

Data Submission Specifications for the MDS 3.0 (V3.11.0)

Detailed Data Specifications Report

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Item ID: Z0100A

Item Label	Item Group	LOINC Code	Item Type	Max Length	Fixed Format Start-End Bytes
Medicare Part A: HIPPS code	Asmt		Text	7	1344-1350

Item Subsets

Active: NC,NQ,NP,IPA,SP
Inactive: ND,NT,NPE,SD,ST,XX
State optional:

Item Values

Value	LOINC Code	Value Text
Text		Medicare Part A HIPPS code
^		Blank (not available or unknown)

Item Edits

Edit ID	Edit Type	Severity	Edit Text
-3793	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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Edit ID	Edit Type	Severity	Edit Text
-3802	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 [-]. 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.
-3935	Consistency	Warning	If the item is active and contains a value, the value should be consistent with all of the MDS items used in the PDPM classification (i.e., the HIPPS calculation should be correct). For items Z0100A and Z0100B, the submission system will recalculate the (a) HIPPS code, and (b) the version code. The submission system will issue a warning if the recalculated values do not match the submitted values. The following instructions only apply to OSA assessments OR assessments with a target date earlier than 10/01/2023 (i.e., corrections): For items Z0200A, Z0200B, Z0250A and Z0250B, the submission system will recalculate the (a) submitted RUGs group, (b) RUG version code, if the State is using a CMS supported RUG model, and (c) the short stay indicator (Z0200C). A warning will be issued if the recalculated codes do not match the submitted codes.

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Supplemental Information

Info ID	Type	Text
-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 by the MDS Submission System. System reports will therefore display upper case values.
-9020	Information	The maximum length of Z0100A is 7 characters even though the HIPPS code is currently 5 characters in length for 5-day and Interim Payment assessments, and 4 characters in length for OBRA's. The extra characters are included to allow for future expansion.

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Item ID: Z0100B

Item Label	Item Group	LOINC Code	Item Type	Max Length	Fixed Format Start-End Bytes
Medicare Part A: Version code	Asmt		Text	10	1351-1360

Item Subsets

Active: NC,NQ,NP,IPA,SP
Inactive: ND,NT,NPE,SD,ST,XX
State optional:

Item Values

Value	LOINC Code	Value Text
Text		Valid HIPPS version code
^		Blank (not available or unknown)

Item Edits

Edit ID	Edit Type	Severity	Edit Text
-3793	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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Edit ID	Edit Type	Severity	Edit Text
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-3935	Consistency	Warning	If the item is active and contains a value, the value should be consistent with all of the MDS items used in the PDPM classification (i.e., the HIPPS calculation should be correct). For items Z0100A and Z0100B, the submission system will recalculate the (a) HIPPS code, and (b) the version code. The submission system will issue a warning if the recalculated values do not match the submitted values. The following instructions only apply to OSA assessments OR assessments with a target date earlier than 10/01/2023 (i.e., corrections): For items Z0200A, Z0200B, Z0250A and Z0250B, the submission system will recalculate the (a) submitted RUGs group, (b) RUG version code, if the State is using a CMS supported RUG model, and (c) the short stay indicator (Z0200C). A warning will be issued if the recalculated codes do not match the submitted codes.

Supplemental Information

Info ID	Type	Text
-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 by the MDS Submission System. System reports will therefore display upper case values.

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Item ID: Z0200A

Item Label	Item Group	LOINC Code	Item Type	Max Length	Fixed Format Start-End Bytes
State case mix: Group	Asmt		Text	10	1379-1388

Item Subsets

Active: NC,NQ,NP
Inactive: ND,NT,NPE,IPA,SP,SD,ST,XX
State optional:

Item Values

Value	LOINC Code	Value Text
Text		State Case Mix Group
^		Blank (not available or unknown)

Item Edits

Edit ID	Edit Type	Severity	Edit Text
-3793	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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Edit ID	Edit Type	Severity	Edit Text
-3802	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 [-]. 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.
-3935	Consistency	Warning	If the item is active and contains a value, the value should be consistent with all of the MDS items used in the PDPM classification (i.e., the HIPPS calculation should be correct). For items Z0100A and Z0100B, the submission system will recalculate the (a) HIPPS code, and (b) the version code. The submission system will issue a warning if the recalculated values do not match the submitted values. The following instructions only apply to OSA assessments OR assessments with a target date earlier than 10/01/2023 (i.e., corrections): For items Z0200A, Z0200B, Z0250A and Z0250B, the submission system will recalculate the (a) submitted RUGs group, (b) RUG version code, if the State is using a CMS supported RUG model, and (c) the short stay indicator (Z0200C). A warning will be issued if the recalculated codes do not match the submitted codes.

Supplemental Information

Info ID	Type	Text
-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 by the MDS Submission System. System reports will therefore display upper case values.

