

Figure 56: Social Determinant of Health Social History Observation Example

```
<!-- SDOH Social History Observation -->
<entry>
  <observation classCode="OBS" moodCode="EVN">
    <templateId root="2.16.840.1.113883.10.20.22.4.38"/>
    <templateId root="2.16.840.1.113883.10.20.22.4.38" extension="2015-08-01"/>
    <templateId root="2.16.840.1.113883.10.20.22.4.38" extension="2022-06-01"/>
    <id extension="64020-Z9311" root="1.2.840.114350.1.13.6289.1.7.1.1040.1"/>
    <code code="160476009" codeSystem="2.16.840.1.113883.6.96"
codeSystemName="SNOMEDCT" displayName="Social / personal history observable (observable
entity)"/>
      <translation code="8689-2" codeSystem="2.16.840.1.113883.6.1"
codeSystemName="LOINC" displayName="History of Social function"/>
    </code>
    <text>
      <reference value="#SocialHistory_3"/>
    </text>
    <statusCode code="completed"/>
    <effectiveTime value="20160412"/>
    <value xsi:type="CD" code="706875005" displayName="Insufficient food supply
(finding) "

      codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMEDCT">
        <originalText>
          <reference value="#SH3_SO"/>
        </originalText>
      </value>
    <author>
      <time value="20160412"/>
      <assignedAuthor>
        <id extension="10.1" root="1.2.840.114350.1.1"/>
      </assignedAuthor>
    </author>
  </observation>
</entry>
```

3.26.1 Basic Industry Observation

[observation: identifier urn:hl7ii:2.16.840.1.113883.10.20.22.4.504:2023-05-01 (open)]

Table 85: Basic Industry Observation Contexts

Contained By:	Contains:
Basic Occupation Observation (optional)	

This template represents a simple observation about the type of business that compensates for work or assigns work to an unpaid worker or volunteer (e.g., U.S. Army, cement manufacturing, children and youth services). Multiple occupation industry observation instances in a single document or derived from multiple documents, represent a basic historical industry record.

Implementers should use the Basic Industry Observation template for conveying Industry in support of USCDI v3. It is recommended systems include the Basic Industry Observation in the Social History section. Implementers wishing to convey more advanced Industry detail may consider using [HL7 CDA® R2 Implementation Guide: C-CDA R2.1 Supplemental Templates for Occupational Data for Health](#) in addition to this Observation.

Table 86: Basic Industry Observation Constraints Overview

XPath	Card.	Verb	Data Type	CONF#	Value
observation (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.504:2023-05-01)					
@classCode	1..1	SHALL		4537-33018	urn:oid:2.16.840.1.113883.5.6 (HL7ActClass) = OBS
@moodCode	1..1	SHALL		4537-33019	urn:oid:2.16.840.1.113883.5.1001 (HL7ActMood) = EVN
templateId	1..1	SHALL		4537-33009	
@root	1..1	SHALL		4537-33013	2.16.840.1.113883.10.20.22.4.504
@extension	1..1	SHALL		4537-33014	2023-05-01
code	1..1	SHALL		4537-33010	
@code	1..1	SHALL		4537-33015	86188-0
@codeSystem	1..1	SHALL		4537-33016	urn:oid:2.16.840.1.113883.6.1 (LOINC) = 2.16.840.1.113883.6.1
statusCode	1..1	SHALL		4537-33011	
@code	1..1	SHALL		4537-33017	urn:oid:2.16.840.1.113883.5.14 (HL7ActStatus) = completed
value	1..1	SHALL		4537-33022	urn:oid:2.16.840.1.114222.4.11.7900 (Industry NAICS Detail (ODH))

1. Conforms to [Social History Observation \(V4\)](#) template (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.38:2022-06-01).
2. **SHALL** contain exactly one [1..1] **@classCode**="OBS" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:4537-33018).
3. **SHALL** contain exactly one [1..1] **@moodCode**="EVN" (CodeSystem: HL7ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:4537-33019).
4. **SHALL** contain exactly one [1..1] **templateId** (CONF:4537-33009) such that it
 - a. **SHALL** contain exactly one [1..1] **@root**="2.16.840.1.113883.10.20.22.4.504" (CONF:4537-33013).
 - b. **SHALL** contain exactly one [1..1] **@extension**="2023-05-01" (CONF:4537-33014).
5. **SHALL** contain exactly one [1..1] **code** (CONF:4537-33010).

- a. This code **SHALL** contain exactly one [1..1] @code="86188-0" History of Occupation Industry (CONF:4537-33015).
 - b. This code **SHALL** contain exactly one [1..1] @codeSystem="2.16.840.1.113883.6.1" (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1 **STATIC**) (CONF:4537-33016).
6. **SHALL** contain exactly one [1..1] statusCode (CONF:4537-33011).
 - a. This statusCode **SHALL** contain exactly one [1..1] @code="completed" (CodeSystem: HL7ActStatus urn:oid:2.16.840.1.113883.5.14) (CONF:4537-33017).
7. **SHALL** contain exactly one [1..1] value, which **SHALL** be selected from ValueSet [Industry NAICS Detail \(ODH\)](#) urn:oid:2.16.840.1.114222.4.11.7900 **DYNAMIC** (CONF:4537-33022).

Figure 57: Basic Industry Occupation Example

```
<observation classCode="OBS" moodCode="EVN">
  <templateId root="2.16.840.1.113883.10.20.22.4.504"
    extension="2023-05-01"/>
  <id root="f4dce790-8328-11db-9fe1-0800200c9a47"/>
  <code code="86188-0" codeSystem="2.16.840.1.113883.6.1"
    codeSystemName="LOINC" displayName="History of occupation industry"/>
  <statusCode code="completed"/>
  <effectiveTime>
    <!-- SHALL low/value. The low value reflects the start date of the stated industry
-->
    <low value="2009"/>
    <!-- MAY high/value. The high value reflects the end date of the stated industry.
    An absent high value means the industry is/was current at the time the document
was generated -->
    <high value="202206"/>
  </effectiveTime>
  <value xsi:type="CD" code="811111.001118"
    displayName="Automotive repair and replacement shops, general [General Automotive
Repair]"
    codeSystem="2.16.840.1.114222.4.5.327"
    codeSystemName="Occupational Data for Health (ODH)"/>
</observation>
```

3.26.2 Basic Occupation Observation

[observation: identifier urn:h17ii:2.16.840.1.113883.10.20.22.4.503:2023-05-01 (open)]

Table 87: Basic Occupation Observation Contexts

Contained By:	Contains:
	Basic Industry Observation (optional)

This template represents a simple observation about the type of work (e.g., infantry, business analyst, social worker) of a person. The effectiveTime low and high represent the start and end times of a