

# HOPE Data Submission Specifications (V1.00.1)

## Detailed Data Specifications Report

### Section: Control

Item ID: ASMT\_SYS\_CD

Item Label	Item Group	LOINC Code	Item Type	Max Length	Fixed Format Start-End Bytes
Assessment system code	Control		Code	10	1-10

#### Item Subsets

Active: HA,HUV,HD,XX  
Inactive:

#### Item Values

Value	LOINC Code	Value Text
HOPE		Assessment system code

#### 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.

#### 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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### Section: Control

Item ID: ITM\_SBST\_CD

Item Label	Item Group	LOINC Code	Item Type	Max Length	Fixed Format Start-End Bytes
Item subset code	Control		Code	3	21-23

#### Item Subsets

Active: HA,HUV,HD,XX

Inactive:

#### Item Values

Value	LOINC Code	Value Text
HA		HOPE admission assessment: A0050=[1,2] and A0250=[1]
HD		HOPE discharge assessment: A0050=[1,2] and A0250=[9]
HUV		HOPE Update Visit: A0050=[1,2] and A0250=[2,3]
XX		Inactivation record: A0050=[3] and A0250=[1,2,3,9]

#### 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.
-3028	Consistency	Fatal	The Item Subset Code (ISC) is a two- or three-character code that indicates the type of record that is being submitted. The set of active items is controlled by the ISC.

The submission system will recalculate the ISC and compare the recalculated value with the value that is submitted in ITM\_SBST\_CD. If the recalculated value does not match the value submitted in ITM\_SBST\_CD, a fatal error will result.

The ISC is defined as follows:

If A0050 = [1,2] and A0250 = [1] then ITM\_SBST\_CD = [HA]  
If A0050 = [1,2] and A0250 = [2,3] then ITM\_SBST\_CD = [HUV]  
If A0050 = [1,2] and A0250 = [9] then ITM\_SBST\_CD = [HD]  
If A0050 = [3] and A0250 = [1,2,3,9] then ITM\_SBST\_CD = [XX]

For a more complete explanation of the meaning and use of the ISC codes, please refer to the

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documentation that accompanies these data specifications.

#### *Changes for Version V1.00.1*

Type	ID	Description
Item	ITM_SBST_CD	[V1.00.1]-Revised admission assessment value from ADM to HA. Revised discharge assessment value from DC to HD.
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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Item ID: ITM\_SET\_VRSN\_CD

Item Label	Item Group	LOINC Code	Item Type	Max Length	Fixed Format Start-End Bytes
Item set version code	Control		Code	10	24-33

Item Subsets

Active: HA,HUV,HD,XX  
Inactive:

Item Values

Value	LOINC Code	Value Text
1.00		Initial version of HOPE item set (effective 10/01/2025)

Item Edits

Edit ID	Edit Type	Severity	Edit Text
-3065	Format	Warning	Version Code Values: The version code submitted should match one of the values listed in the Item Values table of the Detailed Data Specifications Report.

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### Section: Control

Item ID: SPEC\_VRSN\_CD

Item Label	Item Group	LOINC Code	Item Type	Max Length	Fixed Format Start-End Bytes
Specifications version code	Control		Code	10	34-43

#### Item Subsets

Active: HA,HUV,HD,XX

Inactive:

#### Item Values

Value	LOINC Code	Value Text
1.00		Initial version of HOPE data specifications (effective 10/01/2025)

#### Item Edits

Edit ID	Edit Type	Severity	Edit Text
-3065	Format	Warning	Version Code Values: The version code submitted should match one of the values listed in the Item Values table of the Detailed Data Specifications Report.

