

HOPE Data Submission Specifications (V1.00.1)

Detailed Data Specifications Report

Section: F

Item ID: F2000A

Item Label	Item Group	LOINC Code	Item Type	Max Length	Fixed Format Start-End Bytes
Was ptnt/rsp prty asked about CPR	Asmt		Code	1	550-550

Item Subsets

Active: HA
Inactive: HUV,HD,XX

Item Values

Value	LOINC Code	Value Text
0		No
1		Yes, and discussion occurred
2		Yes, but the patient/responsible party refused to discuss

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.
-3035	Skip pattern	Fatal	a) If F2000A=[0], then if F2000B is active it must equal [^]. b) If F2000A=[1,2], then if F2000B is active it must not equal [^].

Changes for Version V1.00.1

Type	ID	Description
Format	-3009	[V1.00.1]-Removed mapping to item J2052B and mapped it to the date format edit -3010. Removed mapping to deleted item A0800 and added mapping to new item A0810. Added mapping to ASMT_SYS_CD.

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Detailed Data Specifications Report

Section: F

Item ID: F2000B

Item Label	Item Group	LOINC Code	Item Type	Max Length	Fixed Format Start-End Bytes
Date ptnt/rsp prty asked about CPR	Asmt		Date	8	551-558

Item Subsets

Active: HA
Inactive: HUV,HD,XX

Item Values

Value	LOINC Code	Value Text
YYYYMMDD		Date the patient/responsible party was first asked about preferences regarding the use of CPR
^		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) <=Z0350 (date assessment was completed) <= A0270 (discharge date) <= Z0500B (date of signature of person verifying record completion) <= submission date -----

HOPE Data Submission Specifications (V1.00.1)

Detailed Data Specifications Report

Section: F

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)

-3063	Consistency	Warning	Section F Date Rules: (a) If F2000B is active and not equal to [^], then A0220 - F2000B <= 7. (b) If F2100B is active and not equal to [^], then A0220 - F2100B <= 7. (c) If F2200B is active and not equal to [^], then A0220 - F2200B <= 7. (d) If F3000B is active and not equal to [^], then A0220 - F3000B <= 7.
-3035	Skip pattern	Fatal	a) If F2000A=[0], then if F2000B is active it must equal [^]. b) If F2000A=[1,2], then if F2000B is active it must not equal [^].

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Changes for Version V1.00.1

Type	ID	Description
Format	-3010	[V1.00.1]-Added mapping to item J2052B.
Consistency	-3032	[V1.00.1]-Revised Group A date order such that Z0350 is earlier than or equal to A0270. Added mappings to J2050B and J2052B, since they are Group B dates.
Consistency	-3063	[V1.00.1]-Revised to provide more detailed logic.

HOPE Data Submission Specifications (V1.00.1)

Detailed Data Specifications Report

Section: F

Item ID: F2100A

Item Label	Item Group	LOINC Code	Item Type	Max Length	Fixed Format Start-End Bytes
Was ptnt/rsp prty asked treatments oth than CPR	Asmt		Code	1	559-559

Item Subsets

Active: HA
Inactive: HUV,HD,XX

Item Values

Value	LOINC Code	Value Text
0		No
1		Yes, and discussion occurred
2		Yes, but the patient/responsible party refused to discuss

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.
-3036	Skip pattern	Fatal	a) If F2100A=[0], then if F2100B is active it must equal [^]. b) If F2100A=[1,2], then if F2100B is active it must not equal [^].

Changes for Version V1.00.1

Type	ID	Description
Format	-3009	[V1.00.1]-Removed mapping to item J2052B and mapped it to the date format edit -3010. Removed mapping to deleted item A0800 and added mapping to new item A0810. Added mapping to ASMT_SYS_CD.

HOPE Data Submission Specifications (V1.00.1)

Detailed Data Specifications Report

Section: F

Item ID: F2100B

Item Label	Item Group	LOINC Code	Item Type	Max Length	Fixed Format Start-End Bytes
Date ptnt/rsp prty asked treatments oth than CPR	Asmt		Date	8	560-567

Item Subsets

Active: HA
Inactive: HUV,HD,XX

Item Values

Value	LOINC Code	Value Text
YYYYMMDD		Date the patient/responsible party was first asked about preferences regarding life-sustaining treatment other than
^		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) <=Z0350 (date assessment was completed) <= A0270 (discharge date) <= Z0500B (date of signature of person verifying record completion) <= submission date -----

HOPE Data Submission Specifications (V1.00.1)

Detailed Data Specifications Report

Section: F

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)

-3063	Consistency	Warning	Section F Date Rules: (a) If F2000B is active and not equal to [^], then A0220 - F2000B <= 7. (b) If F2100B is active and not equal to [^], then A0220 - F2100B <= 7. (c) If F2200B is active and not equal to [^], then A0220 - F2200B <= 7. (d) If F3000B is active and not equal to [^], then A0220 - F3000B <= 7.
-3036	Skip pattern	Fatal	a) If F2100A=[0], then if F2100B is active it must equal [^]. b) If F2100A=[1,2], then if F2100B is active it must not equal [^].

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Changes for Version V1.00.1

Type	ID	Description
Format	-3010	[V1.00.1]-Added mapping to item J2052B.
Consistency	-3032	[V1.00.1]-Revised Group A date order such that Z0350 is earlier than or equal to A0270. Added mappings to J2050B and J2052B, since they are Group B dates.
Consistency	-3063	[V1.00.1]-Revised to provide more detailed logic.

