Table PERSON {

 person\_id int [pk]

 gender\_concept\_id int [ref: > CONCEPT.concept\_id]

 year\_of\_birth int

 month\_of\_birth int

 day\_of\_birth int

 birth\_datetime timestamp

 race\_concept\_id int [ref: > CONCEPT.concept\_id]

 ethnicity\_concept\_id int [ref: > CONCEPT.concept\_id]

 location\_id int [ref: > LOCATION.location\_id]

 provider\_id int [ref: > PROVIDER.provider\_id]

 care\_site\_id int [ref: > CARE\_SITE.care\_site\_id]

 person\_source\_value varchar(50)

 gender\_source\_value varchar(50)

 gender\_source\_concept\_id int [ref: > CONCEPT.concept\_id]

 race\_source\_value varchar(50)

 race\_source\_concept\_id int [ref: > CONCEPT.concept\_id]

 ethnicity\_source\_value varchar(50)

 ethnicity\_source\_concept\_id int [ref: > CONCEPT.concept\_id]

 Indexes {

 (person\_id) [name:'idx\_person\_id']

 (gender\_concept\_id) [name:'idx\_gender']

 }

}

Table OBSERVATION\_PERIOD {

 observation\_period\_id int [pk]

 person\_id int [ref: > PERSON.person\_id]

 observation\_period\_start\_date date

 observation\_period\_end\_date date

 period\_type\_concept\_id int [ref: > CONCEPT.concept\_id]

 Indexes {

 (person\_id) [name:'idx\_observation\_period\_id\_1']

 }

}

Table VISIT\_OCCURRENCE {

 visit\_occurrence\_id int [pk]

 person\_id int [ref: > PERSON.person\_id]

 visit\_concept\_id int [ref: > CONCEPT.concept\_id]

 visit\_start\_date date

 visit\_start\_datetime timestamp

 visit\_end\_date date

 visit\_end\_datetime timestamp

 visit\_type\_concept\_id int [ref: > CONCEPT.concept\_id]

 provider\_id int [ref: > PROVIDER.provider\_id]

 care\_site\_id int [ref: > CARE\_SITE.care\_site\_id]

 visit\_source\_value varchar(50)

 visit\_source\_concept\_id int [ref: > CONCEPT.concept\_id]

 admitting\_source\_concept\_id int [ref: > CONCEPT.concept\_id]

 admitting\_source\_value varchar(50)

 discharge\_to\_concept\_id int [ref: > CONCEPT.concept\_id]

 discharge\_to\_source\_value varchar(50)

 preceding\_visit\_occurrence\_id int [ref: > VISIT\_OCCURRENCE.visit\_occurrence\_id]

 Indexes {

 (person\_id) [name:'idx\_visit\_person\_id\_1']

 (visit\_concept\_id) [name:'idx\_visit\_concept\_id\_id\_1']

 }

}

Table VISIT\_DETAIL {

 visit\_detail\_id int [pk]

 person\_id int [ref: > PERSON.person\_id]

 visit\_detail\_concept\_id int [ref: > CONCEPT.concept\_id]

 visit\_detail\_start\_date date

 visit\_detail\_start\_datetime timestamp

 visit\_detail\_end\_date date

 visit\_detail\_end\_datetime timestamp

 visit\_detail\_type\_concept\_id int [ref: > CONCEPT.concept\_id]

 provider\_id int [ref: > PROVIDER.provider\_id]

 care\_site\_id int [ref: > CARE\_SITE.care\_site\_id]

 visit\_detail\_source\_value varchar(50)

 visit\_detail\_source\_concept\_id int [ref: > CONCEPT.concept\_id]

 admitting\_source\_value Varchar(50)

 admitting\_source\_concept\_id int [ref: > CONCEPT.concept\_id]

 discharge\_to\_source\_value Varchar(50)

 discharge\_to\_concept\_id int [ref: > CONCEPT.concept\_id]

 preceding\_visit\_detail\_id int [ref: > VISIT\_DETAIL.visit\_detail\_id]

 visit\_detail\_parent\_id int [ref: > VISIT\_DETAIL.visit\_detail\_id]

 visit\_occurrence\_id int [ref: > VISIT\_OCCURRENCE.visit\_occurrence\_id]

