

5. **SHALL** contain exactly one [1..1] **statusCode**="completed" Completed (CodeSystem: HL7ActStatus urn:oid:2.16.840.1.113883.5.14) (CONF:4515-33006).
6. **SHALL** contain exactly one [1..1] **effectiveTime** (CONF:4515-33007).
  - a. This effectiveTime **SHALL** contain exactly one [1..1] **@value** (CONF:4515-33008).
    - i. **SHALL** be precise to at least the year (CONF:4515-33009).
  - b. This effectiveTime **SHALL NOT** contain [0..0] **low** (CONF:4515-33016).
  - c. This effectiveTime **SHALL NOT** contain [0..0] **high** (CONF:4515-33017).

**Figure 29: Date of Diagnosis Act Example**

```
<!-- INSIDE PROBLEM OBSERVATION -->
<entryRelationship typeCode="COMP">
  <act classCode="ACT" moodCode="EVN">
    <templateId root="2.16.840.1.113883.10.20.22.4.502" extension="2022-06-01"/>
    <code code="77975-1" codeSystem="2.16.840.1.113883.6.1"
      codeSystemName="LOINC"
      displayName="Earliest date of diagnosis"/>
    <text>
      <reference value="#ProblemObs_1_PS1"/>
    </text>
    <statusCode code="completed"/>
    <!-- SHALL to the year (MAY be more specific) -->
    <effectiveTime value="200802"/>
  </act>
</entryRelationship>
```

### 3.10 Disability Status Observation

[observation: identifier urn:hl7ii:2.16.840.1.113883.10.20.22.4.505:2023-05-01 (open)]

**Table 44: Disability Status Observation Contexts**

Contained By:	Contains:
	<a href="#">Assessment Scale Observation (V2)</a> (optional)

This template represents an assessment of patients' perception of their physical, cognitive, intellectual, or psychiatric disabilities. It may contain an Assessment Scale Observation that holds the six-item set of questions used on the American Community Survey (ACS) to gauge disability, defined here: [HHS Implementation Guidance on Data Collection Standards for Race, Ethnicity, Sex, Primary Language, and Disability Status](#)

This template **SHOULD** be included zero or more times [0..\*] in the Functional Status Section V2 or the Functional Status Organizer (V2).

**Table 45: Disability Status Observation Constraints Overview**

XPath	Card.	Verb	Data Type	CONF#	Value
observation (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.505:2023-05-01)					
@classCode	1..1	SHALL		<a href="#">4537-32620</a>	urn:oid:2.16.840.1.113883.5.6 (HL7ActClass) = OBS
@moodCode	1..1	SHALL		<a href="#">4537-32621</a>	urn:oid:2.16.840.1.113883.5.1001 (HL7ActMood) = EVN
templateId	1..1	SHALL		<a href="#">4537-32619</a>	
@root	1..1	SHALL		<a href="#">4537-32622</a>	2.16.840.1.113883.10.20.22.4.505
@extension	1..1	SHALL		<a href="#">4537-32623</a>	2023-05-01
code	1..1	SHALL		<a href="#">4537-32624</a>	
@code	1..1	SHALL		<a href="#">4537-33023</a>	89571-4
@codeSystem	1..1	SHALL		<a href="#">4537-33024</a>	2.16.840.1.113883.6.1
statusCode	1..1	SHALL		<a href="#">4537-32625</a>	
@code	1..1	SHALL		<a href="#">4537-32626</a>	urn:oid:2.16.840.1.113883.5.14 (HL7ActStatus) = completed
effectiveTime	1..1	SHALL		<a href="#">4537-32627</a>	
value	1..1	SHALL		<a href="#">4537-32628</a>	urn:oid:1.3.6.1.4.1.12009.10.1.3932 (CUBS_Disability)
entryRelationship	0..*	MAY		<a href="#">4537-32629</a>	
@typeCode	1..1	SHALL		<a href="#">4537-32631</a>	COMP
observation	1..1	SHALL		<a href="#">4537-32630</a>	<a href="#">Assessment Scale Observation (V2) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.69:2022-06-01)</a>

1. **SHALL** contain exactly one [1..1] **@classCode**="OBS" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:4537-32620).
2. **SHALL** contain exactly one [1..1] **@moodCode**="EVN" (CodeSystem: HL7ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:4537-32621).
3. **SHALL** contain exactly one [1..1] **templateId** (CONF:4537-32619) such that it
  - a. **SHALL** contain exactly one [1..1] **@root**="2.16.840.1.113883.10.20.22.4.505" (CONF:4537-32622).
  - b. **SHALL** contain exactly one [1..1] **@extension**="2023-05-01" (CONF:4537-32623).
4. **SHALL** contain exactly one [1..1] **code** (CONF:4537-32624).

