**Instructions in this guide to recreate a value set from a given source are based on specific version of the value set and its source at the time it was downloaded from the source. There may be updates made to the sources later, thereby requiring to change steps accordingly.**

**All the values (Codes and Descriptions) obtained from respective sources are copied to a generic template\* in order to maintain a consistent format for a value set.**

**For the fields –**

* **Value Set Name and OID in Value Set Info sheet,**
* **Code system, Code system version, Code system OID in Code List sheet**

**Data was obtained from C-CDA R2.1 IG.**

**For field TTY (Term Type) in Code List sheet, if the data is not available in the source, term ‘PT’- as Preferred Term, was used.**

**Below is a list of value sets downloaded from VSAC. These value sets are used as-is for configuration.**

**To download value sets from VSAC(https://vsac.nlm.nih.gov), NLM account is needed.**

**If you already have an account, login to VSAC and search for a specific value set using oid and in value set details page – click ‘Export Value Set Results’ link to download the value set in excel format (used as-is for configuration).**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **OID** | **Code Count** | **Source** |
| Ability | urn:oid:2.16.840.1.113883.11.20.9.46 | 9 | <https://vsac.nlm.nih.gov/valuesets> |
| No Immunization Reason | urn:oid:2.16.840.1.113883.1.11.19717 | 8 | https://vsac.nlm.nih.gov/valuesets |
| Act Priority | urn:oid:2.16.840.1.113883.1.11.16866 | 15 | https://vsac.nlm.nih.gov/valuesets |
| ActStatus | Urn:oid:2.16.840.1.113883.1.11.15933 | 10 | https://vsac.nlm.nih.gov/valuesets |
| ADL Result Type | urn:oid:2.16.840.1.113883.11.20.9.47 | 6 | https://vsac.nlm.nih.gov/valuesets |
| AdministrationUnitDoseForm | urn:oid:2.16.840.1.113762.1.4.1021.30 | 11 | https://vsac.nlm.nih.gov/valuesets |
| Administrative Gender (HL7 V3) | urn:oid:2.16.840.1.113883.1.11.1 | 3 | https://vsac.nlm.nih.gov/valuesets |
| AdvanceDirectiveTypeCode | urn:oid:2.16.840.1.113883.1.11.20.2 | 8 | https://vsac.nlm.nih.gov/valuesets |
| AgePQ\_UCUM | urn:oid:2.16.840.1.113883.11.20.9.21 | 6 | https://vsac.nlm.nih.gov/valuesets |
| Allergy and Intolerance Type | urn:oid:2.16.840.1.113883.3.88.12.3221.6.2 | 9 | https://vsac.nlm.nih.gov/valuesets |
| Body Site | urn:oid:2.16.840.1.113883.3.88.12.3221.8.9 | 38064 | https://vsac.nlm.nih.gov/valuesets |
| Care Model | urn:oid:2.16.840.1.113883.11.20.9.61 | 9 | https://vsac.nlm.nih.gov/valuesets |
| Clinical Drug Ingredient | urn:oid:2.16.840.1.113762.1.4.1010.7 | 24422 | https://vsac.nlm.nih.gov/valuesets |
| Clinical Substance | urn:oid:2.16.840.1.113762.1.4.1010.2 | 108582 | https://vsac.nlm.nih.gov/valuesets |
| ConsultDocumentType | urn:oid:2.16.840.1.113883.11.20.9.31 | 193 | https://vsac.nlm.nih.gov/valuesets |
| Coverage Role Type | urn:oid:2.16.840.1.113883.1.11.18877 | 8 | https://vsac.nlm.nih.gov/valuesets |
| Criticality Observation | urn:oid:2.16.840.1.113883.1.11.20549 | 3 | https://vsac.nlm.nih.gov/valuesets |
| Smoking Status | urn:oid:2.16.840.1.113883.11.20.9.38 | 8 | https://vsac.nlm.nih.gov/valuesets |