 Indexes {

 (person\_id) [name:'idx\_visit\_det\_person\_id\_1']

 (visit\_detail\_concept\_id) [name:'idx\_visit\_det\_concept\_id\_id\_1']

 (visit\_occurrence\_id) [name:'idx\_visit\_det\_occ\_id\_id\_1']

 }

}

Table CONDITION\_OCCURRENCE {

 condition\_occurrence\_id int [pk]

 person\_id int [ref: > PERSON.person\_id]

 condition\_concept\_id int [ref: > CONCEPT.concept\_id]

 condition\_start\_date date

 condition\_start\_datetime timestamp

 condition\_end\_date date

 condition\_end\_datetime timestamp

 condition\_type\_concept\_id int [ref: > CONCEPT.concept\_id]

 condition\_status\_concept\_id int [ref: > CONCEPT.concept\_id]

 stop\_reason varchar(20)

 provider\_id int [ref: > PROVIDER.provider\_id]

 visit\_occurrence\_id int [ref: > VISIT\_OCCURRENCE.visit\_occurrence\_id]

 visit\_detail\_id int [ref: > VISIT\_DETAIL.visit\_detail\_id]

 condition\_source\_value varchar(50)

 condition\_source\_concept\_id int [ref: > CONCEPT.concept\_id]

 condition\_status\_source\_value varchar(50)

 Indexes {

 (person\_id) [name:'idx\_condition\_person\_id\_1']

 (condition\_concept\_id) [name:'idx\_condition\_concept\_id\_id\_1']

 (visit\_occurrence\_id) [name:'idx\_condition\_visit\_id\_1']

 }

}

Table DRUG\_EXPOSURE {

 drug\_exposure\_id int [pk]

 person\_id int [ref: > PERSON.person\_id]

 drug\_concept\_id int [ref: > CONCEPT.concept\_id]

 drug\_exposure\_start\_date date

 drug\_exposure\_start\_datetime timestamp

 drug\_exposure\_end\_date date

 drug\_exposure\_end\_datetime timestamp

 verbatim\_end\_date date

 drug\_type\_concept\_id int [ref: > CONCEPT.concept\_id]

 stop\_reason varchar(20)

 refills int

 quantity numeric

 days\_supply int

 sig text

 route\_concept\_id int [ref: > CONCEPT.concept\_id]

 lot\_number varchar(50)

 provider\_id int [ref: > PROVIDER.provider\_id]

 visit\_occurrence\_id int [ref: > VISIT\_OCCURRENCE.visit\_occurrence\_id]

 visit\_detail\_id int [ref: > VISIT\_DETAIL.visit\_detail\_id]

 drug\_source\_value varchar(50)

 drug\_source\_concept\_id int [ref: > CONCEPT.concept\_id]

 route\_source\_value varchar(50)

 dose\_unit\_source\_value varchar(50)

 Indexes {

 (person\_id) [name:'idx\_drug\_person\_id\_1']

 (drug\_concept\_id) [name:'idx\_drug\_concept\_id\_1']

 (visit\_occurrence\_id) [name:'idx\_drug\_visit\_id\_1']

 }

}

Table PROCEDURE\_OCCURRENCE {

 procedure\_occurrence\_id int [pk]

 person\_id int [ref: > PERSON.person\_id]

 procedure\_concept\_id int [ref: > CONCEPT.concept\_id]

 procedure\_date date

 procedure\_datetime timestamp

 procedure\_type\_concept\_id int

 modifier\_concept\_id int [ref: > CONCEPT.concept\_id]

 quantity int

 provider\_id int [ref: > PROVIDER.provider\_id]

 visit\_occurrence\_id int [ref: > VISIT\_OCCURRENCE.visit\_occurrence\_id]

 visit\_detail\_id int [ref: > VISIT\_DETAIL.visit\_detail\_id]

 procedure\_source\_value varchar(50)

 procedure\_source\_concept\_id int [ref: > CONCEPT.concept\_id]

 modifier\_source\_value varchar(50)

 Indexes {

 (person\_id) [name:'idx\_procedure\_person\_id\_1']

