Item ID: ASMT_SYS_CD

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

Item Subsets

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

Inactive:

State optional:

Item Values

Value	LOINC Code	Value Text
MDS		MDS assessment system

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.

Version Changes

Type	ID	Description
Format	-3676	[V3.10.0]-Mappings were added to the following new items: O0390A-E, O0390Z, R0310, R0320A, R0320B, R0330, R0340. Mappings were removed from the following deleted items: A1250A-Y.

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	11-13

Item Subsets

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

Item Values

Value	LOINC Code	Value Text
NC		Nursing home comprehensive assessment
NQ		Nursing home quarterly assessment
NP		Nursing home PPS assessment
ND		Nursing home discharge assessment
NT		Nursing home tracking record (entry/death record)
NPE		Nursing home PPS Part A Discharge (End of Stay)
SP		Swing bed PPS assessment
SD		Swing bed discharge assessment
ST		Swing bed tracking record (entry/death record)
XX		Inactivation record (nursing home or swing bed)
IPA		Interim payment assessment
OSA		Other state assessment

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.
-3796	Consistency	Fatal	The submission system will recalculate the ISC and compare the recalculated value with the value that is submitted in ITM_SBST_CD. If A0050 (formerly X0100)=[3] (the record is an inactivation), then the recalculated ISC value will be [XX]. If A0050=[1,2] (the record is a new record or a modification record), then the recalculated ISC value will be based upon the submitted RFA values. In either case, if the recalculated value does not match the value submitted in ITM_SBST_CD, a fatal error will result.
-3839	Consistency	Fatal	If A0050 (formerly X0100)=[2] (modification record), then the value in ITM_SBST_CD in the modification record must be equal to the value that was submitted in the prior record (the record that is being modified).

Version Changes

Type	ID	Description
Format	-3676	[V3.10.0]-Mappings were added to the following new items: O0390A-E, O0390Z, R0310, R0320A, R0320B, R0330, R0340. Mappings were removed from the following deleted items: A1250A-Y.

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	14-23

Item Subsets

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

Item Values

Value	LOINC Code	Value Text
1.00		Initial version of MDS 3.0 item set
1.10		First update to MDS 3.0 item set (effective 04/01/2012)
1.11		Second update to MDS 3.0 item set (effective 10/01/2013)
1.12		Third update to MDS 3.0 item set (effective 10/01/2014)
1.13		Fourth update to MDS 3.0 item set (effective 10/01/2015)
1.14		Fifth update to MDS 3.0 item set (effective 10/01/2016)
1.15		Sixth update to MDS 3.0 item set (effective 10/01/2017)
1.16		Seventh update to MDS 3.0 item set (effective 10/01/2018)
1.17		Eighth update to MDS 3.0 item set (effective 10/01/2019)
1.18		Ninth update to MDS 3.0 item set (effective 10/01/2023)
1.19		Tenth update to MDS 3.0 item set (effective 10/01/2024)
1.20		Eleventh update to MDS 3.0 item set (effective 10/01/2025)

Item Edits

Edit ID	Edit Type	Severity	Edit Text
-3807	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. For example, do not submit [1.00.], [1.00.0], [1.00.1], or [1.00.2]. A value of [1.00] should be submitted instead.

Version Changes

Type	ID	Description
Item	ITM_SET_VRSN _CD	[V3.10.0]-Added new valid value [1.20] for the new item set.

Item ID: SPEC_VRSN_CD

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

Item Subsets

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

Item Values

Value	LOINC Code	Value Text
1.00		Initial version of data specifications (effective 10/01/2010)
1.01		First update to data specifications (effective 04/01/2011)
1.02		Second update to data specifications (effective 10/01/2011)
1.10		Third update to data specifications (effective 04/01/2012)
1.11		Fourth update to data specifications (effective 10/01/2012)
1.12		Fifth update to data specifications (effective 05/19/2013)
1.13		Sixth update to data specifications (effective 10/01/2013)
1.14		Seventh update to data specifications (effective 10/01/2014)
1.15		Eighth update to data specifications (effective 10/01/2015)
2.00		Ninth update to data specifications (effective 10/01/2016)
2.01		Tenth update to data specifications (effective 10/01/2017)
2.02		Eleventh update to data specifications (effective 10/01/2018)
3.00		Twelfth update to data specifications (effective 10/01/2019)
3.01		Thirteenth update to data specifications (effective 10/01/2023)
3.02		Fourteenth update to data specifications (effective 10/01/2024)
3.10		Fifteenth update to data specifications (effective 10/01/2025)

Item Edits

Edit ID	Edit Type	Severity	Edit Text
-3807	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. For example, do not submit [1.00.], [1.00.0], [1.00.1], or [1.00.2]. A value of [1.00] should be submitted instead.