| CVX Vaccines Administered - Vaccine Set | urn:oid:2.16.840.1.113762.1.4.1010.6 | 172 | https://vsac.nlm.nih.gov/valuesets |
| Detailed Ethnicity | urn:oid:2.16.840.1.114222.4.11.877 | 43 | https://vsac.nlm.nih.gov/valuesets |
| DIRQuantityMeasurementTypeCodes | urn:oid:2.16.840.1.113883.11.20.9.29 | 16 | https://vsac.nlm.nih.gov/valuesets |
| DischargeSummaryDocumentTypeCode | urn:oid:2.16.840.1.113883.11.20.4.1 | 94 | https://vsac.nlm.nih.gov/valuesets |
| Encounter Planned | urn:oid:2.16.840.1.113883.11.20.9.52 | 150 | https://vsac.nlm.nih.gov/valuesets |
| EncounterTypeCode | urn:oid:2.16.840.1.113883.3.88.12.80.32 | 174 | https://vsac.nlm.nih.gov/valuesets |
| EntityNameUse | urn:oid:2.16.840.1.113883.1.11.15913 | 13 | https://vsac.nlm.nih.gov/valuesets |
| EntityPersonNamePartQualifier | urn:oid:2.16.840.1.113883.11.20.9.26 | 10 | https://vsac.nlm.nih.gov/valuesets |
| Ethnicity | urn:oid:2.16.840.1.114222.4.11.837 | 2 | https://vsac.nlm.nih.gov/valuesets |
| Family Member Value Set | urn:oid:2.16.840.1.113883.1.11.19579 | 83 | https://vsac.nlm.nih.gov/valuesets |
| FinanciallyResponsiblePartyTypeValueSet | urn:oid:2.16.840.1.113883.1.11.10416 | 36 | https://vsac.nlm.nih.gov/valuesets |
| Goal Achievement | urn:oid:2.16.840.1.113883.11.20.9.55 | 4 | https://vsac.nlm.nih.gov/valuesets |
| Healthcare Agent Qualifier | urn:oid:2.16.840.1.113883.11.20.9.51 | 2 | https://vsac.nlm.nih.gov/valuesets |
| HealthcareProviderTaxonomyHIPAA | urn:oid:2.16.840.1.114222.4.11.1066 | 853 | https://vsac.nlm.nih.gov/valuesets |
| HealthcareServiceLocation | urn:oid:2.16.840.1.113883.1.11.20275 | 222 | https://vsac.nlm.nih.gov/valuesets |
| HealthStatus | urn:oid:2.16.840.1.113883.1.11.20.12 | 10 | https://vsac.nlm.nih.gov/valuesets |
| HL7 BasicConfidentialityKind | urn:oid:2.16.840.1.113883.1.11.16926 | 3 | https://vsac.nlm.nih.gov/valuesets |
| HPDocumentType | urn:oid:2.16.840.1.113883.1.11.20.22 | 117 | https://vsac.nlm.nih.gov/valuesets |
| INDRoleclassCodes | urn:oid:2.16.840.1.113883.11.20.9.33 | 6 | https://vsac.nlm.nih.gov/valuesets |
| LanguageAbilityMode | urn:oid:2.16.840.1.113883.1.11.12249 | 6 | https://vsac.nlm.nih.gov/valuesets |
| LanguageAbilityProficiency | urn:oid:2.16.840.1.113883.1.11.12199 | 4 | https://vsac.nlm.nih.gov/valuesets |
| LOINC Imaging Document Codes | urn:oid:1.3.6.1.4.1.12009.10.2.5 | 5792 | https://vsac.nlm.nih.gov/valuesets |
| Marital Status | urn:oid:2.16.840.1.113883.1.11.12212 | 9 | https://vsac.nlm.nih.gov/valuesets |
| MedicationBrandName | urn:oid:2.16.840.1.113883.3.88.12.80.16 | 29830 | https://vsac.nlm.nih.gov/valuesets |
| MedicationClinicalDrug | urn:oid:2.16.840.1.113762.1.4.1010.4 | 88451 | https://vsac.nlm.nih.gov/valuesets |
| Medication Fill Status | urn:oid:2.16.840.1.113883.3.88.12.80.64 | 2 | https://vsac.nlm.nih.gov/valuesets |
| Medication Product Form | urn:oid:2.16.840.1.113883.3.88.12.3221.8.11 | 164 | https://vsac.nlm.nih.gov/valuesets |
| SPL Drug Route of Administration Terminology | urn:oid:2.16.840.1.113883.3.88.12.3221.8.7 | 124 | https://vsac.nlm.nih.gov/valuesets |
