

Patient Driven Payment Model (PDPM)

Day Weight Case Mix Methodology for Nursing Facility

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Objectives

- ▶ Provide an overview of the Case Mix Index Roster
- ▶ Review and interpret Case Mix Rosters
- ▶ Understand general calculation guidelines for Day-Weighted CMI
- ▶ Determine the correct payer source
- ▶ Access and navigate Case Mix Rosters within the IMPA system

Overview and Purpose of Case Mix Rosters



Iowa Case Mix Index Overview

- ▶ HHS uses the Case Mix Index (CMI) to help determine a portion of the Iowa nursing facility rates.
- ▶ The MDS assigns each resident a PDPM classification.
- ▶ Iowa uses only the PDPM Nursing Component for case mix.
- ▶ There are 25 nursing classifications for residents.
- ▶ Iowa assigns a CMI to each classification listed on the case mix roster.



Purpose of Case Mix Rosters

- ▶ A report of residents in each Medicaid certified nursing facility during the resident roster quarter.
- ▶ The report is generated from MDS assessments and tracking forms submitted to iQIES.
- ▶ Each MDS assessment is assigned a nursing classification component that calculates a PDPM score.
- ▶ Iowa Medicaid assigns a CMI based on the PDPM score and a day-weighted CMI is then calculated using this data.

Review and Interpret Case Mix Rosters



Preliminary CMI Roster Review

Nursing facility areas to review during the preliminary roster review

- ▶ Verify all residents present any time during the quarter appear on the roster.
- ▶ Review each resident's assessments and tracking forms for all required items.
- ▶ Review for missing or corrected assessments that were not transmitted or accepted by iQIES; review the CMS Final Validation report for errors.
- ▶ Complete corrections to the preliminary CMI roster through modification, inactivation, or transmission of the MDS records. Follow Chapter 5 of the RAI manual and CMS correction policy.
- ▶ Refer to IMPA for quarterly case mix cutoff dates.

Note: Manual alterations to the resident roster are not considered.



PDPM Nursing Component and CMI Chart

A= 4.06

B= 3.07

C= 2.93

D= 2.40

E= 1.99

F= 2.24

G= 1.86

H= 2.08

I= 1.73

J= 1.72

K= 1.43

L= 1.87

M= 1.62

N= 1.55

O= 1.09

P= 1.34

Q= 0.94

R= 1.04

S= 0.99

T= 1.57

U= 1.47

V= 1.22

W= 0.71

X= 1.13

Y= 0.66

Default ZZ= 0.66



CMI Reporting Periods

Day weight CMI rosters are uploaded to IMPA quarterly

- ▶ Quarter 1 January 1 – March 31
- ▶ Quarter 2 April 1 – June 30
- ▶ Quarter 3 July 1 – September 30
- ▶ Quarter 4 October 1 – December 31

General Calculation Guidelines



General Calculation Guidelines

- ▶ Assessment Inclusion Rules
- ▶ Use of Discharge Information
- ▶ Day Calculation Rules
- ▶ Requirement for Roster Inclusion



General Calculation Guidelines

How Days are Counted

- ▶ Days are counted from the entry date if the resident entered during the quarter, or the first day of the quarter if there was a previous assessment with a PDPM nursing component.

When Day Counting Stops

- ▶ Days are counted until the ARD (2300) of the next assessment, the end of the quarter, resident discharge, or the maximum number of days allowed.



General Calculation Guidelines

Returning Residents – New Admission vs. Re-entry

- ▶ If a resident had a PDPM nursing component from the previous quarter that carries into the current quarter followed by a discharge and return:
 - If discharged and returns as a new admission (A1700=1): The admission assessment restarts day counting at the entry date.
 - If discharged and returns as a re-entry (A1700=2): The previous active assessment resumes counting from the re-entry date until the ARD of the next completed assessment

Multiple Discharge Records

- ▶ If more than one discharge assessment is submitted with no other assessments in between:
 - The earliest discharge date stops the count of days.



General Calculation Guidelines

Assessment Timing Rules

- ▶ CMS: max 92 days between OBRA assessments.
- ▶ Iowa: each assessment active max 113 days (from ARD A2300).
- ▶ After 113 days with no new assessment: record becomes inactive.
- ▶ Day 114 → next ARD or end of quarter: counted as delinquent ZZ.