 (procedure\_concept\_id ) [name:'idx\_procedure\_concept\_id\_1']

 (visit\_occurrence\_id) [name:'idx\_procedure\_visit\_id\_1']

 }

}

Table DEVICE\_EXPOSURE {

 device\_exposure\_id int [pk]

 person\_id int [ref: > PERSON.person\_id]

 device\_concept\_id int [ref: > CONCEPT.concept\_id]

 device\_exposure\_start\_date date

 device\_exposure\_start\_datetime timestamp

 device\_exposure\_end\_date date

 device\_exposure\_end\_datetime timestamp

 device\_type\_concept\_id int [ref: > CONCEPT.concept\_id]

 unique\_device\_id varchar(50)

 quantity int

 provider\_id int [ref: > PROVIDER.provider\_id]

 visit\_occurrence\_id int [ref: > VISIT\_OCCURRENCE.visit\_occurrence\_id]

 visit\_detail\_id int [ref: > VISIT\_DETAIL.visit\_detail\_id]

 device\_source\_value varchar(50)

 device\_source\_concept\_id int [ref: > CONCEPT.concept\_id]

 Indexes {

 (person\_id) [name:'idx\_device\_person\_id\_1']

 (device\_concept\_id) [name:'idx\_device\_concept\_id\_1']

 (visit\_occurrence\_id) [name:'idx\_device\_visit\_id\_1']

 }

}

Table MEASUREMENT {

 measurement\_id int [pk]

 person\_id int [ref: > PERSON.person\_id]

 measurement\_concept\_id int [ref: > CONCEPT.concept\_id]

 measurement\_date date

 measurement\_datetime timestamp

 measurement\_time varchar(10)

 measurement\_type\_concept\_id int [ref: > CONCEPT.concept\_id]

 operator\_concept\_id int [ref: > CONCEPT.concept\_id]

 value\_as\_number numeric

 value\_as\_concept\_id int [ref: > CONCEPT.concept\_id]

 unit\_concept\_id int [ref: > CONCEPT.concept\_id]

 range\_low numeric

 range\_high numeric

 provider\_id int [ref: > PROVIDER.provider\_id]

 visit\_occurrence\_id int [ref: > VISIT\_OCCURRENCE.visit\_occurrence\_id]

 visit\_detail\_id int [ref: > VISIT\_DETAIL.visit\_detail\_id]

 measurement\_source\_value varchar(50)

 measurement\_source\_concept\_id int [ref: > CONCEPT.concept\_id]

 unit\_source\_value varchar(50)

 value\_source\_value varchar(50)

 Indexes {

 (person\_id) [name:'idx\_measurement\_person\_id\_1']

 (measurement\_concept\_id) [name:'idx\_measurement\_concept\_id\_1']

 (visit\_occurrence\_id) [name:'idx\_measurement\_visit\_id\_1']

 }

}

Table OBSERVATION {

 observation\_id int [pk]

 person\_id int [ref: > PERSON.person\_id]

 observation\_concept\_id int [ref: > CONCEPT.concept\_id]

 observation\_date date

 observation\_datetime timestamp

 observation\_type\_concept\_id int [ref: > CONCEPT.concept\_id]

 value\_as\_number numeric

 value\_as\_string varchar(60)

 value\_as\_concept\_id int [ref: > CONCEPT.concept\_id]

 qualifier\_concept\_id int [ref: > CONCEPT.concept\_id]

 unit\_concept\_id int [ref: > CONCEPT.concept\_id]

 provider\_id int [ref: > PROVIDER.provider\_id]

 visit\_occurrence\_id int [ref: > VISIT\_OCCURRENCE.visit\_occurrence\_id]

 visit\_detail\_id int [ref: > VISIT\_DETAIL.visit\_detail\_id]

 observation\_source\_value varchar(50)

 observation\_source\_concept\_id int [ref: > CONCEPT.concept\_id]

 unit\_source\_value varchar(50)

 qualifier\_source\_value varchar(50)

 Indexes {

 (person\_id) [name:'idx\_observation\_person\_id\_1']

 (observation\_concept\_id) [name:'idx\_observation\_concept\_id\_1']

 (visit\_occurrence\_id) [name:'idx\_observation\_visit\_id\_1']