| Mental and Functional Status Response | urn:oid:2.16.840.1.113883.11.20.9.44 | 10 | https://vsac.nlm.nih.gov/valuesets |
| MoodCodeEvnInt | urn:oid:2.16.840.1.113883.11.20.9.18 | 2 | https://vsac.nlm.nih.gov/valuesets |
| Nutrition Recommendations | urn:oid:2.16.840.1.113883.1.11.20.2.9 | 12 | https://vsac.nlm.nih.gov/valuesets |
| Nutritional Status | urn:oid:2.16.840.1.113883.1.11.20.2.7 | 28 | https://vsac.nlm.nih.gov/valuesets |
| Observation Interpretation (HL7) | urn:oid:2.16.840.1.113883.1.11.78 | 56 | https://vsac.nlm.nih.gov/valuesets |
| ParticipationFunction | urn:oid:2.16.840.1.113883.1.11.10267 | 46 | https://vsac.nlm.nih.gov/valuesets |
| Patient Education | urn:oid:2.16.840.1.113883.11.20.9.34 | 988 | https://vsac.nlm.nih.gov/valuesets |
| Patient Referral Act moodCode | urn:oid:2.16.840.1.113883.11.20.9.66 | 2 | https://vsac.nlm.nih.gov/valuesets |
| Payer | urn:oid:2.16.840.1.114222.4.11.3591 | 162 | https://vsac.nlm.nih.gov/valuesets |
| Personal And Legal Relationship Role Type | urn:oid:2.16.840.1.113883.11.20.12.1 | 116 | https://vsac.nlm.nih.gov/valuesets |
| Physical Exam Type | urn:oid:2.16.840.1.113883.11.20.9.65 | 53 | https://vsac.nlm.nih.gov/valuesets |
| Planned Intervention moodCode | urn:oid:2.16.840.1.113883.11.20.9.54 | 6 | https://vsac.nlm.nih.gov/valuesets |
| PlannedMoodCodeActEncounterProcedure | urn:oid:2.16.840.1.113883.11.20.9.23 | 6 | https://vsac.nlm.nih.gov/valuesets |
| PlannedMoodCodeObservation | urn:oid:2.16.840.1.113883.11.20.9.25 | 5 | https://vsac.nlm.nih.gov/valuesets |
| PlannedMoodCodeSubstanceAdministrationSupply | urn:oid:2.16.840.1.113883.11.20.9.24 | 4 | https://vsac.nlm.nih.gov/valuesets |
| PostalAddressUse | urn:oid:2.16.840.1.113883.1.11.10637 | 11 | https://vsac.nlm.nih.gov/valuesets |
| Pressure Point | urn:oid:2.16.840.1.113883.11.20.9.36 | 20 | https://vsac.nlm.nih.gov/valuesets |
| Pressure Ulcer Stage | urn:oid:2.16.840.1.113883.11.20.9.35 | 6 | https://vsac.nlm.nih.gov/valuesets |
| Priority Level | urn:oid:2.16.840.1.113883.11.20.9.60 | 3 | https://vsac.nlm.nih.gov/valuesets |
| Problem | urn:oid:2.16.840.1.113883.3.88.12.3221.7.4 | 120271 | https://vsac.nlm.nih.gov/valuesets |
| Reaction severity | urn:oid:2.16.840.1.113883.3.88.12.3221.6.8 | 3 | https://vsac.nlm.nih.gov/valuesets |
| Problem Status | urn:oid:2.16.840.1.113883.3.88.12.80.68 | 3 | https://vsac.nlm.nih.gov/valuesets |
| Problem Type | urn:oid:2.16.840.1.113883.3.88.12.3221.7.2 | 8 | https://vsac.nlm.nih.gov/valuesets |
| ProblemAct statusCode | urn:oid:2.16.840.1.113883.11.20.9.19 | 4 | https://vsac.nlm.nih.gov/valuesets |
| ProcedureAct statusCode | urn:oid:2.16.840.1.113883.11.20.9.22 | 4 | https://vsac.nlm.nih.gov/valuesets |
| ProcedureNoteDocumentTypeCodes | urn:oid:2.16.840.1.113883.11.20.6.1 | 114 | https://vsac.nlm.nih.gov/valuesets |
| ProgressNoteDocumentTypeCode | urn:oid:2.16.840.1.113883.11.20.8.1 | 106 | https://vsac.nlm.nih.gov/valuesets |
| Race | urn:oid:2.16.840.1.113883.1.11.14914 | 921 | https://vsac.nlm.nih.gov/valuesets |
| Race Category Excluding Nulls | urn:oid:2.16.840.1.113883.3.2074.1.1.3 | 5 | https://vsac.nlm.nih.gov/valuesets |