HOPE Data Submission Specifications (V1.00.1)

Detailed Data Specifications Report

Section: F

Item ID: F2200A

Item Label	Item Group	LOINC Code	Item Type	Max Length	Fixed Format Start-End Bytes
Was ptnt/rsp prty asked hospitalization	Asmt		Code	1	568-568

Item Subsets

Active: HA
Inactive: HUV,HD,XX

Item Values

Value	LOINC Code	Value Text
0		No
1		Yes, and discussion occurred
2		Yes, but the patient/responsible party refused to discuss

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.
-3037	Skip pattern	Fatal	a) If F2200A=[0], then if F2200B is active it must equal [^]. b) If F2200A=[1,2], then if F2200B is active it must not equal [^].

Changes for Version V1.00.1

Type	ID	Description
Format	-3009	[V1.00.1]-Removed mapping to item J2052B and mapped it to the date format edit -3010. Removed mapping to deleted item A0800 and added mapping to new item A0810. Added mapping to ASMT_SYS_CD.

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Detailed Data Specifications Report

Section: F

Item ID: F2200B

Item Label	Item Group	LOINC Code	Item Type	Max Length	Fixed Format Start-End Bytes
Date ptnt/rsp prty asked hospitalization	Asmt		Date	8	569-576

Item Subsets

Active: HA
Inactive: HUV,HD,XX

Item Values

Value	LOINC Code	Value Text
YYYYMMDD		Date the patient/responsible party was first asked about preference regarding hospitalization
^		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) <=Z0350 (date assessment was completed) <= A0270 (discharge date) <= Z0500B (date of signature of person verifying record completion) <= submission date -----

HOPE Data Submission Specifications (V1.00.1)

Detailed Data Specifications Report

Section: F

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)

-3063	Consistency	Warning	Section F Date Rules: (a) If F2000B is active and not equal to [^], then A0220 - F2000B <= 7. (b) If F2100B is active and not equal to [^], then A0220 - F2100B <= 7. (c) If F2200B is active and not equal to [^], then A0220 - F2200B <= 7. (d) If F3000B is active and not equal to [^], then A0220 - F3000B <= 7.
-3037	Skip pattern	Fatal	a) If F2200A=[0], then if F2200B is active it must equal [^]. b) If F2200A=[1,2], then if F2200B is active it must not equal [^].

HOPE Data Submission Specifications (V1.00.1)
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Section: F

Changes for Version V1.00.1

Type	ID	Description
Format	-3010	[V1.00.1]-Added mapping to item J2052B.
Consistency	-3032	[V1.00.1]-Revised Group A date order such that Z0350 is earlier than or equal to A0270. Added mappings to J2050B and J2052B, since they are Group B dates.
Consistency	-3063	[V1.00.1]-Revised to provide more detailed logic.

HOPE Data Submission Specifications (V1.00.1)

Detailed Data Specifications Report

Section: F

Item ID: F3000A

Item Label	Item Group	LOINC Code	Item Type	Max Length	Fixed Format Start-End Bytes
Was ptnt/crgvr asked sprtual/exstntial cnrcns	Asmt		Code	1	577-577

Item Subsets

Active: HA
Inactive: HUV,HD,XX

Item Values

Value	LOINC Code	Value Text
0		No
1		Yes, and discussion occurred
2		Yes, but the patient and/or caregiver refused to discuss

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.
-3038	Skip pattern	Fatal	a) If F3000A=[0], then if F3000B is active it must equal [^]. b) If F3000A=[1,2], then if F3000B is active it must not equal [^].

Changes for Version V1.00.1

Type	ID	Description
Format	-3009	[V1.00.1]-Removed mapping to item J2052B and mapped it to the date format edit -3010. Removed mapping to deleted item A0800 and added mapping to new item A0810. Added mapping to ASMT_SYS_CD.

HOPE Data Submission Specifications (V1.00.1)

Detailed Data Specifications Report

Section: F

Item ID: F3000B

Item Label	Item Group	LOINC Code	Item Type	Max Length	Fixed Format Start-End Bytes
Date ptnt/crgvr asked sprtual/exstntial cnrcns	Asmt		Date	8	578-585

Item Subsets

Active: HA
Inactive: HUV,HD,XX

Item Values

Value	LOINC Code	Value Text
YYYYMMDD		Date the patient and/or caregiver was first asked about spiritual/existential concerns
^		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) <=Z0350 (date assessment was completed) <= A0270 (discharge date) <= Z0500B (date of signature of person verifying record completion) <= submission date -----

HOPE Data Submission Specifications (V1.00.1)

Detailed Data Specifications Report

Section: F

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)

-3063	Consistency	Warning	Section F Date Rules: (a) If F2000B is active and not equal to [^], then A0220 - F2000B <= 7. (b) If F2100B is active and not equal to [^], then A0220 - F2100B <= 7. (c) If F2200B is active and not equal to [^], then A0220 - F2200B <= 7. (d) If F3000B is active and not equal to [^], then A0220 - F3000B <= 7.
-3038	Skip pattern	Fatal	a) If F3000A=[0], then if F3000B is active it must equal [^]. b) If F3000A=[1,2], then if F3000B is active it must not equal [^].

HOPE Data Submission Specifications (V1.00.1)
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Changes for Version V1.00.1

Type	ID	Description
Format	-3010	[V1.00.1]-Added mapping to item J2052B.
Consistency	-3032	[V1.00.1]-Revised Group A date order such that Z0350 is earlier than or equal to A0270. Added mappings to J2050B and J2052B, since they are Group B dates.
Consistency	-3063	[V1.00.1]-Revised to provide more detailed logic.