 }

}

Table DEATH {

 person\_id int [ref: > PERSON.person\_id]

 death\_date date

 death\_datetime timestamp

 death\_type\_concept\_id int [ref: > CONCEPT.concept\_id]

 cause\_concept\_id int [ref: > CONCEPT.concept\_id]

 cause\_source\_value varchar(50)

 cause\_source\_concept\_id int [ref: > CONCEPT.concept\_id]

 Indexes {

 (person\_id) [name:'idx\_death\_person\_id\_1']

 }

}

Table NOTE {

 note\_id int [pk]

 person\_id int [ref: > PERSON.person\_id]

 note\_date date

 note\_datetime timestamp

 note\_type\_concept\_id int [ref: > CONCEPT.concept\_id]

 note\_class\_concept\_id int [ref: > CONCEPT.concept\_id]

 note\_title varchar(250)

 note\_text text

 encoding\_concept\_id int [ref: > CONCEPT.concept\_id]

 language\_concept\_id int [ref: > CONCEPT.concept\_id]

 provider\_id int [ref: > PROVIDER.provider\_id]

 visit\_occurrence\_id int [ref: > VISIT\_OCCURRENCE.visit\_occurrence\_id]

 visit\_detail\_id int [ref: > VISIT\_DETAIL.visit\_detail\_id]

 note\_source\_value varchar(50)

 Indexes {

 (person\_id) [name:'idx\_note\_person\_id\_1']

 (note\_type\_concept\_id) [name:'idx\_note\_concept\_id\_1']

 (visit\_occurrence\_id) [name:'idx\_note\_visit\_id\_1']

 }

}

Table NOTE\_NLP {

 note\_nlp\_id int [pk]

 note\_id int [ref: > NOTE.note\_id]

 section\_concept\_id int [ref: > CONCEPT.concept\_id]

 snippet varchar(250)

 "offset" varchar(50)

 lexical\_variant varchar(250)

 note\_nlp\_concept\_id int [ref: > CONCEPT.concept\_id]

 note\_nlp\_source\_concept\_id int [ref: > CONCEPT.concept\_id]

 nlp\_system varchar(250)

 nlp\_date date

 nlp\_datetime timestamp

 term\_exists varchar(1)

 term\_temporal varchar(50)

 term\_modifiers varchar(2000)

 Indexes {

 (note\_id) [name:'idx\_note\_nlp\_note\_id\_1']

 (note\_nlp\_concept\_id) [name:'idx\_note\_nlp\_concept\_id\_1']

 }

}

Table SPECIMEN {

 specimen\_id int [pk]

 person\_id int [ref: > PERSON.person\_id]

 specimen\_concept\_id int [ref: > CONCEPT.concept\_id]

 specimen\_type\_concept\_id int [ref: > CONCEPT.concept\_id]

 specimen\_date date

 specimen\_datetime timestamp

 quantity numeric

 unit\_concept\_id int [ref: > CONCEPT.concept\_id]

 anatomic\_site\_concept\_id int [ref: > CONCEPT.concept\_id]

 disease\_status\_concept\_id int [ref: > CONCEPT.concept\_id]

 specimen\_source\_id varchar(50)

 specimen\_source\_value varchar(50)

 unit\_source\_value varchar(50)

 anatomic\_site\_source\_value varchar(50)

 disease\_status\_source\_value varchar(50)

 Indexes {

 (person\_id) [name:'idx\_specimen\_person\_id\_1']

 (specimen\_concept\_id) [name:'idx\_specimen\_concept\_id\_1']

 }

}

Table FACT\_RELATIONSHIP {

 domain\_concept\_id\_1 int [ref: > CONCEPT.concept\_id]

 fact\_id\_1 int

 domain\_concept\_id\_2 int [ref: > CONCEPT.concept\_id]

 fact\_id\_2 int

 relationship\_concept\_id int

 Indexes {

 (domain\_concept\_id\_1) [name:'idx\_fact\_relationship\_id1']

 (domain\_concept\_id\_2) [name:'idx\_fact\_relationship\_id2']

 (relationship\_concept\_id) [name:'idx\_fact\_relationship\_id3']

