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CENTER FOR MEDICARE

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TO: All Medicare Advantage Organizations, PACE Organizations, Medicare-Medicaid Plans, Section 1833 Cost Contractors and Section 1876 Cost Contractors, Demonstrations, and PDPs

FROM: Jennifer R. Shapiro, Acting Director, Medicare Plan Payment Group

SUBJECT: Updates to Payment Year (PY) 2020 Model Output Reports

CMS distributes two Model Output Data Files – one for Part C and one for Part D. Within the data files, there are Model Output Reports (MORs) with unique record types that correspond to each model being run for payment. We distribute these MORs to plans to identify the Hierarchical Condition Codes (HCCs) used to calculate risk scores for each of their enrolled beneficiaries. This memo provides information regarding changes to the MORs that will be generated for the PY 2020 initial, midyear, and final reconciliation payments.

For PY 2020, the risk adjustment models and risk score blends (where applicable) are described below. For 2020, for non-PACE risk scores, CMS will blend 50% of the risk score using diagnoses from encounter data with 50% of the risk scores using diagnoses from RAPS. PACE risk scores will continue to be calculated based on diagnoses from RAPS, encounter data, and FFS in equal measure with no weighting.

- For Part C non-PACE risk scores for PY 2020 (2019 dates of service), CMS will use a new model that incorporates condition counts to calculate the risk score using diagnoses from encounter data, RAPS inpatient data, and FFS. We refer to this model as the V24 model in Table 1 below. CMS will continue to calculate the RAPS-based risk score with the 2017 CMS-HCC model (V22) using diagnoses from RAPS and FFS.
- For Part D non-PACE risk scores for PY 2020, CMS will use the 2020 RxHCC model to calculate both the encounter data-based and the RAPS-based risk scores: encounter data-based risk scores will be calculated with diagnoses from encounter data, RAPS inpatient data, and FFS. RAPS-based risk scores will be calculated using RAPS and FFS diagnoses.
- For ESRD non-PACE risk scores for PY 2020, CMS will use the 2020 ESRD model to calculate risk scores with diagnoses from encounter data, RAPS inpatient data, and FFS. CMS will use the 2019 ESRD model to calculate risk scores using diagnoses from RAPS and FFS.

- PACE aged/disabled risk scores will be calculated using the 2017 CMS-HCC model, the 2019 ESRD model for ESRD scores, and the 2020 RxHCC model for Part D risk scores.¹

As in prior years, to assist non-PACE plans in identifying HCCs in each risk score calculated, CMS will use a separate MOR record type to report the HCCs used in the RAPS-based scores and those in the encounter data-based scores for the models used in PY 2020. Since PACE risk scores will continue to be calculated based on diagnoses from RAPS, encounter data, and FFS in equal measure with no weighting, there are separate MOR record types specifically for PACE organizations that report HCCs from any of the three sources.

For 2020 payment, there is a new record type of ‘J’ for the 2020 CMS-HCC risk adjustment model using encounter data-based HCCs for non-PACE organizations, and a new record type ‘K’ for the 2017 CMS-HCC risk adjustment model for PACE organizations. The 2017 CMS-HCC risk adjustment model is being used for the PACE organizations for the first time in PY 2020, and PACE risk scores are not calculated using the blend of encounter data and RAPS-based risk scores, which is why we have a new record type ‘K.’

For all other instances in which CMS is using the same risk adjustment model for PY 2020 that is being used in PY 2019, CMS will continue to use the 2019 MOR record types.

Medicare Beneficiary Identifier (MBI): In addition, on January 1, 2020, CMS will complete the transition to display the Medicare Beneficiary Identifier (MBI) on the MORs and remove social security number information. Changes to how the beneficiary identifier and social security number fields are displayed on the MOR affects the PY 2020 file layouts for record types ‘J’ and ‘K’ only. For all other record types, the file layouts will not change, but the content of the beneficiary identifier and social security number fields will change. Specifically,

- The MBI field for the new record types ‘J’ and ‘K’ will use an 11 byte format, which replaces the 12-byte format that was used to accommodate the Health Insurance Claim Number (HICN). For all other record types, CMS will continue to use 12 bytes for the beneficiary identifier by displaying the 11 byte MBI and a 1 byte filler.
- For the new record types ‘J’ and ‘K’, the social security number field has been removed. For all other PY 2020 MOR record types, the social security number field has been replaced by a filler field.

The record types for PY 2020 are outlined as follows:

¹ Policies proposed and finalized in the 2020 Advance Notice and Rate Announcement:

<https://www.cms.gov/Medicare/Health-Plans/MedicareAdvtgSpecRateStats/Announcements-and-Documents.html>

Table 1. Record Types and Model Versions for Payment Year 2020

2020 Model Run Data Source	Model	Model Version	MOR Record Type
MOR Record Types for RAPS and FFS Based HCCs	ESRD and ESRD Post Graft	V21	E
	CMS-HCC Aged/Disabled (non-PACE and non-ESRD)	V22	D
	RxHCC	V05	2
MOR Record Types for Encounter Data and FFS Based HCCs	ESRD and ESRD Post Graft	V21	G
	CMS-HCC Aged/Disabled (non-PACE and non-ESRD)	V24	J
	RxHCC	V05	4
MOR Record Types for PACE Organizations (RAPS, FFS, and Encounter Data)	PACE-ESRD	V21	B
	PACE CMS-HCC (non-ESRD)	V22	K
	RxHCC	V05	5

The Plan Communications User Guide (PCUG, https://www.cms.gov/Research-Statistics-Data-and-Systems/CMS-Information-technology/mapdhelpdesk/Plan_Communications_User_Guide.html) has been updated to reflect the changes to existing record types and also includes the new MOR record layouts (i.e., ‘J’ and ‘K’) for the 2020 CMS-HCC model and the 2017 CMS-HCC model for PACE.

Questions related to this guidance should be submitted to riskadjustment@cms.hhs.gov. Please use “HPMS Memo – Updates to Payment Year (PY) 2020 Model Output Report” as the subject in all communications regarding this guidance.