| Referral Types | urn:oid:2.16.840.1.113883.11.20.9.56 | 987 | https://vsac.nlm.nih.gov/valuesets |
| ReferralDocumentType | urn:oid:2.16.840.1.113883.1.11.20.2.3 | 81 | https://vsac.nlm.nih.gov/valuesets |
| Related Document (append/replace) | urn:oid:2.16.840.1.113883.11.20.9.62 | 2 | https://vsac.nlm.nih.gov/valuesets |
| Religious Affiliation | urn:oid:2.16.840.1.113883.1.11.19185 | 82 | https://vsac.nlm.nih.gov/valuesets |
| Residence and Accommodation Type | urn:oid:2.16.840.1.113883.11.20.9.49 | 196 | https://vsac.nlm.nih.gov/valuesets |
| Result Status | urn:oid:2.16.840.1.113883.11.20.9.39 | 6 | https://vsac.nlm.nih.gov/valuesets |
| Sensory Status | urn:oid:2.16.840.1.113883.11.20.9.50 | 32 | <https://vsac.nlm.nih.gov/valuesets> |
| SocialHistoryType | urn:oid:2.16.840.1.113883.3.88.12.80.60 | 15 | https://vsac.nlm.nih.gov/valuesets |
| Substance Other Than Clinical Drug | urn:oid:2.16.840.1.113762.1.4.1010.9 | 20131 | https://vsac.nlm.nih.gov/valuesets |
| Substance-ReactantforIntolerance | Urn:oid:2.16.840.1.113762.1.4.1010.1 | 57534 | https://vsac.nlm.nih.gov/valuesets |
| SupportedFileFormats | urn:oid:2.16.840.1.113883.11.20.7.1 | 9 | https://vsac.nlm.nih.gov/valuesets |
| SurgicalOperationNoteDocumentTypeCode | urn:oid:2.16.840.1.113883.11.20.1.1 | 37 | https://vsac.nlm.nih.gov/valuesets |
| TargetSite Qualifiers | urn:oid:2.16.840.1.113883.11.20.9.37 | 5 | https://vsac.nlm.nih.gov/valuesets |
| Telecom Use (US Realm Header) | urn:oid:2.16.840.1.113883.11.20.9.20 | 7 | https://vsac.nlm.nih.gov/valuesets |
| Tobacco Use | urn:oid:2.16.840.1.113883.11.20.9.41 | 63 | https://vsac.nlm.nih.gov/valuesets |
| TransferDocumentType | urn:oid:2.16.840.1.113883.1.11.20.2.4 | 69 | https://vsac.nlm.nih.gov/valuesets |
| UnitsOfMeasureCaseSensitive | urn:oid:2.16.840.1.113883.1.11.12839 | 810 | https://vsac.nlm.nih.gov/valuesets |
| Vaccine Clinical Drug | urn:oid:2.16.840.1.113762.1.4.1010.8 | 286 | https://vsac.nlm.nih.gov/valuesets |
| Vital Sign Result Type | urn:oid:2.16.840.1.113883.3.88.12.80.62 | 12 | https://vsac.nlm.nih.gov/valuesets |
| Wound Characteristic | urn:oid:2.16.840.1.113883.11.20.9.58 | 50 | https://vsac.nlm.nih.gov/valuesets |
| Wound Measurements | urn:oid:2.16.840.1.113883.1.11.20.2.5 | 5 | https://vsac.nlm.nih.gov/valuesets |
| Wound Type | urn:oid:2.16.840.1.113883.1.11.20.2.6 | 33 | https://vsac.nlm.nih.gov/valuesets |
| x\_ServiceEventPerformer | urn:oid:2.16.840.1.113883.1.11.19601 | 3 | https://vsac.nlm.nih.gov/valuesets |

**List of value sets obtained from external sources/non-VSAC.**

1. **Language value set**  **oid: 2.16.840.1.113883.1.11.11526**

Source: <http://www.iana.org/assignments/language-subtag-registry/language-subtag-registry>

1. **StateValueSet oid: 2.16.840.1.113883.3.88.12.80.1**

Source: <http://www.census.gov/geo/reference/ansi_statetables.html>

1. **PostalCodeValueSet oid: 2.16.840.1.113883.3.88.12.80.2**

Source: <http://download.geonames.org/export/zip/>

1. **CountryValueSet oid: 2.16.840.1.113883.3.88.12.80.63**

Source: <https://www.iso.org/obp/ui/#search>

**All above sets were added to the template\* to convert into format needed for configuration.**