 }

}

Table LOCATION {

 location\_id int [pk]

 address\_1 varchar(50)

 address\_2 varchar(50)

 city varchar(50)

 state varchar(2)

 zip varchar(9)

 county varchar(20)

 location\_source\_value varchar(50)

 Indexes {

 (location\_id) [name:'idx\_location\_id\_1']

 }

}

Table CARE\_SITE {

 care\_site\_id int [pk]

 care\_site\_name varchar(255)

 place\_of\_service\_concept\_id int [ref: > CONCEPT.concept\_id]

 location\_id int [ref: > LOCATION.location\_id]

 care\_site\_source\_value varchar(50)

 place\_of\_service\_source\_value varchar(50)

 Indexes {

 (care\_site\_id) [name:'idx\_care\_site\_id\_1']

 }

}

Table PROVIDER {

 provider\_id int [pk]

 provider\_name varchar(255)

 npi varchar(20)

 dea varchar(20)

 specialty\_concept\_id int [ref: > CONCEPT.concept\_id]

 care\_site\_id int [ref: > CARE\_SITE.care\_site\_id]

 year\_of\_birth int

 gender\_concept\_id int [ref: > CONCEPT.concept\_id]

 provider\_source\_value varchar(50)

 specialty\_source\_value varchar(50)

 specialty\_source\_concept\_id int [ref: > CONCEPT.concept\_id]

 gender\_source\_value varchar(50)

 gender\_source\_concept\_id int [ref: > CONCEPT.concept\_id]

 Indexes {

 (provider\_id) [name:'idx\_provider\_id\_1']

 }

}

Table PAYER\_PLAN\_PERIOD {

 payer\_plan\_period\_id int [pk]

 person\_id int [ref: > PERSON.person\_id]

 payer\_plan\_period\_start\_date date

 payer\_plan\_period\_end\_date date

 payer\_concept\_id int [ref: > CONCEPT.concept\_id]

 payer\_source\_value varchar(50)

 payer\_source\_concept\_id int

 plan\_concept\_id int [ref: > CONCEPT.concept\_id]

 plan\_source\_value varchar(50)

 plan\_source\_concept\_id int

 sponsor\_concept\_id int [ref: > CONCEPT.concept\_id]

 sponsor\_source\_value varchar(50)

 sponsor\_source\_concept\_id int [ref: > CONCEPT.concept\_id]

 family\_source\_value varchar(50)

 stop\_reason\_concept\_id int [ref: > CONCEPT.concept\_id]

 stop\_reason\_source\_value varchar(50)

 stop\_reason\_source\_concept\_id int [ref: > CONCEPT.concept\_id]

 Indexes {

 (person\_id) [name:'idx\_period\_person\_id\_1']

 }

}

Table COST {

 cost\_id int [pk]

 cost\_event\_id int

 cost\_domain\_id varchar(20) [ref: > DOMAIN.domain\_id]

 cost\_type\_concept\_id int [ref: > CONCEPT.concept\_id]

 currency\_concept\_id int [ref: > CONCEPT.concept\_id]

 total\_charge numeric

 total\_cost numeric

 total\_paid numeric

 paid\_by\_payer numeric

 paid\_by\_patient numeric

 paid\_patient\_copay numeric

 paid\_patient\_coinsurance numeric

 paid\_patient\_deductible numeric

 paid\_by\_primary numeric

 paid\_ingredient\_cost numeric

 paid\_dispensing\_fee numeric

 payer\_plan\_period\_id int

 amount\_allowed numeric

 revenue\_code\_concept\_id int [ref: > CONCEPT.concept\_id]

 revenue\_code\_source\_value varchar(50)

 drg\_concept\_id int [ref: > CONCEPT.concept\_id]

 drg\_source\_value varchar(3)

 Indexes {

 (cost\_event\_id) [name:'idx\_cost\_event\_id']

 }

}

Table DRUG\_ERA {

 drug\_era\_id int [pk]

 person\_id int [ref: > PERSON.person\_id]

 drug\_concept\_id int [ref: > CONCEPT.concept\_id]

 drug\_era\_start\_date timestamp

 drug\_era\_end\_date timestamp

 drug\_exposure\_count int

 gap\_days int

 Indexes {

 (person\_id) [name:'idx\_drug\_era\_person\_id\_1']

