

# HOPE Data Submission Specifications (V1.00.0)

## Detailed Data Specifications Report

### Section: N

Item ID: N0500A

Item Label	Item Group	LOINC Code	Item Type	Max Length	Fixed Format Start-End Bytes
Was scheduled opioid initiated or continued	Asmt		Code	1	635-635

#### Item Subsets

Active: HA,HUV  
Inactive: HD,XX

#### Item Values

Value	LOINC Code	Value Text
0		No
1		Yes

#### Item Edits

Edit ID	Edit Type	Severity	Edit Text
-3009	Format	Fatal	Values of Code and Checklist Items: Only the coded values listed in the "Item Values" table of the Detailed Data Specifications Report may be submitted for this item.
-3059	Consistency	Fatal	If N0500A=[1] or N0510A=[1], then if N0520A is active it must not equal [^].
-3060	Consistency	Fatal	If N0500A=[0] and N0510A=[0], then all active items from N0520A through N0520B must equal [^].
-3077	Consistency	Warning	If N0500A=[1] or N0510A=[1], indicating a scheduled or PRN opioid was initiated or continued, and J0905 = [0], then: (a) If the opioid was used to treat pain, J0905 should be equal to [1]. (b) If the opioid was used to treat another symptom (e.g., shortness of breath) AND there is no further evidence that pain is an active problem for the patient, leave J0905 equal to [0] and disregard this warning
-3049	Skip pattern	Fatal	a) If N0500A=[0], then if N0500B is active it must equal [^]. b) If N0500A=[1], then if N0500B is active it must not equal [^].

# HOPE Data Submission Specifications (V1.00.0)

## Detailed Data Specifications Report

### Section: N

Item ID: N0500B

Item Label	Item Group	LOINC Code	Item Type	Max Length	Fixed Format Start-End Bytes
Date scheduled opioid initiated or continued	Asmt		Date	8	636-643

#### Item Subsets

Active: HA,HUV  
Inactive: HD,XX

#### Item Values

Value	LOINC Code	Value Text
YYYYMMDD		Date scheduled opioid initiated or continued
^		Blank (skip pattern)

#### Item Edits

Edit ID	Edit Type	Severity	Edit Text
-3010	Format	Fatal	Values of Date Items:  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.  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".
-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. ----- 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

# HOPE Data Submission Specifications (V1.00.0)

## Detailed Data Specifications Report

### Section: N

#### 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)

#### 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)

-3049

Skip pattern

Fatal

- a) If N0500A=[0], then if N0500B is active it must equal [^].
- b) If N0500A=[1], then if N0500B is active it must not equal [^].



# HOPE Data Submission Specifications (V1.00.0)

## Detailed Data Specifications Report

### Section: N

Item ID: N0510A

Item Label	Item Group	LOINC Code	Item Type	Max Length	Fixed Format Start-End Bytes
Was PRN opioid initiated or continued	Asmt		Code	1	644-644

#### Item Subsets

Active: HA,HUV  
Inactive: HD,XX

#### Item Values

Value	LOINC Code	Value Text
0		No
1		Yes

#### Item Edits

Edit ID	Edit Type	Severity	Edit Text
-3009	Format	Fatal	Values of Code and Checklist Items: Only the coded values listed in the "Item Values" table of the Detailed Data Specifications Report may be submitted for this item.
-3059	Consistency	Fatal	If N0500A=[1] or N0510A=[1], then if N0520A is active it must not equal [^].
-3060	Consistency	Fatal	If N0500A=[0] and N0510A=[0], then all active items from N0520A through N0520B must equal [^].
-3077	Consistency	Warning	If N0500A=[1] or N0510A=[1], indicating a scheduled or PRN opioid was initiated or continued, and J0905 = [0], then: (a) If the opioid was used to treat pain, J0905 should be equal to [1]. (b) If the opioid was used to treat another symptom (e.g., shortness of breath) AND there is no further evidence that pain is an active problem for the patient, leave J0905 equal to [0] and disregard this warning
-3050	Skip pattern	Fatal	a) If N0510A=[0], then if N0510B is active it must equal [^]. b) If N0510A=[1], then if N0510B is active it must not equal [^].

# HOPE Data Submission Specifications (V1.00.0)

## Detailed Data Specifications Report

### Section: N

Item ID: N0510B

Item Label	Item Group	LOINC Code	Item Type	Max Length	Fixed Format Start-End Bytes
Date PRN opioid initiated or continued	Asmt		Date	8	645-652

#### Item Subsets

Active: HA,HUV  
Inactive: HD,XX

#### Item Values

Value	LOINC Code	Value Text
YYYYMMDD		Date PRN opioid initiated or continued
^		Blank (skip pattern)

#### Item Edits

Edit ID	Edit Type	Severity	Edit Text
-3010	Format	Fatal	Values of Date Items:  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.  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".
-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. ----- 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

# HOPE Data Submission Specifications (V1.00.0)

## Detailed Data Specifications Report

### Section: N

#### 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)

#### 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)

-3050

Skip pattern

Fatal

- a) If N0510A=[0], then if N0510B is active it must equal [^].
- b) If N0510A=[1], then if N0510B is active it must not equal [^].





# HOPE Data Submission Specifications (V1.00.0)

## Detailed Data Specifications Report

### Section: N

Item ID: N0520A

Item Label	Item Group	LOINC Code	Item Type	Max Length	Fixed Format Start-End Bytes
Was bowel regimen initiated or continued	Asmt		Code	1	653-653

#### Item Subsets

Active: HA,HUV  
Inactive: HD,XX

#### Item Values

Value	LOINC Code	Value Text
0		No
1		No, but there is documentation of why a bowel regimen was not initiated or continued
2		Yes
^		Blank (skip pattern)

#### Item Edits

Edit ID	Edit Type	Severity	Edit Text
-3009	Format	Fatal	Values of Code and Checklist Items: Only the coded values listed in the "Item Values" table of the Detailed Data Specifications Report may be submitted for this item.
-3059	Consistency	Fatal	If N0500A=[1] or N0510A=[1], then if N0520A is active it must not equal [^].
-3060	Consistency	Fatal	If N0500A=[0] and N0510A=[0], then all active items from N0520A through N0520B must equal [^].
-3051	Skip pattern	Fatal	a) If N0520A=[0,1], then if N0520B is active it must equal [^]. b) If N0520A=[2], then if N0520B is active it must not equal [^].

# HOPE Data Submission Specifications (V1.00.0)

## Detailed Data Specifications Report

### Section: N

Item ID: N0520B

Item Label	Item Group	LOINC Code	Item Type	Max Length	Fixed Format Start-End Bytes
Date bowel regimen initiated or continued	Asmt		Date	8	654-661

#### Item Subsets

Active: HA,HUV  
Inactive: HD,XX

#### Item Values

Value	LOINC Code	Value Text
YYYYMMDD		Date bowel regimen initiated or continued
^		Blank (skip pattern)

#### Item Edits

Edit ID	Edit Type	Severity	Edit Text
-3010	Format	Fatal	Values of Date Items:  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.  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".
-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. ----- 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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## Detailed Data Specifications Report

### Section: N

#### 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)

#### 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)

-3060	Consistency	Fatal	If N0500A=[0] and N0510A=[0], then all active items from N0520A through N0520B must equal [^].
-3051	Skip pattern	Fatal	a) If N0520A=[0,1], then if N0520B is active it must equal [^]. b) If N0520A=[2], then if N0520B is active it must not equal [^].