- a. This code **SHALL** contain exactly one [1..1] @code="89571-4" Disability Status [CUBS] (CONF:4537-33023).
  - b. This code **SHALL** contain exactly one [1..1] @codeSystem="2.16.840.1.113883.6.1" (CONF:4537-33024).
5. **SHALL** contain exactly one [1..1] statusCode (CONF:4537-32625).
  - a. This statusCode **SHALL** contain exactly one [1..1] @code="completed" (CodeSystem: HL7ActStatus urn:oid:2.16.840.1.113883.5.14) (CONF:4537-32626).
6. **SHALL** contain exactly one [1..1] effectiveTime (CONF:4537-32627).
7. **SHALL** contain exactly one [1..1] value, which **MAY** be selected from ValueSet CUBS Disability urn:oid:1.3.6.1.4.1.12009.10.1.3932 **DYNAMIC** (CONF:4537-32628).
8. **MAY** contain zero or more [0..\*] entryRelationship (CONF:4537-32629) such that it
  - a. **SHALL** contain exactly one [1..1] @typeCode="COMP" has component (CONF:4537-32631).
  - b. **SHALL** contain exactly one [1..1] Assessment Scale Observation (V2) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.69:2022-06-01) (CONF:4537-32630).
    - i. A system **MAY** record the six-item set of questions and their answers options from the American Community Survey (ACS) in the Assessment Scale Observation using the Disability Status Assessment value set (CONF:4537-33057).

**Table 46: CUBS\_Disability**

Value Set: CUBS_Disability urn:oid:1.3.6.1.4.1.12009.10.1.3932 This set of values is the LOINC Answer List for the LOINC Code "Comprehensive Universal Behavior Health Screen (CUBS)© "89571-4 Disability status [CUBS] Value Set Source: <a href="https://loinc.org/LL5052-7/">https://loinc.org/LL5052-7/</a>			
Code	Code System	Code System OID	Print Name
LA29240-1	LOINC	urn:oid:2.16.840.1.113883.6.1	I'm Thriving - no identified disability
LA29241-9	LOINC	urn:oid:2.16.840.1.113883.6.1	I'm Building Capacity - I have an asymptomatic condition controlled by services or medication
LA29242-7	LOINC	urn:oid:2.16.840.1.113883.6.1	I'm Safe - I rarely have acute or chronic symptoms affecting housing, employment, social interactions, etc
LA29243-5	LOINC	urn:oid:2.16.840.1.113883.6.1	I'm Vulnerable - I sometimes or periodically have acute or chronic symptoms affecting housing, employment, social interactions, etc.
LA29244-3	LOINC	urn:oid:2.16.840.1.113883.6.1	I'm in Crisis - acute or chronic symptoms affecting housing, employment, social interactions, etc.