 (drug\_concept\_id) [name:'idx\_drug\_era\_concept\_id\_1']

 }

}

Table DOSE\_ERA {

 dose\_era\_id int [pk]

 person\_id int [ref: > PERSON.person\_id]

 drug\_concept\_id int [ref: > CONCEPT.concept\_id]

 unit\_concept\_id int [ref: > CONCEPT.concept\_id]

 dose\_value numeric

 dose\_era\_start\_date timestamp

 dose\_era\_end\_date timestamp

 Indexes {

 (person\_id) [name:'idx\_dose\_era\_person\_id\_1']

 (drug\_concept\_id) [name:'idx\_dose\_era\_concept\_id\_1']

 }

}

Table CONDITION\_ERA {

 condition\_era\_id int [pk]

 person\_id int [ref: > PERSON.person\_id]

 condition\_concept\_id int [ref: > CONCEPT.concept\_id]

 condition\_era\_start\_date timestamp

 condition\_era\_end\_date timestamp

 condition\_occurrence\_count int

 Indexes {

 (person\_id) [name:'idx\_condition\_era\_person\_id\_1']

 (condition\_concept\_id) [name:'idx\_condition\_era\_concept\_id\_1']

 }

}

Table METADATA {

 metadata\_concept\_id int [ref: > CONCEPT.concept\_id]

 metadata\_type\_concept\_id int [ref: > CONCEPT.concept\_id]

 name varchar(250)

 value\_as\_string varchar(250)

 value\_as\_concept\_id int [ref: > CONCEPT.concept\_id]

 metadata\_date date

 metadata\_datetime timestamp

 Indexes {

 (metadata\_concept\_id) [name:'idx\_metadata\_concept\_id\_1']

 }

}

Table CDM\_SOURCE {

 cdm\_source\_name varchar(255)

 cdm\_source\_abbreviation varchar(25)

 cdm\_holder varchar(255)

 source\_description text

 source\_documentation\_reference varchar(255)

 cdm\_etl\_reference varchar(255)

 source\_release\_date date

 cdm\_release\_date date

 cdm\_version varchar(10)

 vocabulary\_version varchar(20)

}

Table CONCEPT {

 concept\_id int [pk]

 concept\_name varchar(255)

 domain\_id varchar(20) [ref: > DOMAIN.domain\_id]

 vocabulary\_id varchar(20) [ref: > VOCABULARY.vocabulary\_id]

 concept\_class\_id varchar(20) [ref: > CONCEPT\_CLASS.concept\_class\_id]

 standard\_concept varchar(1)

 concept\_code varchar(50)

 valid\_start\_date date

 valid\_end\_date date

 invalid\_reason varchar(1)

 Indexes {

 (concept\_id) [name:'idx\_concept\_concept\_id']

 (concept\_code) [name:'idx\_concept\_code']

 (vocabulary\_id) [name:'idx\_concept\_vocabluary\_id']

 (domain\_id) [name:'idx\_concept\_domain\_id']

 (concept\_class\_id) [name:'idx\_concept\_class\_id']

 }

}

Table VOCABULARY {

 vocabulary\_id varchar(20) [pk]

 vocabulary\_name varchar(255)

 vocabulary\_reference varchar(255)

 vocabulary\_version varchar(255)

 vocabulary\_concept\_id int [ref: > CONCEPT.concept\_id]

 Indexes {

 (vocabulary\_id) [name:'idx\_vocabulary\_vocabulary\_id']

 }

}

Table DOMAIN {

 domain\_id varchar(20) [pk]

 domain\_name varchar(255)

 domain\_concept\_id int [ref: > CONCEPT.concept\_id]

 Indexes {

 (domain\_id) [name:'idx\_domain\_domain\_id']

 }

}

Table CONCEPT\_CLASS {

 concept\_class\_id varchar(20) [pk]

 concept\_class\_name varchar(255)

 concept\_class\_concept\_id int [ref: > CONCEPT.concept\_id]

 Indexes {

 (concept\_class\_id) [name:'idx\_concept\_class\_class\_id']

