data	
		HospitalOwnership	Hospital ownership structure	
		EmergencyService	Y= Hospital has emergency service	
		CoLoCode	Derived algorithmically * based on location data	May be used to identify additional data within NPPES tables above. See description of CoLoCode in the CPAC table tCoLoCode above.
EPGH	tExtended_HospAff (1-to-Many table linking Hospitals with physicians and other providers; up to five hospitals per individual; MDB and CSV formats.) Many-to-many table.	HospAffCCN	Medicare CCN (CMS Certification Number assigned by CMS) of hospital where individual professional provides service	Relational Key (composite) Link to hospital details in tExtended_Hospital via CCN, and to the CarePrecise Authoritative Hospital Database (APD)
		NPI	Unique professional ID assigned by NPPES to Individual Professional affiliated with hospital	Relational Key (composite) Link to Individual Professionals affiliated with hospital
		HospAffLBN	Legal business name of hospital where individual professional provides service	From the Hospital Compare database

* Marked above by an asterisk, algorithmically derived data in the datasets includes data that is extracted/mined from the source databases, but which has a margin of error and should not be relied upon as conclusive. Record linking algorithms are used to enrich our data when direct correlation (via a unique identifier field) is not available, using available information in name, address, phone, taxonomy, and other fields. In particular, some of the older data on providers excluded from billing Medicare (from the HHS Office of Inspector General's excluded providers database) can only be linked to NPI records by this means. Please note that when matches are found, there may be instances where an individual or firm has the same or similar name and location information as an excluded provider but is actually a different party. Therefore, it is important that you verify a potential match with the debaring agency identified in the record information. See the disclaimer appearing at the bottom of the [documentation page](#).

Not all fields in all records are populated with data. Healthcare providers may update data in their record using the federal NPI registry website, and are required to do so within 30 days of a change in their information.

CarePrecise LLC reserves the right to make changes in the data and data structure as it deems necessary to preserve the quality of the product. Please read the Notice at the bottom of the page <https://www.careprecise.com/help/> for additional information about the data.