Admission Assessment Rules

- ▶ PDPM nursing component from the admission assessment counts days starting on the entry date.
- ▶ If the ARD is >14 days after the entry date, days are counted from the entry date or start of the quarter as delinquent (ZZ) until the ARD.



General Calculation Guidelines

New Stay Followed Only by Discharge or Death in Facility

- ▶ When an entry tracking form indicates a new stay (A1700=1) followed only by a discharge assessment or death in facility record:
 - PDPM nursing component is assigned based on discharge status (A2105) for up to 14 days.
 - A2105= 03, 04, 05, 06, 11, or 13. Assign nursing component I with CMI of 1.73
 - A2105 = 01, 02, 07, 08, 09, 10, 12, 99 → Assign nursing component P, CMI 1.34.

End-of-Quarter Entry Tracking Form

- ▶ If a resident has an admission entry tracking form (A1700=1) at the end of a quarter, the first record in the next quarter within 14 days of entry is used from the entry date to the end of the quarter.



General Calculation Guidelines

Quarterly Assessment Before Admission Assessment

- ▶ If a quarterly assessment is completed before an admission assessment:
 - The admission assessment begins counting days starting with the ARD instead of the entry date.

Determining Payer Source and Roster CMI Calculation



Determining Payer Source

The payer source is identified with each assessment. There are three payer types: Medicare, Medicaid, and Other.

- ▶ **Medicare** is the payer when the assessment is identified as PPS (A0310B = 01).
- ▶ **Medicaid** is the payer when:
 - Non-PPS assessments (A0310A = 01, 02, 03, 04, 05, 06) and a valid Medicaid number is entered in A0700
 - Medicaid number must be seven digits followed by a letter
 - Incorrect Medicaid numbers (e.g., MCO policy numbers) will not be identified as Medicaid



Determining Payer Source

- ▶ **Other** is the payer when the assessment is not identified as Medicare or Medicaid.
 - Hospice is not considered a payer.
 - If a private plan requires a PDPM HIPPS code on a 5-day PPS assessment and it is submitted, it will be identified as Medicare.
 - If a resident is under a private plan but an active Medicaid number is entered in A0700, the payer will be identified as Medicaid.



Roster CMI Calculations

- ▶ The calculations at the end of the roster include CMI day-weighted points for each of the three payer types.
- ▶ Medicaid, Medicare, and Other payer types generate days, weights, and CMI averages separately.
- ▶ The day-weighted average for each payer source is calculated by dividing the total CMI weight by the total days.
- ▶ The facility weighted average is calculated by dividing the total CMI weight across all payer types by the total number of days across all payer types.

Definitions for CMI Rosters



Definitions for CMI Rosters

- ▶ **Start Date** - Calculated from the start of the quarter or the target date of an assessment.
- ▶ **Target Date** - The MDS item date from A2300 (ARD), A2000 (Discharge Date, or A1600 (Entry/Re-entry Date).
- ▶ **End Date:** - The end the CMI is no longer valid for that line. It may be the day after the end of the quarter, the ARD of the next assessment, or the discharge date. The end date is **not** counted as a day.
- ▶ **PDPM Nrsg** – The PDPM Nursing Component character is the third position in the total PDPM calculation on the MDS.



Definitions for CMI Rosters

- ▶ **CMI** - Numerical score assigned to each PDPM Nursing Component or the default rate.
- ▶ **Days** - Number of days that will be counted at the CMI listed on that line.
- ▶ **Weight** - CMI points assigned to the assessment multiplied by the number of days.
- ▶ **Pay Source** - The payment source assigned to the assessment type.

MDS Assessment Types and Tracking Forms

Types of Assessments used for CMI Rosters

OBRA Assessment (A0310A)	Item Set Code (ISC)	A0310A
Admission	NC	01
Quarterly	NQ	02
Annual	NC	03
Significant Change	NC	04
Significant Correction Prior Comprehensive	NC	05
Significant Correction Prior Quarterly	NQ	06

PPS Assessment (A0310B)	Item Set Code (ISC)	A0310A
5 Day	NP	01

Note: A0310B = 08 is not used for case mix



Types of Discharge Assessments and Tracking Forms used for CMI Rosters

Discharge Assessments (A0310F)	Item Set Code (ISC)	A0310F
Discharge Return Not Anticipated	ND	10
Discharge Return Anticipated	NQ	11