 }

}

Table CONCEPT\_RELATIONSHIP {

 concept\_id\_1 int [ref: > CONCEPT.concept\_id]

 concept\_id\_2 int [ref: > CONCEPT.concept\_id]

 relationship\_id varchar(20) [ref: > RELATIONSHIP.relationship\_id]

 valid\_start\_date date

 valid\_end\_date date

 invalid\_reason varchar(1)

 Indexes {

 (concept\_id\_1) [name:'idx\_concept\_relationship\_id\_1']

 (concept\_id\_2) [name:'idx\_concept\_relationship\_id\_2']

 (relationship\_id) [name:'idx\_concept\_relationship\_id\_3']

 }

}

Table RELATIONSHIP {

 relationship\_id varchar(20) [pk]

 relationship\_name varchar(255)

 is\_hierarchical varchar(1)

 defines\_ancestry varchar(1)

 reverse\_relationship\_id varchar(20)

 relationship\_concept\_id int [ref: > CONCEPT.concept\_id]

 Indexes {

 (relationship\_id) [name:'idx\_relationship\_rel\_id']

 }

}

Table CONCEPT\_SYNONYM {

 concept\_id int

 concept\_synonym\_name varchar(1000)

 language\_concept\_id int [ref: > CONCEPT.concept\_id]

 Indexes {

 (concept\_id) [name:'idx\_concept\_synonym\_id']

 }

}

Table CONCEPT\_ANCESTOR {

 ancestor\_concept\_id int [ref: > CONCEPT.concept\_id]

 descendant\_concept\_id int [ref: > CONCEPT.concept\_id]

 min\_levels\_of\_separation int

 max\_levels\_of\_separation int

 Indexes {

 (ancestor\_concept\_id) [name:'idx\_concept\_ancestor\_id\_1']

 (descendant\_concept\_id) [name:'idx\_concept\_ancestor\_id\_2']

 }

}

Table SOURCE\_TO\_CONCEPT\_MAP {

 source\_code varchar(50)

 source\_concept\_id int [ref: > CONCEPT.concept\_id]

 source\_vocabulary\_id varchar(20)

 source\_code\_description varchar(255)

 target\_concept\_id int [ref: > CONCEPT.concept\_id]

 target\_vocabulary\_id varchar(20) [ref: > VOCABULARY.vocabulary\_id]

 valid\_start\_date date

 valid\_end\_date date

 invalid\_reason varchar(1)

 Indexes {

 (target\_concept\_id) [name:'idx\_source\_to\_concept\_map\_3']

 (source\_vocabulary\_id) [name:'idx\_source\_to\_concept\_map\_1']

 (target\_vocabulary\_id) [name:'idx\_source\_to\_concept\_map\_2']

 (source\_code) [name:'idx\_source\_to\_concept\_map\_c']

 }

}

Table DRUG\_STRENGTH {

 drug\_concept\_id int

 ingredient\_concept\_id int [ref: > CONCEPT.concept\_id]

 amount\_value numeric

 amount\_unit\_concept\_id int [ref: > CONCEPT.concept\_id]

 numerator\_value numeric

 numerator\_unit\_concept\_id int [ref: > CONCEPT.concept\_id]

 denominator\_value numeric

 denominator\_unit\_concept\_id int [ref: > CONCEPT.concept\_id]

 box\_size int

 valid\_start\_date date

 valid\_end\_date date

 invalid\_reason varchar(1)

 Indexes {

 (drug\_concept\_id) [name:'idx\_drug\_strength\_id\_1']

 (ingredient\_concept\_id) [name:'idx\_drug\_strength\_id\_2']

 }

}

Table COHORT\_DEFINITION {

 cohort\_definition\_id int

 cohort\_definition\_name varchar(255)

 cohort\_definition\_description text

 definition\_type\_concept\_id int [ref: > CONCEPT.concept\_id]

 cohort\_definition\_syntax text

 subject\_concept\_id int

 cohort\_initiation\_date date

}

Table ATTRIBUTE\_DEFINITION {

 attribute\_definition\_id int

 attribute\_name varchar(255)

 attribute\_description text

 attribute\_type\_concept\_id int [ref: > CONCEPT.concept\_id]

 attribute\_syntax text

}