

CPCSSN Entity Relationship Diagram v2.9

Network			
Network_ID	P	Number	
NetworkName		Text	
GeographicArea		Text	

Site			
Network_ID	P	Number	
Site_ID	P	Number	
LocationType		RefSet	
LocationFSA		Text	
Province		RefSet	

Cycle			
Cycle_ID	P	Text	
SequenceNumber		Number	
SchemaVersion		Text	
CutOffDate		Date	
SubmissionDate		Date	
CurrentCycle		Boolean	

SiteEMR			
SiteEMR_ID	P	Auto Int	
Network_ID	F	Number	
Site_ID	F	Number	
Cycle_ID	F	Text	
EMRName		RefSet	
Version		Text	
StartDate		Date	
EndDate		Date	

Provider			
Provider_ID	P	Number	
BirthYear		Number	
Sex		RefSet	

SiteProvider			
SiteProvider_ID	P	Auto Int	
Network_ID	F	Number	
Site_ID	F	Number	
Provider_ID	F	Number	
ProviderType		RefSet	
Role		RefSet	
StartDate		Date	
EndDate		Date	

Patient			
Patient_ID	P	Number	
Sex		RefSet	
BirthYear		Number	
OptedOut		Boolean	
OptOutDate		Date	

PatientProvider			
PatientProvider_ID	P	Auto Int	
Network_ID	F	Number	
Site_ID	F	Number	
Patient_ID	F	Number	
Provider_ID	F	Number	
StartDate		Date	
EndDate		Date	

SiteCycle			
SiteCycle_ID	P	Auto Int	
Network_ID	F	Number	
Site_ID	F	Number	
Cycle_ID	F	Text	
ExtractionDate		Date	

AllergyIntolerance			
AllergyIntolerance_ID	P	Auto Int	
Network_ID	F	Number	
Site_ID	F	Number	
Patient_ID	F	Number	
Encounter_ID	F	Number	
Cycle_ID	F	Text	
StartDate		Date	
StopDate		Date	
DIN		Text	
Name_orig		Text	
Name_calc		RefSet	
CodeType_orig		Text	
CodeType_calc		RefSet	
Code_orig		Text	
Code_calc		RefSet	
Category		RefSet	
Severity		RefSet	
AllergyStatus		RefSet	
ReactionType		Text	
DateCreated		Date	

Billing			
Billing_ID	P	Auto Int	
Network_ID	F	Number	
Site_ID	F	Number	
Patient_ID	F	Number	
Encounter_ID	F	Number	
Cycle_ID	F	Text	
ServiceCode		Date	
ServiceDate		Text	
DiagnosisText_orig		Text	
DiagnosisText_calc		Text	
DiagnosisCodeType_orig		Text	
DiagnosisCodeType_calc		Text	
DiagnosisCode_orig		Text	
DiagnosisCode_calc		Text	
DateCreated		Date	

PatientDemographic			
PatientDemographic_ID	P	Auto Int	
Network_ID	F	Number	
Site_ID	F	Number	
Patient_ID	F	Number	
Cycle_ID	F	Text	
Occupation		Text	
HighestEducation		Text	
HousingStatus		Text	
ResidenceFSA		Text	
PatientStatus_orig		Text	
PatientStatus_calc		RefSet	
Language		Text	
Ethnicity		Text	
DeceasedYear		Number	
DateCreated		Date	

Encounter			
Encounter_ID	P	Auto Int	
Network_ID	F	Number	
Site_ID	F	Number	
Patient_ID	F	Number	
Provider_ID	F	Number	
Cycle_ID	F	Text	
EncounterDate		Date	
Reason_orig		Text	
Reason_calc		RefSet	
EncounterType		RefSet	
DateCreated		Date	

ProviderGroup			
ProviderGroup_ID	P	Auto Int	
Provider_ID	F	Number	
GroupInfo_ID	F	Number	

GroupInfo			
GroupInfo_ID	P	Auto Int	
GroupName		Text	
GroupType		Text	
PaymentModel		Text	
CareModel		Text	
GovernanceModel		Text	
Description		Text	

DiseaseCase			
DiseaseCase_ID	P	Auto Int	
Patient_ID	F	Number	
Disease		RefSet	
DateOfOnset		Date	

DiseaseCaseIndicator			
DiseaseCaseIndicator_ID	P	Auto Int	
Patient_ID	F	Number	
Disease		RefSet	
IndicatorType		RefSet	
IndicatorValue		Text	
TableName		RefSet	
TableKey		Text	
DateCreated		Text	

EncounterDiagnosis			
EncounterDiagnosis_ID	P	Auto Int	
Network_ID	F	Number	
Site_ID	F	Number	
Patient_ID	F	Number	
Encounter_ID	F	Number	
Cycle_ID	F	Text	
DiagnosisText_orig		Text	
DiagnosisText_calc		RefSet	
DiagnosisCodeType_orig		Text	
DiagnosisCodeType_calc		RefSet	
DiagnosisCode_orig		Text	
DiagnosisCode_calc		RefSet	
DateCreated		Date	