Tracking Forms (A0310F)	Item Set Code (ISC)	A0310F
Entry / Re-entry	NT	01
Death in Facility	NT	12

Note: A0310H = 01 PPS Discharge Item Set Code NPE is not used for case mix



Sequence of Assessment Types and Tracking Forms on CMI Rosters

- ▶ MDS assessments may be combined per RAI Manual Chapter 2
- ▶ For CMI purposes, assessment types appear in this sequence
 - A0310A: OBRA Assessment
 - A0310B: PPS Assessment
 - A0310F: Entry/Discharge Tracking Forms
- ▶ Examples of record type displays:
 - NT/99/99/01: Entry Tracking Form only
 - NQ/02/99/099: OBRA Quarterly not combined with PPS or tracking records
 - NC/01/01/99: Combined OBRA Admission and 5-Day PPS assessment
- ▶ When the 113-day rule is applied, the roster will display: 113////

Accessing CMI Rosters

Navigating IMPA



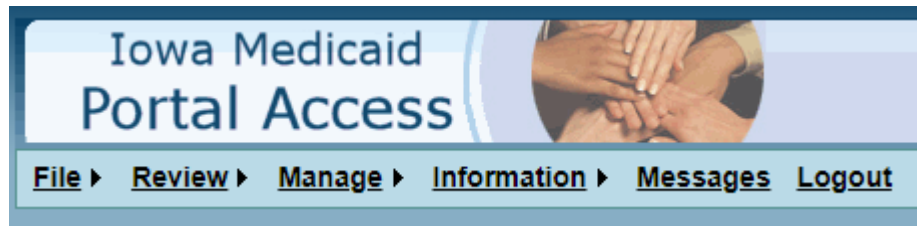
Requirements for Accessing CMI Rosters in IMPA

- ▶ You must be a registered IMPA user to access CMI Rosters. If not, follow the *IMPA Registration Guide* to register a new account.
- ▶ After gaining access to IMPA, fill out the Case Mix Access Request Form for case mix roster permissions. When filling out the form, you will need:
 - IMPA username
 - Email address
 - Facility Tax Identification Number (TIN)
 - Facility National Provider Identification Number (NPI)
 - Facility Iowa state ID (IAXXXXX)
- ▶ Every individual who needs access must submit a separate form. Multiple users may be approved.
- ▶ Email the Completed Form to: IMPAsupport@hhs.iowa.gov.

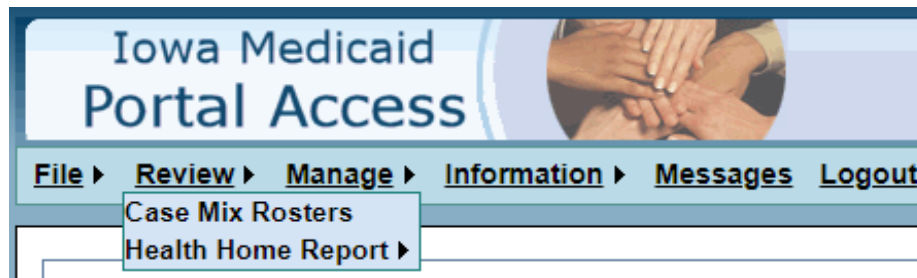
Navigating IMPA

The user will be able to access their facility's Case Mix Roster once they have been assigned the Case Mix Roster Role in IMPA

- ▶ Select “Review” from the IMPA menu in the upper-left corner.



- ▶ Choose “Case Mix Rosters” from the drop-down menu



Navigating IMPA

Important Information will be display on the Case Mix Roster screen.

Important Information:

**Day Weight Case Mix Important Dates
Quarter 1 through Quarter 4 of 2025**

Resident Rosters	1st Quarter 2025	2nd Quarter 2025	3rd Quarter 2025	4th Quarter 2025
Reporting Period	January 1- March 31, 2025	April 1- June 30, 2025	July 1- Sept 30, 2025	Oct 1- Dec 31, 2025
Preliminary Rosters Available to Providers via IMPA	May 21, 2025	August 20, 2025	November 25, 2025	February 19, 2026
Final Day to Submit Corrections to IQIES or Payer Change Forms	June 5, 2025	September 4, 2025	December 12, 2025	March 5, 2026
Final Rosters Available to Providers via IMPA	June 26, 2025	September 25, 2025	December 30, 2025	March 26, 2026
Effective Date of Case Mix used	1/1/2026		7/1/2026	