**Figure 30: Disability Status Observation**

```
<observation classCode="OBS" moodCode="EVN">
  <templateId root="2.16.840.1.113883.10.20.22.4.505"
    extension="2023-05-01"/>
  <code code="89571-4" displayName="Disability Status [CUBS]"
    codeSystem="2.16.840.1.113883.6.1"/>
  <statusCode code="completed"/>
  <effectiveTime value="20221111"/>
  <!-- From LOINC Answer Set associated with Disability Status [CUBS] -->
  <value xsi:type="CD" code="LA29243-5"
    displayName="I'm Vulnerable - I sometimes or periodically
have acute or chronic symptoms affecting housing, employment, social interactions, etc."
    codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"/>
  <!-- May contain an Assessment Scale template With Assessment Scale observation
containing the disability related questions -->
  <entryRelationship typeCode="COMP">
    <observation classCode="OBS" moodCode="EVN">
      <templateId root="2.16.840.1.113883.10.20.22.4.86"/>
      <id root="f4dce790-8328-11db-9fe1-0800200c9a44"/>
      <code code="69856-3"
        displayName="Are you deaf, or do you have serious
difficulty hearing?"
        codeSystem="2.16.840.1.113883.6.1"
        codeSystemName="LOINC"/>
      <statusCode code="completed"/>
      <value xsi:type="CD" code="LA33-6" displayName="Yes"
        codeSystem="2.16.840.1.113883.6.1"/>
    </observation>
  </entryRelationship>
  <entryRelationship typeCode="COMP">
    <observation classCode="OBS" moodCode="EVN">
      <templateId root="2.16.840.1.113883.10.20.22.4.86"/>
      <id root="f4dce790-8328-11db-9fe1-0800200c9a44"/>
      <code code="69857-1"
        displayName="Are you blind, or do you have serious
difficulty seeing, even when wearing glasses?"
        codeSystem="2.16.840.1.113883.6.1"
        codeSystemName="LOINC"/>
      <statusCode code="completed"/>
      <value xsi:type="CD" code="LA33-6" displayName="Yes"
        codeSystem="2.16.840.1.113883.6.1"/>
    </observation>
  </entryRelationship>
  <entryRelationship typeCode="COMP">
    <observation classCode="OBS" moodCode="EVN">
      <templateId root="2.16.840.1.113883.10.20.22.4.86"/>
      <id root="f4dce790-8328-11db-9fe1-0800200c9a44"/>
      <code code="69858-9"
        displayName="Because of a physical, mental, or
emotional condition, do you have serious difficulty concentrating, remembering, or making
decisions??"
        codeSystem="2.16.840.1.113883.6.1"
        codeSystemName="LOINC"/>
      <statusCode code="completed"/>
      <value xsi:type="CD" code="LA33-6" displayName="Yes"
        codeSystem="2.16.840.1.113883.6.1"/>
    </observation>
  </entryRelationship>
```

```

        </observation>
    </entryRelationship>
    <entryRelationship typeCode="COMP">
        <observation classCode="OBS" moodCode="EVN">
            <templateId root="2.16.840.1.113883.10.20.22.4.86"/>
            <id root="f4dce790-8328-11db-9fe1-0800200c9a44"/>
            <code code="69859-7"
                displayName="Do you have serious difficulty walking
or climbing stairs?"
                codeSystem="2.16.840.1.113883.6.1"
                codeSystemName="LOINC"/>
            <statusCode code="completed"/>
            <value xsi:type="CD" code="LA33-6" displayName="Yes"
                codeSystem="2.16.840.1.113883.6.1"/>
        </observation>
    </entryRelationship>
    <entryRelationship typeCode="COMP">
        <observation classCode="OBS" moodCode="EVN">
            <templateId root="2.16.840.1.113883.10.20.22.4.86"/>
            <id root="f4dce790-8328-11db-9fe1-0800200c9a44"/>
            <code code="69860-5"
                displayName="Do you have difficulty dressing or
bathing?"
                codeSystem="2.16.840.1.113883.6.1"
                codeSystemName="LOINC"/>
            <statusCode code="completed"/>
            <value xsi:type="CD" code="LA33-6" displayName="Yes"
                codeSystem="2.16.840.1.113883.6.1"/>
        </observation>
    </entryRelationship>
    <entryRelationship typeCode="COMP">
        <observation classCode="OBS" moodCode="EVN">
            <templateId root="2.16.840.1.113883.10.20.22.4.86"/>
            <id root="f4dce790-8328-11db-9fe1-0800200c9a44"/>
            <code code="69861-3"
                displayName="Because of a physical, mental, or
emotional condition, do you have difficulty doing errands alone such as visiting a
physician's office or shopping?"
                codeSystem="2.16.840.1.113883.6.1"
                codeSystemName="LOINC"/>
            <statusCode code="completed"/>
            <value xsi:type="CD" code="LA33-6" displayName="Yes"
                codeSystem="2.16.840.1.113883.6.1"/>
        </observation>
    </entryRelationship>
</observation>

```

### 3.11 Goal Observation (V2)

[observation: identifier urn:hl7ii:2.16.840.1.113883.10.20.22.4.121:2022-06-01 (open)]

This template represents a patient health goal. A Goal Observation template may have related components that are acts, encounters, observations, procedures, substance administrations, or supplies. A goal identifies a future desired condition or state. Goals are often related to physical or