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### Section: Control

Item ID: CRCTN\_NUM

Item Label	Item Group	LOINC Code	Item Type	Max Length	Fixed Format Start-End Bytes
Correction number	Control		Number	2	44-45

#### Item Subsets

Active: HA,HUV,HD,XX

Inactive:

#### Item Values

Value	LOINC Code	Value Text
00		Minimum value
99		Maximum value

#### Item Edits

Edit ID	Edit Type	Severity	Edit Text
-3012	Format	Fatal	Values of Numeric Items: Only the values listed in the "Item Values" table of the Detailed Data Specifications Report may be submitted for this item. The submitted value must be greater than or equal to the minimum value listed in the table and less than or equal to the maximum value listed in the table, or it must match one of the remaining special values (if any) that are listed in the table. The length of the submitted value must not exceed the allowed maximum length for the item. Signed numbers (with a leading plus or minus sign) will
-3013	Format	Fatal	Formatting of Positive Integer Numeric Items: Only positive integer values and the special values (if any) that are listed in the "Item Values" table of the Detailed Data Specifications Report will be accepted for this item. Leading zeroes may be included or omitted from the submitted value as long as the resulting length of the string does not exceed the allowed maximum length for the item. A decimal point and decimal values are not allowed. A sign will not be accepted.
-3025	Consistency	Fatal	The following examples are allowable if the value to be submitted is equal to [1] and the maximum length is equal to 2: [1], [01]. The following values are NOT allowed and will lead to a fatal error: [1.], [1.0], [01.], The first record that is submitted to correct or inactivate an existing record must have a value of "01" in CRCTN_NUM (correction number). If that correction/inactivation is accepted and if a subsequent correction/inactivation is required, it must have a value of "02", and so on. In other words, the correction number in CRCTN_NUM on the first correction/inactivation must be "01", and the value on each subsequent correction/inactivation must be incremented by 1. If the value submitted in CRCTN_NUM is

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incorrect, a fatal error will result and the submitted record will be rejected.

-3052

Consistency

Fatal

If A0050=[1], then CRCTN\_NUM must equal [00].

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### Section: Control

Item ID: STATE\_CD

Item Label	Item Group	LOINC Code	Item Type	Max Length	Fixed Format Start-End Bytes
Provider's state postal code	Control		Code	2	46-47

#### Item Subsets

Active: HA,HUV,HD,XX

Inactive:

#### Item Values

Value	LOINC Code	Value Text
AL		Alabama
AK		Alaska
AZ		Arizona
AR		Arkansas
CA		California
CO		Colorado
CT		Connecticut
DE		Delaware
DC		District of Columbia
FL		Florida
GA		Georgia
GU		Guam
HI		Hawaii
ID		Idaho
IL		Illinois
IN		Indiana
IA		Iowa
KS		Kansas
KY		Kentucky
LA		Louisiana
ME		Maine



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### Section: Control

MD	Maryland
MA	Massachusetts
MI	Michigan
MN	Minnesota
MS	Mississippi
MO	Missouri
MP	Northern Mariana Islands
MT	Montana
NE	Nebraska
NV	Nevada
NH	New Hampshire
NJ	New Jersey
NM	New Mexico
NY	New York
NC	North Carolina
ND	North Dakota
OH	Ohio
OK	Oklahoma
OR	Oregon
PA	Pennsylvania
PR	Puerto Rico
RI	Rhode Island
SC	South Carolina
SD	South Dakota
TN	Tennessee
TX	Texas
UT	Utah
VT	Vermont
VA	Virginia
VI	Virgin Islands
WA	Washington
WV	West Virginia

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WI	Wisconsin
WY	Wyoming

#### ***Item Edits***

<b>Edit ID</b>	<b>Edit Type</b>	<b>Severity</b>	<b>Edit Text</b>
-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.

#### ***Changes for Version V1.00.1***

<b>Type</b>	<b>ID</b>	<b>Description</b>
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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### Section: Control

Item ID: FAC\_ID

Item Label	Item Group	LOINC Code	Item Type	Max Length	Fixed Format Start-End Bytes
Assigned provider submission ID	Control		Text	16	48-63

#### Item Subsets

Active: HA,HUV,HD,XX

Inactive:

#### Item Values

Value	LOINC Code	Value Text
Text		Assigned provider submission ID

#### Item Edits

Edit ID	Edit Type	Severity	Edit Text
-3022	Format	Fatal	This is a required text item. A valid non-blank value must be submitted.
-3020	Consistency	Fatal	FAC_ID is the facility/provider ID. a) This must be the FAC_ID assigned to the provider upon registration. The submitted value must match the FAC_ID in iQIES for the facility or provider. b) A user submitting a file for a provider must be authorized to submit for the provider identified by the FAC_ID item in the file.