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Item ID: Z0200B

Item Label	Item Group	LOINC Code	Item Type	Max Length	Fixed Format Start-End Bytes
State case mix: Version code	Asmt		Text	10	1389-1398

Item Subsets

Active: NC,NQ,NP
Inactive: ND,NT,NPE,IPA,SP,SD,ST,XX
State optional:

Item Values

Value	LOINC Code	Value Text
Text		Valid case mix version code
^		Blank (not available or unknown)

Item Edits

Edit ID	Edit Type	Severity	Edit Text
-3793	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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Edit ID	Edit Type	Severity	Edit Text
-3802	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 [-]. 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.
-3935	Consistency	Warning	If the item is active and contains a value, the value should be consistent with all of the MDS items used in the PDPM classification (i.e., the HIPPS calculation should be correct). For items Z0100A and Z0100B, the submission system will recalculate the (a) HIPPS code, and (b) the version code. The submission system will issue a warning if the recalculated values do not match the submitted values. The following instructions only apply to OSA assessments OR assessments with a target date earlier than 10/01/2023 (i.e., corrections): For items Z0200A, Z0200B, Z0250A and Z0250B, the submission system will recalculate the (a) submitted RUGs group, (b) RUG version code, if the State is using a CMS supported RUG model, and (c) the short stay indicator (Z0200C). A warning will be issued if the recalculated codes do not match the submitted codes.

Supplemental Information

Info ID	Type	Text
-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 by the MDS Submission System. System reports will therefore display upper case values.

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Item ID: Z0200C

Item Label	Item Group	LOINC Code	Item Type	Max Length	Fixed Format Start-End Bytes
State case mix: Short Stay Assessment	Asmt		Code	1	1825-1825

Item Subsets

Active:

Inactive: NC,NQ,NP,ND,NT,NPE,IPA,SP,SD,ST,XX

State optional:

Item Values

Value	LOINC Code	Value Text
0		No
1		Yes

Item Edits

Edit ID	Edit Type	Severity	Edit Text
-3676	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.
-3935	Consistency	Warning	If the item is active and contains a value, the value should be consistent with all of the MDS items used in the PDPM classification (i.e., the HIPPS calculation should be correct). For items Z0100A and Z0100B, the submission system will recalculate the (a) HIPPS code, and (b) the version code. The submission system will issue a warning if the recalculated values do not match the submitted values. The following instructions only apply to OSA assessments OR assessments with a target date earlier than 10/01/2023 (i.e., corrections): For items Z0200A, Z0200B, Z0250A and Z0250B, the submission system will recalculate the (a) submitted RUGs group, (b) RUG version code, if the State is using a CMS supported RUG model, and (c) the short stay indicator (Z0200C). A warning will be issued if the recalculated codes do not match the submitted codes.

Version Changes

Type	ID	Description
Format	-3676	[V3.11.0]-Removed mapping to deleted item O0350.

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Item ID: Z0250A

Item Label	Item Group	LOINC Code	Item Type	Max Length	Fixed Format Start-End Bytes
State case mix: Alternate group	Asmt		Text	10	1399-1408

Item Subsets

Active: NC,NQ,NP
Inactive: ND,NT,NPE,IPA,SP,SD,ST,XX
State optional:

Item Values

Value	LOINC Code	Value Text
Text		Alternate State Case Mix Group
^		Blank (not available or unknown)

Item Edits

Edit ID	Edit Type	Severity	Edit Text
-3793	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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-3802	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 [-]. 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.
-3935	Consistency	Warning	If the item is active and contains a value, the value should be consistent with all of the MDS items used in the PDPM classification (i.e., the HIPPS calculation should be correct). For items Z0100A and Z0100B, the submission system will recalculate the (a) HIPPS code, and (b) the version code. The submission system will issue a warning if the recalculated values do not match the submitted values. The following instructions only apply to OSA assessments OR assessments with a target date earlier than 10/01/2023 (i.e., corrections): For items Z0200A, Z0200B, Z0250A and Z0250B, the submission system will recalculate the (a) submitted RUGs group, (b) RUG version code, if the State is using a CMS supported RUG model, and (c) the short stay indicator (Z0200C). A warning will be issued if the recalculated codes do not match the submitted codes.

Supplemental Information

Info ID	Type	Text
-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 by the MDS Submission System. System reports will therefore display upper case values.

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Item ID: Z0250B

Item Label	Item Group	LOINC Code	Item Type	Max Length	Fixed Format Start-End Bytes
State case mix: Alternate version code	Asmt		Text	10	1409-1418

Item Subsets

Active: NC,NQ,NP
Inactive: ND,NT,NPE,IPA,SP,SD,ST,XX
State optional:

Item Values

Value	LOINC Code	Value Text
Text		Valid version code
^		Blank (not available or unknown)

Item Edits

Edit ID	Edit Type	Severity	Edit Text
-3793	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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Edit ID	Edit Type	Severity	Edit Text
-3802	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 [-]. 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.
-3935	Consistency	Warning	If the item is active and contains a value, the value should be consistent with all of the MDS items used in the PDPM classification (i.e., the HIPPS calculation should be correct). For items Z0100A and Z0100B, the submission system will recalculate the (a) HIPPS code, and (b) the version code. The submission system will issue a warning if the recalculated values do not match the submitted values. The following instructions only apply to OSA assessments OR assessments with a target date earlier than 10/01/2023 (i.e., corrections): For items Z0200A, Z0200B, Z0250A and Z0250B, the submission system will recalculate the (a) submitted RUGs group, (b) RUG version code, if the State is using a CMS supported RUG model, and (c) the short stay indicator (Z0200C). A warning will be issued if the recalculated codes do not match the submitted codes.

