

# HOPE Data Submission Specifications (V1.00.0)

## Detailed Data Specifications Report

### Section: Z

Item ID: Z0350

Item Label	Item Group	LOINC Code	Item Type	Max Length	Fixed Format Start-End Bytes
Date Assessment Was Completed	Asmt		Date	8	854-861

#### Item Subsets

Active: HUV,XX  
Inactive: HA,HD

#### Item Values

Value	LOINC Code	Value Text
YYYYMMDD		Valid date

#### Item Edits

Edit ID	Edit Type	Severity	Edit Text
-3010	Format	Fatal	<p>Values of Date Items:</p> <p>This item must contain either (a) a valid date in YYYYMMDD format, or (b) one of the special values (if any) that are listed in the "Item Values" table of the Detailed Data Specifications Report.</p> <p>Note that if a date in YYYYMMDD format is submitted, it must be 8 characters in length and each of the 8 characters must contain the digits 0 (zero) through 9. YYYY, MM, and DD must be zero filled, where necessary. For example, January 1, 2026 must be submitted as "20260101".</p>
-3023	Consistency	Fatal	<p>In order to modify or inactivate a record that has previously been accepted by the submission system, the system must be able to locate the previous record. Appropriate values from the record to be corrected must therefore be submitted for the following locator items:</p> <ul style="list-style-type: none"><li>a) A0250 (reason for record)</li><li>b) A0500A (patient first name)</li><li>c) A0500C (patient last name)</li><li>d) A0800 (gender)</li><li>e) A0600A (social security number)</li><li>f) A0900 (birth date)</li><li>g) A0220 (admission date)</li><li>h) A0270 (discharge date)</li><li>i) Z0350 (date assessment was completed)</li></ul>

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If a matching previously accepted record cannot be located, a fatal error will result and the submitted record will be rejected.

-3032 Consistency Fatal

#### DATE ITEM CONSISTENCY RULES

Date items fall into three groups - designated Group A, Group B and Group C - see below. Each group has its own consistency rules.

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#### GROUP A RULES (Edit –3032a)

Group A items are listed below. Each active item in this list that contains a valid date (not blank) must be in the specified order:

A0900 (birth date) <=

A0220 (admission date) <=

A0270 (discharge date) <=

Z0350 (date assessment was completed) <=

Z0500B (date of signature of person verifying record completion) <= submission date

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#### GROUP B RULES (Edit –3032b)

Group B items are listed below. Each active item in this list that contains a valid date (not blank) must obey all of the following rules:

1. Each Group B date must be greater than or equal to A0220 (admission date).
2. Each Group B date must be less than or equal to Z0500B (date of signature of person verifying record completion).
3. For date pairs shown below, the first date listed must be less than or equal to the second date listed.
4. Otherwise, the Group B dates may be in any order.

The following is a list of Group B dates:

a) J0900B (date of first screening for pain) <= J0910B (date of comprehensive pain assessment)

b) J2030B (date of first screening for shortness of breath)

c) J2040B (date treatment for shortness of breath initiated)

d) J2050B (date of symptom impact screening)

e) J2052B (date of in-person SFV)

f) N0500B (date scheduled opioid initiated or continued)

g) N0510B (date PRN opioid initiated or continued)

h) N0520B (date bowel regimen initiated or continued)

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#### GROUP C RULES (Edit –3032c)

Group C items are listed below. Each Group C date must be less than or equal to Z0500B (date record completion was verified).



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The following is a list of Group C dates:

- a) F2000B (date asked about CPR)
- b) F2100B (date asked about treatment other than CPR)
- c) F2200B (date asked about hospitalization)
- d) F3000B (date asked about spiritual/existential concerns)

-3034 Consistency Warning

#### RECORD SUBMISSION TIMING RULES

The following rules specify the maximum number of days which should elapse between each date listed and the submission date. Violation of these rules will result in warnings. These rules apply only to new records (where A0050=[1]). They do not apply to modification or inactivation records (where A0050=[2,3]).

a) If A0250=[1] (admission record), then submission date minus A0220 (admission date) should be less than or equal to 30 days.

b) If A0250=[2] (HUV 1 record), then submission date minus Z0350 (date assessment was completed) should be less than or equal to 30 days.

c) If A0250=[3] (HUV 2 record), then submission date minus Z0350 (date assessment was completed) should be less than or equal to 30 days.

d) If A0250=[9] (discharge record), then submission date minus A0270 (discharge date) should be less than or equal to 30 days.