HealthCondition			
HealthCondition_ID	P	Auto Int	
Network_ID	F	Number	
Site_ID	F	Number	
Patient_ID	F	Number	
Encounter_ID	F	Number	
Cycle_ID	F	Text	
DiagnosisText_orig		Text	
DiagnosisText_calc		RefSet	
DiagnosisCodeType_orig		Text	
DiagnosisCodeType_calc		RefSet	
DiagnosisCode_orig		Text	
DiagnosisCode_calc		RefSet	
DateOfOnset		Date	
SignificantNegativeFlag		Boolean	
ActiveInactiveFlag		RefSet	
DateCreated		Date	

Lab			
Lab_ID	P	Auto Int	
Network_ID	F	Number	
Site_ID	F	Number	
Patient_ID	F	Number	
Encounter_ID	F	Number	
Cycle_ID	F	Text	
PerformedDate		Date	
Name_orig		Text	
Name_calc		RefSet	
CodeType_orig		Text	
CodeType_calc		RefSet	
Code_orig		Text	
Code_calc		RefSet	
TestResult_orig		Text	
TestResult_calc		Text	
UpperNormal		Text	
LowerNormal		Text	
NormalRange		Text	
UnitOfMeasure_orig		Text	
UnitOfMeasure_calc		Text	
DateCreated		Date	

Exam			
Exam_ID	P	Auto Int	
Network_ID	F	Number	
Site_ID	F	Number	
Patient_ID	F	Number	
Encounter_ID	F	Number	
Cycle_ID	F	Text	
Exam1		RefSet	
Result1_orig		Text	
Result1_calc		Text	
Exam2		RefSet	
Result2_orig		Text	
Result2_calc		Text	
UnitOfMeasure_orig		Text	
UnitOfMeasure_calc		RefSet	
PairingMethod		RefSet	
DateCreated		Date	

MedicalProcedure			
MedicalProcedure_ID	P	Auto Int	
Network_ID	F	Number	
Site_ID	F	Number	
Patient_ID	F	Number	
Encounter_ID	F	Number	
Cycle_ID	F	Text	
PerformedDate		Date	
Name_orig		Text	
Name_calc		RefSet	
DateCreated		Date	

Vaccine			
Vaccine_ID	P	Auto Int	
Network_ID	F	Number	
Site_ID	F	Number	
Patient_ID	F	Number	
Encounter_ID	F	Number	
Cycle_ID	F	Text	
GivenDate		Date	
ExpiryDate		Date	
Name_orig		Text	
Name_calc		RefSet	
CodeType_orig		Text	
CodeType_calc		RefSet	
Code_orig		Text	
Code_calc		RefSet	
DIN		Text	
Dose		Text	
UnitOfMeasure		Text	
NotGiven		Boolean	
NotGivenReason		Text	
Reaction		Text	
AdminSite		Text	
Route		Text	
Lot		Text	
DateCreated		Date	

ERD Key		
TableName		
Field	Key	Data-type
Key Types		
P	Primary Key	
F	Foreign Key	
<div><div></div> Mandatory Foreign Key</div>		
<div><div></div> Optional Foreign Key</div>		

Fields Highlighted in blue are filled in algorithmically, not manually by Data Managers

Medication			
Medication_ID	P	Auto Int	
Network_ID	F	Number	
Site_ID	F	Number	
Patient_ID	F	Number	
Encounter_ID	F	Number	
Cycle_ID	F	Text	
StartDate		Date	
StopDate		Date	
Reason		Text	
DIN		Text	
Name_orig		RefSet	
Name_calc		Text	
CodeType_orig		Text	
CodeType_calc		RefSet	
Code_orig		Text	
Code_calc		RefSet	
Strength		Text	
Dose		Text	
UnitOfMeasure		Text	
Frequency		Text	
DurationCount		Number	
DurationUnit		Text	
DispensedCount		Number	
DispensedForm		RefSet	
RefillCount		Number	
DateCreated		Date	

RiskFactor			
RiskFactor_ID	P	Auto Int	
Network_ID	F	Number	
Site_ID	F	Number	
Patient_ID	F	Number	
Encounter_ID	F	Number	
Cycle_ID	F	Text	
StartDate		Date	
EndDate		Date	
Name_orig		Text	
Name_calc		RefSet	
Value_orig		Text	
Value_calc		Text	
Status_orig		Text	
Status_calc		RefSet	
Frequency		Number	
FrequencyType		Text	
FrequencyUnit		Text	
Duration		Number	
DurationType		Text	
DurationUnit		Text	
EndDuration		Number	
EndDurationType		Text	
EndDurationUnit		Text	
RiskDetails		Text	
DateCreated		Date	

Referral			
Referral_ID	P	Auto Int	
Network_ID	F	Number	
Site_ID	F	Number	
Patient_ID	F	Number	
Encounter_ID	F	Number	
Cycle_ID	F	Text	
CompletedDate		Date	
Name_orig		Text	
Name_calc		RefSet	
ConceptCode		RefSet	
DescriptionCode		RefSet	
DateCreated		Date	