Version Changes

Type	ID	Description
Item	SPEC_VRSN_CD	[V3.10.0]-Added new valid value [3.10] for the new specs.

Item ID: PRODN_TEST_CD

	Item Group	**LOINC Code**	**Item Type**	**Max Length**	**Fixed Format Start-End Bytes**
Item Label					
Production/test indicator	Control		Code	1	34-34

Item Subsets

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

Inactive:

State optional:

Item Values

Value	LOINC Code	Value Text
P		Production submission

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.

Version Changes

Type	ID	Description
Format	-3676	[V3.10.0]-Mappings were added to the following new items: O0390A-E, O0390Z, R0310, R0320A, R0320B, R0330, R0340. Mappings were removed from the following deleted items: A1250A-Y.

Item ID: STATE_CD

	Item Group	LOINC Code	Item Type	Max Length	Fixed Format Start-End Bytes
Item Label					
Facility's state postal code	Control		Code	2	35-36

Item Subsets

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

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
HI		Hawaii
ID		Idaho
IL		Illinois
IN		Indiana
IA		Iowa
KS		Kansas
KY		Kentucky
LA		Louisiana
ME		Maine
MD		Maryland
MA		Massachusetts
MI		Michigan
MN		Minnesota
MS		Mississippi

MO	Missouri
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
WI	Wisconsin
WY	Wyoming

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.

Version Changes

Type	ID	Description
Format	-3676	[V3.10.0]-Mappings were added to the following new items: O0390A-E, O0390Z, R0310, R0320A, R0320B, R0330, R0340. Mappings were removed from the following deleted items: A1250A-Y.

Item ID: FAC_ID

Item Label	Item Group	LOINC Code	Item Type	Max Length	Fixed Format Start-End Bytes
Assigned facility/provider submission ID	Control		Text	16	37-52

Item Subsets

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

Inactive:

State optional:

Item Values

Value	LOINC Code	Value Text
Text		Facility/provider submission ID

Item Edits

Edit ID	Edit Type	Severity	Edit Text
-3693	Format	Fatal	FAC_ID is the facility/provider ID. a) This must be the FAC_ID assigned to the provider. The state agency assigns the FAC_ID to nursing homes. The QIES system (QTSO help desk) assigns the FAC_ID to swing bed units. The submitted value must match the FAC_ID in the QIES Assessment Processing System 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.
-3702	Format	Fatal	This is a required text item. A valid non-blank value must be submitted.
-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.

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.

Item ID: SFTWR_VNDR_ID

	Item Group	LOINC Code	Item Type	Max Length	Fixed Format Start-End Bytes
Item Label					
Software vendor federal employer tax ID	Control		Text	9	53-61

Item Subsets

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

Inactive:

State optional:

Item Values

Value	LOINC Code	Value Text
Text		Software vendor federal employer tax identification number
^		Blank (not available or unknown)

Item Edits

Edit ID	Edit Type	Severity	Edit Text
-3687	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 following characters: a) The numeric characters: [0] through [9].
-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.
-3686	Consistency	Fatal	a) If the SFTWR_VNDR_ID is not equal to [^], then SFTWR_VNDR_NAME and SFTWR_VNDR_EMAIL_ADR must not equal [^]. b) If the SFTWR_VNDR_ID is equal to [^], then SFTWR_VNDR_NAME and SFTWR_VNDR_EMAIL_ADR must equal [^].

Supplemental Information

Info ID	Type	Text
-9003	Information	Valid federal tax ID (EIN) for the company that developed the software used to create the MDS 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 by the MDS Submission System. System reports will therefore display upper case values.

Item ID: SFTWR_VNDR_NAME

	Item Group	LOINC Code	Item Type	Max Length	Fixed Format Start-End Bytes
Item Label					
Software vendor company name	Control		Text	30	62-91

Item Subsets

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

Item Values

Value	LOINC Code	Value Text
Text		Software vendor company name
^		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.

-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.

-3686	Consistency	Fatal	a) If the SFTWR_VNDR_ID is not equal to [^], then SFTWR_VNDR_NAME and SFTWR_VNDR_EMAIL_ADR must not equal [^]. b) If the SFTWR_VNDR_ID is equal to [^], then SFTWR_VNDR_NAME and SFTWR_VNDR_EMAIL_ADR must equal [^].

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.