#### ***Supplemental Information***

**Info ID      Type      Text**

- 9009      Information      a) If A0250=[1] (admission record), then TARGET\_DATE is equal to A0220 (admission date).  
b) If A0250=[2,3] (HUV record), then TARGET\_DATE is equal to Z0350 (date assessment was completed).  
c) If A0250=[9] (discharge record), then TARGET\_DATE is equal to A0270 (discharge date).



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### Section: Z

Item ID: Z0500B

Item Label	Item Group	LOINC Code	Item Type	Max Length	Fixed Format Start-End Bytes
Date of signature verifying record completion	Asmt		Date	8	662-669

#### Item Subsets

Active: HA,HUV,HD,XX

Inactive:

#### Item Values

Value	LOINC Code	Value Text
YYYYMMDD		Date of signature verifying record completion

#### Item Edits

Edit ID	Edit Type	Severity	Edit Text
-3010	Format	Fatal	<p>Values of Date Items:</p> <p>This item must contain either (a) a valid date in YYYYMMDD format, or (b) one of the special values (if any) that are listed in the "Item Values" table of the Detailed Data Specifications Report.</p> <p>Note that if a date in YYYYMMDD format is submitted, it must be 8 characters in length and each of the 8 characters must contain the digits 0 (zero) through 9. YYYY, MM, and DD must be zero filled, where necessary. For example, January 1, 2026 must be submitted as "20260101".</p>
-3032	Consistency	Fatal	<p>DATE ITEM CONSISTENCY RULES</p> <p>Date items fall into three groups - designated Group A, Group B and Group C - see below. Each group has its own consistency rules.</p> <p>-----</p> <p>GROUP A RULES (Edit -3032a)</p> <p>Group A items are listed below. Each active item in this list that contains a valid date (not blank) must be in the specified order:</p> <p>A0900 (birth date) &lt;= A0220 (admission date) &lt;= A0270 (discharge date) &lt;= Z0350 (date assessment was completed) &lt;= Z0500B (date of signature of person verifying record completion) &lt;= submission date</p>

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## Detailed Data Specifications Report

### Section: Z

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GROUP B RULES (Edit –3032b)

Group B items are listed below. Each active item in this list that contains a valid date (not blank) must obey all of the following rules:

1. Each Group B date must be greater than or equal to A0220 (admission date).
2. Each Group B date must be less than or equal to Z0500B (date of signature of person verifying record completion).
3. For date pairs shown below, the first date listed must be less than or equal to the second date listed.
4. Otherwise, the Group B dates may be in any order.

The following is a list of Group B dates:

- a) J0900B (date of first screening for pain) <= J0910B (date of comprehensive pain assessment)
- b) J2030B (date of first screening for shortness of breath)
- c) J2040B (date treatment for shortness of breath initiated)
- d) J2050B (date of symptom impact screening)
- e) J2052B (date of in-person SFV)
- f) N0500B (date scheduled opioid initiated or continued)
- g) N0510B (date PRN opioid initiated or continued)
- h) N0520B (date bowel regimen initiated or continued)

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GROUP C RULES (Edit –3032c)

Group C items are listed below. Each Group C date must be less than or equal to Z0500B (date record completion was verified).

The following is a list of Group C dates:

- a) F2000B (date asked about CPR)
- b) F2100B (date asked about treatment other than CPR)
- c) F2200B (date asked about hospitalization)
- d) F3000B (date asked about spiritual/existential concerns)