**Day Weight Case Mix Important Dates
Quarter 1 through Quarter 4 of 2026**

Resident Rosters	1st Quarter 2026	2nd Quarter 2026	3rd Quarter 2026	4th Quarter 2026
Reporting Period	January 1- March 31, 2026	April 1- June 30, 2026	July 1- Sept 30, 2026	Oct 1- Dec 31, 2026
Preliminary Rosters Available to Providers via IMPA	May 21, 2026	August 20, 2026	November 19, 2026	February 19, 2027
Final Day to Submit Corrections to IQIES or Payer Change Forms	June 5, 2026	September 3, 2026	December 7, 2026	March 5, 2027
Final Rosters Available to Providers via IMPA	June 24, 2026	September 23, 2026	December 28, 2026	March 24, 2027
Effective Date of Case Mix used	1/1/2027		7/1/2027	

Facility ID:

- Nursing Facility IDs will always begin with IA and followed by four or five digits.
- This number can be found at the top of any prior case mix roster (Example: IAXXXXX).
- If you are not sure what your Facility ID is please send an email to casemix@hhs.state.ia.us.

Please visit the nursing facility rates page at: <https://hhs.iowa.gov/programs/welcome-iowa-medicaid/iowa-health-link/nursing-facility-rates> to access additional case mix roster and training information.

Please Note: Iowa Medicaid identified an issue with the Q3 preliminary rosters that were imported on November 20, 2025. The issue has is resolved and the preliminary rosters have been replaced. Please use preliminary rosters dated November 25, 2025, and the final date to submit corrections has been extended to December 12, 2025.

Navigating IMPA

Retrieving Facility Case Mix Rosters

- ▶ To retrieve the facility's case mix rosters, users will need the Facility ID (IAXXXXX), TIN, and NPI submitted on the access form.
- ▶ The Facility ID always begins with "IA" followed by four or five digits.
 - Enter the Facility ID digits (IA is auto-populated).
 - If you are not sure what your facility ID is, please send an email to casemix@hhs.iowa.gov.
 - Select the Tax ID from the drop-down list.
 - Select the facility's NPI and click Search.
 - Case mix files will appear below the Search box.

Facility ID: *

Tax ID: *

National Provider Identifier: *

Navigating IMPA

- ▶ Document naming format:
 - Day Weight CMI Roster: Facility ID_Tax ID Number_Begin date of Quarter_End date of Quarter_prelim or final.PDF
- ▶ The last column displays the date the document was uploaded to IMPA.
- ▶ To open a document, click “Select.” A PDF version of the facility case mix roster will open and can be printed or saved.
- ▶ For assistance with IMPA login or case mix access, email: IMPASupport@hhs.iowa.gov

	Provider NPI	DOCUMENT NAME	Uploaded Date
Select	0000000000	DAY_WEIGHT_IAXXXX_0000000000_20251001_20260101_final.PDF	03/26/2026
Select	0000000000	DAY_WEIGHT_IAXXXX_0000000000_20251001_20260101_prelim.PDF	02/19/2026
Select	0000000000	DAY_WEIGHT_IAXXXX_0000000000_20250701_20251001_final.PDF	12/30/2025
Select	0000000000	DAY_WEIGHT_IAXXXX_0000000000_20250701_20251001_prelim.PDF	11/25/2025



Case Mix Payer Change Form

- ▶ The case mix payer change form should not be used for PDPM discrepancies or changes to Medicaid numbers.
- ▶ The form should be emailed when you find a discrepancy and do not know how to correct it.
- ▶ The form must be submitted by the quarterly cutoff date listed on the calendar in IMPA.



Links to IMPA and Iowa HHS Nursing Facility Rates Page

- ▶ Iowa HHS Nursing Facility Rates Page
<https://hhs.iowa.gov/medicaid/plans-programs/iowa-health-link/nursing-facility-rates>
- ▶ IMPA Case Mix Rosters Page
<https://secureapp.dhs.state.ia.us/impa/Review/CaseMixRosters.aspx>
- ▶ IMPA Home Page
<https://secureapp.dhs.state.ia.us/impa/Default.aspx>



Health and
Human Services

Questions

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