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### Section: Control

Item ID: SFTWR\_VNDR\_ID

Item Label	Item Group	LOINC Code	Item Type	Max Length	Fixed Format Start-End Bytes
Software vendor federal employer tax ID	Control		Text	9	64-72

#### Item Subsets

Active: HA,HUV,HD,XX

Inactive:

#### Item Values

Value	LOINC Code	Value Text
Text		Software vendor federal employer tax identification number

#### Item Edits

Edit ID	Edit Type	Severity	Edit Text
-3015	Format	Fatal	Formatting of Numeric Text Items: If this item is not equal to one of the special values (if any) that are listed in the Item Values table of the Detailed Data Specifications Report, then it must contain a text string. This text string may contain only the characters [0] through [9].
-3022	Format	Fatal	This is a required text item. A valid non-blank value must be submitted.
-3026	Format	Fatal	The length of the text submitted for a free-form text item must not exceed the maximum length specified for that item.
-3054	Format	Fatal	SFTWR_VNDR_ID must contain an Employer ID Number which is 9 digits long.

#### Supplemental Information

Info ID	Type	Text
-9003	Information	Valid federal tax ID (EIN) for the company that developed the software used to create the hospice data submission file.

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### Section: Control

Item ID: SFTWR\_VNDR\_NAME

Item Label	Item Group	LOINC Code	Item Type	Max Length	Fixed Format Start-End Bytes
Software vendor company name	Control		Text	30	73-102

#### Item Subsets

Active: HA,HUV,HD,XX

Inactive:

#### Item Values

Value	LOINC Code	Value Text
Text		Software vendor company name

#### Item Edits

Edit ID	Edit Type	Severity	Edit Text
-3022	Format	Fatal	This is a required text item. A valid non-blank value must be submitted.
-3026	Format	Fatal	The length of the text submitted for a free-form text item must not exceed the maximum length specified for that item.
-3029	Format	Fatal	<p>Formatting of Alphanumeric Text Items That Can Contain Dashes, Spaces, Ampersands, and Other Special Characters:</p> <p>If this item is not equal to one of the special values (if any) that are listed in the Item Values table of the Detailed Data Specifications Report, then it must contain a text string. This text string may contain only the following characters:</p> <p>a) The numeric characters: [0] through [9].</p> <p>b) The letters [A] through [Z] and [a] through [z].</p> <p>c) The character [-], as long as the dash is not the only character in the text string.</p> <p>d) The following special characters:</p> <p>[&amp;] (ampersand)</p> <p>[@] (at sign)</p> <p>['] (single quote)</p> <p>[/] (forward slash)</p> <p>[+] (plus sign)</p> <p>[,] (comma)</p> <p>[.] (period)</p> <p>[_] (underscore)</p> <p>e) Embedded spaces (spaces surrounded by any of the characters listed above). For example, [LEGAL TEXT]</p>

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would be allowed.

***Supplemental Information***

<b>Info ID</b>	<b>Type</b>	<b>Text</b>
-9006	Information	Any letters that are contained in this item may be submitted as lower case or upper case, but will be converted and stored as upper case in iQIES. System reports will therefore display upper case values.

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### Section: Control

Item ID: SFTWR\_VNDR\_EMAIL\_ADR

Item Label	Item Group	LOINC Code	Item Type	Max Length	Fixed Format Start-End Bytes
Software vendor email address	Control		Text	50	103-152

#### Item Subsets

Active: HA,HUV,HD,XX

Inactive:

#### Item Values

Value	LOINC Code	Value Text
Text		Software vendor email address

#### Item Edits

Edit ID	Edit Type	Severity	Edit Text
-3019	Format	Fatal	Formatting of email address. Any valid email address will be accepted. The text string may contain any printable characters except the following: ' single quote " double quote , comma ; semi-colon : colon \ back slash ( ) right and left parentheses [ ] right and left brackets { } right and left braces < less than > greater than space (embedded space)
-3022	Format	Fatal	This is a required text item. A valid non-blank value must be submitted.
-3026	Format	Fatal	The length of the text submitted for a free-form text item must not exceed the maximum length specified for that item.