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	92-141

Item Subsets

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

Inactive:

State optional:

Item Values

Value	LOINC Code	Value Text
Text		Software vendor email address
^		Blank (not available or unknown)

Item Edits

Edit ID	Edit Type	Severity	Edit Text
-3692	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)
-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.
-3686	Consistency	Fatal	a) If the SFTWR_VNDR_ID is not equal to [^], then SFTWR_VNDR_NAME and SFTWR_VNDR_EMAIL_ADR must not equal [^]. b) If the SFTWR_VNDR_ID is equal to [^], then SFTWR_VNDR_NAME and SFTWR_VNDR_EMAIL_ADR must equal [^].

Supplemental Information

Info ID	Type	Text
-9005	Information	Email address of the vendor who created the software that was used to produce the MDS submission file.

Item ID: SFTWR_PROD_NAME

	Item Group	LOINC Code	Item Type	Max Length	Fixed Format Start-End Bytes
Item Label					
Software product name	Control		Text	50	142-191

Item Subsets

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

Inactive:

State optional:

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
-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.

-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.

-3794	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 [^].

Supplemental Information

Info ID	Type	Text
-9004	Information	Name of the software that was used to create the MDS 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 by the MDS Submission System. System reports will therefore display upper case values.

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	192-211

Item Subsets

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

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

-3690	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 [-].
			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.

-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.
-3794	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 [^].

Supplemental Information

Info ID	Type	Text
-9001	Information	Vendor's version number for the software that was used to create the MDS 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 by the MDS Submission System. System reports will therefore display upper case values.

Item ID: FAC_DOC_ID

	Item Group	LOINC Code	Item Type	Max Length	Fixed Format Start-End Bytes
Item Label					
Facility document ID	Control		Text	20	212-231

Item Subsets

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

Inactive:

State optional:

Item Values

Value	LOINC Code	Value Text
Text		Facility document ID
^		Blank (not available or unknown)

Item Edits

Edit ID	Edit Type	Severity	Edit Text

-3690	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 [-].
			 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.

-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.

Supplemental Information

Info ID	Type	Text
-9002	Information	Optional item. Can be used by facility for unique identification of record and for tracking records submitted to the MDS Submission System.

-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.

Item ID: STATE_PDPM_OBRA_CD

	Item Group	LOINC Code	Item Type	Max Length	Fixed Format Start-End Bytes
Item Label					
State calculation of PDPM for OBRA	Control		Code	1	1827-1827

Item Subsets

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

Item Values

Value	LOINC Code	Value Text
0		No, do not perform PDPM calculations for OBRAs
1		Yes, perform PDPM calculations for OBRAs

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.
-3966	Consistency	Warning	If A0310A=[01,02,03,04,05,06] and A0310B=[99] and the target date for the assessment is on or after October 1, 2020, then the iQIES value specified by the state for the date range where the target date of the assessment falls should match the submitted value for STATE_PDPM_OBRA_CD.
-3967	Consistency	Warning	If A0310B=[99] and STATE_PDPM_OBRA_CD is active and STATE_PDPM_OBRA_CD=[1] and I0020B cannot be found in either data spec dictionary table pdpm_icd_codes_FYxxxx or pdpm_icd_codes_2_FYxxxx (where FYxxxx is the fiscal year matching the target date of the assessment), then the PDPM cannot be determined for this assessment. NOTE: The submission system will use the iQIES value for the state where the assessment was performed instead of STATE_PDPM_OBRA_CD to determine whether this warning is applicable. This edit only applies to assessments with target date on or after October 1, 2020.
-3942	Skip pattern	Fatal	a) If A0310B=[01,08], then if J2100 is active, it must not be equal to [^]. b) If A0310B=[99], then --b1) If STATE_PDPM_OBRA_CD is active and STATE_PDPM_OBRA_CD=[0], then if J2100 is active, it must be equal to [^]. --b2) If STATE_PDPM_OBRA_CD is active and STATE_PDPM_OBRA_CD=[1], then if J2100 is active, it must not be equal to [^].

--b3) If STATE_PDPM_OBRA_CD is not active, then if J2100 is active, it must be equal to [^].

NOTE: The submission system will use the iQIES value instead of STATE_PDPM_OBRA_CD in order to determine whether to enforce the b1 and b2 edits.

Version Changes

Type	ID	Description
Format	-3676	[V3.10.0]-Mappings were added to the following new items: O0390A-E, O0390Z, R0310, R0320A, R0320B, R0330, R0340. Mappings were removed from the following deleted items: A1250A-Y.