Supplemental Information

Info ID	Type	Text
-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 by the MDS Submission System. System reports will therefore display upper case values.

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Item ID: Z0500B

Item Label	Item Group	LOINC Code	Item Type	Max Length	Fixed Format Start-End Bytes
Date RN signed assessment as complete	Asmt		Date	8	1419-1426

Item Subsets

Active: NC,NQ,NP,ND,NPE,IPA,SP,SD
Inactive: NT,ST,XX
State optional:

Item Values

Value	LOINC Code	Value Text
YYYYMMDD		Signature date

Item Edits

Edit ID	Edit Type	Severity	Edit Text
-3677	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, 2011 must be submitted as "20110101".

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Edit ID	Edit Type	Severity	Edit Text
-3810	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. There are different rules for new records (where A0050 (formerly X0100)=[1]) and for modifications and inactivations (where A0050 (formerly X0100)=[2,3]). RULES FOR NEW RECORDS (WHERE A0050=[1]): The following rules apply to new records, where A0050=[1]. a) If A0310F is equal to [01] (entry record), then submission date - A1600 (entry date) should be less than or equal to 14 days. b) If A0310F is equal to [12] (death in facility record), then submission date - A2000 (discharge date) should be less than or equal to 14 days. c) If A0310F is equal to [10,11,99] and A0310A is equal to [01,03,04,05] (comprehensive assessment), then submission date - V0200C2 (care plan completion date) should be less than or equal to 14 days. d) If A0310F is equal to [10,11,99] and A0310A is equal to [02,06,99] (all other types of assessment), then submission date - Z0500B (assessment completion date) should be less than or equal to 14 days. RULES FOR MODIFICATIONS/INACTIVATIONS (WHERE A0050=[2,3]): e) If A0050 is equal to [2,3] (modification or inactivation record), then submission date - X1100E (attestation date) should be less than or equal to 14 days.
-3749	Consistency	Warning	Date Span Requirements The following rules describe allowable spans between pairs of dates. Each rule applies if both date items in the pair are active and contain valid dates (not dashes or other special values). Violation of these rules will result in warnings. a) Z0500B (completion date) - A2300 (assessment reference date) <= 14 days. b) If A0310A is equal to [03,04,05], then V0200B2 (CAA process signature date) - A2300 (assessment reference date) <= 14 days. c) V0200C2 (CAA care plan signature date) - V0200B2 (CAA process signature date) <= 7 days. d) If A0310A is equal to [01], then Z0500B (completion date) - A1600 (entry date) <= 13 days. e) If A0310A is equal to [01], then V0200B2 (CAA process signature date) - A1600 (entry date) <= 13 days.

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Edit ID	Edit Type	Severity	Edit Text
-4075	Consistency	Fatal	Date Item Consistency Rules Date items fall into four groups, designated Group A, B, C, and D below. Each group has its own consistency rules. ----- GROUP A RULES (Edit -4073a) Group A items are listed below. Each active item in this list that contains a valid date (not blank or dashes) must be in the specified order: A0900 (birthdate) <= A1900 (admission date) <= A1600 (entry date) <= A2300 (assessment reference date) = A2000 (discharge date) <= Z0500B (date RN signed assessment as complete) <= V0200B2 (CAT assessment process signature date) <= V0200C2 (CAT care planning signature date) <= X1100E (correction: attestation date) <= current date ----- GROUP B (Edit -4073b) Group B items are listed below. Each active item in this list that contains a valid date (not blank or dashes) must obey all of the following rules: 1. Each Group B date must be greater than or equal to A0900 (birthdate). 2. Each Group B date must be less than or equal to A2300 (assessment reference date) if A2300 is active. 3. If A0310F is equal to [10,11,12] (if A2000 discharge date is completed), then each Group B date must be less than or equal to A2000. 4. For start/end date pairs shown below, the start date must be less than or equal to the end date. 5. Otherwise, the Group B dates may be in any order. The following is a list of Group B dates: A2400B <= A2400C (Medicare stay start/end) O0250B (date influenza vaccine received) V0100C (prior assessment reference date) -----

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Edit ID	Edit Type	Severity	Edit Text
-4075			GROUP C RULES
con't			The Group C rules only apply to records where A0310A = [05, 06] (significant correction to prior comprehensive or quarterly). RULE C1 (Edit -4073c1) If A0310A=[05,06] and A1700=[1] (admission), then Rule C1 applies: A1600 (entry date) <= A2200 (previous ARD for significant correction)<= A2300 (assessment reference date) RULE C2: (Edit -4073c2) If A0310A=[05,06] and A1700=[2] (reentry), then Rule C2 applies: A0900 (birthdate) <= A2200 (previous ARD for significant correction) <= A2300 (assessment reference date)