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***Supplemental Information***

<b>Info ID</b>	<b>Type</b>	<b>Text</b>
-9005	Information	Email address of the vendor who created the software that was used to produce the hospice submission file.



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### Section: Control

Item ID: SFTWR\_PROD\_NAME

Item Label	Item Group	LOINC Code	Item Type	Max Length	Fixed Format Start-End Bytes
Software product name	Control		Text	50	153-202

#### Item Subsets

Active: HA,HUV,HD,XX

Inactive:

#### Item Values

Value	LOINC Code	Value Text
Text		Name of software product used to produce submission file
^		Blank (not available or unknown)

#### Item Edits

Edit ID	Edit Type	Severity	Edit Text
-3026	Format	Fatal	The length of the text submitted for a free-form text item must not exceed the maximum length specified for that item.
-3029	Format	Fatal	Formatting of Alphanumeric Text Items That Can Contain Dashes, Spaces, Ampersands, and Other Special Characters: If this item is not equal to one of the special values (if any) that are listed in the Item Values table of the Detailed Data Specifications Report, then it must contain a text string. This text string may contain only the following characters: a) The numeric characters: [0] through [9]. b) The letters [A] through [Z] and [a] through [z]. c) The character [-], as long as the dash is not the only character in the text string. d) The following special characters: [&] (ampersand) [@] (at sign) ['] (single quote) [/] (forward slash) [+] (plus sign) [,] (comma) [.] (period) [_] (underscore) e) Embedded spaces (spaces surrounded by any of the characters listed above). For example, [LEGAL TEXT] would be allowed.

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-3027	Consistency	Fatal	a) If SFTWR_PROD_NAME is equal to [^], then SFTWR_PROD_VRSN_CD must be equal to [^].  b) If SFTWR_PROD_NAME is not equal to [^], then SFTWR_PROD_VRSN_CD must not be equal to [^].
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#### ***Supplemental Information***

Info ID	Type	Text
-9004	Information	Name of the software that was used to create the hospice data submission file.
-9006	Information	Any letters that are contained in this item may be submitted as lower case or upper case, but will be converted and stored as upper case in iQIES. System reports will therefore display upper case values.

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Item ID: SFTWR\_PROD\_VRSN\_CD

Item Label	Item Group	LOINC Code	Item Type	Max Length	Fixed Format Start-End Bytes
Software product version code	Control		Text	20	203-222

#### Item Subsets

Active: HA,HUV,HD,XX

Inactive:

#### Item Values

Value	LOINC Code	Value Text
Text		Version number of software product used to produce submission file
^		Blank (not available or unknown)

#### Item Edits

Edit ID	Edit Type	Severity	Edit Text
-3017	Format	Fatal	Formatting of Alphanumeric Text Items That Can Contain Dashes, Spaces, and Special Characters: If this item is not equal to one of the special values (if any) that are listed in the Item Values table of the Detailed Data Specifications Report, then it must contain a text string. This text string may contain only the following characters: a) The numeric characters: [0] through [9]. b) The letters [A] through [Z] and [a] through [z]. c) The character [-], as long as the dash is not the only character in the text string. d) The following special characters: [@] (at sign) ['] (single quote) [/] (forward slash) [+] (plus sign) [,] (comma) [.] (period) [_] (underscore) e) Embedded spaces (spaces surrounded by any of the characters listed above). For example, [LEGAL TEXT] would be allowed.
-3026	Format	Fatal	The length of the text submitted for a free-form text item must not exceed the maximum length specified for that item.
-3027	Consistency	Fatal	a) If SFTWR_PROD_NAME is equal to [^], then SFTWR_PROD_VRSN_CD must be equal to [^].

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***Supplemental Information***

<b>Info ID</b>	<b>Type</b>	<b>Text</b>
-9001	Information	Vendor's version number for the software that was used to create the hospice data submission file.
-9006	Information	Any letters that are contained in this item may be submitted as lower case or upper case, but will be converted and stored as upper case in iQIES. System reports will therefore display upper case values.