DEPARTMENT OF HEALTH & HUMAN
SERVICES
Centers for Medicare & Medicaid Services
7500 Security Boulevard
Baltimore, Maryland 21244-1850

CENTER FOR MEDICARE

DATE: April 12, 2023

TO: All Medicare Advantage Organizations and Section 1876 Cost Plans

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

SUBJECT: Incoming Files from CMS: Beneficiary-level File to Support 2024 Part C Bids &
                 ESRD Risk Scores

CMS has pushed out to all Medicare Advantage (MA) organizations and 1876 Cost Plans a
beneficiary level file that your actuaries will be using to develop 2024 Part C bids. This memo is
to inform you that there may be potential action that is needed for you to accept this new file.
Please also note that we posted contract-PBP level risk scores for the payment year models on
HPMS. In addition, we are sending to all MA organizations and 1876 Cost Plans that enrolled
ESRD beneficiaries in 2022 a second beneficiary-level file with the ESRD risk scores of these
enrollees.

The file names will be constructed as follows:

Part C file name:

GENTRAN: P.Rxxxxx.PTC2024.Dyymmdd.Thhmmsst.pn
C:D mainframe: zzzzzzzz.Rxxxxx.PTC2024.Dyymmdd.Thhmmsst
C:D non-mainframe: [directory]P.Rxxxxx.PTC2024.Dyymmdd.Thhmmsst

KEY
xxxxx = 5 character plan contract #
yymmdd = two digit year, month, day
hhmmsst = hour/minute/second/tenths of second
pn = process number
zzzzzzzz = Plan-provided high level qualifier, default is EFTO for production; EFTT for test
[directory] = optional directory specified from non-mainframe C:D clients, default is EFTO. for
production; EFTT. for test

ESRD file name:

GENTRAN: P.Rxxxxx.ESR2024.Dyymmdd.Thhmmsst.pn
C:D mainframe: zzzzzzzz.Rxxxxx.ESR2024.Dyymmdd.Thhmmsst

C:D non-mainframe: [directory]P.Rxxxxx.ESR2024.Dyymmdd.Thhmmsst

KEY
xxxxx = 5 character plan contract # yymmdd = two digit year, month, day
hhmmsst = hour/minute/second/tenths of second
pn = process number
zzzzzzzz = Plan-provided high level qualifier, default is EFTO for production; EFTT for test
[directory] = optional directory specified from non-mainframe C:D clients, default is EFTO. for production; EFTT. for test

If you have any questions regarding the retrieval of this file, please contact the MAPD Help Desk via email at MAPDHELP@cms.hhs.gov or via phone at 1-800-927-8069. If you have questions about the content of the file, please email the CMS Risk Adjustment Policy mailbox at RiskAdjustmentPolicy@cms.hhs.gov and specify "Payment Year 2024 Risk Scores for Bidding" in the subject line.

Below is the file layout with technical notes.

Technical Notes –

Please note the following:

1. The file includes all beneficiaries who were enrolled in your contract for at least one month in 2022, including beneficiaries with Part A only or Part B only.

2. The payment year (PY) 2022 Part C risk scores were calculated using two different versions of the CMS-HCC risk adjustment models: (1) the model that was used for 2022 payment and will be used, in part, in 2024 payment (the 2020 CMS-HCC risk adjustment model, first implemented in 2020), and (2) the updated CMS-HCC risk adjustment model that will be implemented for 2024 payment (the 2024 CMS-HCC risk adjustment model as finalized in the 2024 Rate Announcement).

    We are providing the following sets of PY 2022 risk scores (2021 dates of service):

    *   2020 CMS-HCC risk adjustment model: Risk scores calculated using diagnoses from the Encounter Data System (EDS) and CPT/HCPCs filtered FFS claims, and

    *   2024 CMS-HCC risk adjustment model: Risk scores calculated using diagnoses from the EDS and CPT/HCPCS filtered FFS claims.

    Part C risk score file layouts are provided at the end of this memo.

3. The relative factors for the 2020 CMS-HCC risk adjustment model are published in the *2020 Rate Announcement*, published on April 1, 2019. The relative factors for the 2024 CMS-HCC risk adjustment model are published in the *2024 Rate Announcement*, published on March 31, 2023. Rate Announcements can be found here.

4. The risk scores are <u>not</u> normalized and do <u>not</u> have an MA coding adjustment factor applied.

    *   The 2020 CMS-HCC model has a 2015 denominator and 2024 CMS-HCC model has a 2020 denominator. Your projected 2024 risk score will need to consider the appropriate normalization factor, per the *2024 Bid Pricing Tool Instructions*. The PY 2024 normalization factor for the 2020 CMS-HCC risk adjustment model is 1.146 and the PY 2024 normalization factor for the 2024 CMS-HCC model is 1.015.

5. The PY 2022 risk scores provided are estimated interim final risk scores.

    *   The diagnosis data used for the risk score estimates are from calendar year 2021 dates of service (i.e., the data collection period) based on: 1) plan diagnosis data submitted to EDS through January 31, 2023, and 2) Medicare FFS diagnosis data through January 31, 2023.

- The estimated PY 2022 risk scores account for retroactive adjustments for (1) enrollment and disenrollment through January 2023, (2) long term institutional (LTI) status through February 9, 2023, and (3) Medicaid status updates through January 2023.

6. For the estimated interim final PY 2022 **encounter data-based risk scores,** CMS used the January 31, 2023 cutoff for diagnoses from the EDS for the 2020 CMS-HCC model risk scores and the 2024 CMS-HCC model risk scores. Final PY 2022 risk scores will include a longer runout of encounter data and FFS diagnoses.

7. We note that, for bidding, organizations will need to adjust the 2022 (base year) CMS-provided encounter data-based risk scores for the runout in diagnoses submitted on encounter data and chart review records beyond the January 31, 2023 cutoff used for these risk scores. In the May 18, 2022 HPMS memo "Deadline for Submitting Risk Adjustment Data for Use in Risk Score Calculation Runs for Payment Years 2021, 2022, 2023, and 2024," CMS provided information about the extension of the encounter data submission deadline for risk adjustment purposes for 2022 (2021 dates of service) until July 31, 2023.disabled, ESRD).

8. Organizations should determine which risk scores apply for a month by determining the beneficiary's status (e.g., LTI, community, new enrollee, etc.) for that month, using the "Part C Beneficiary status field" (fields 62-73 in the layout).

9. For full risk community beneficiaries, estimated interim final risk scores calculated using the 2024 CMS-HCC model and 2020 CMS-HCC model are based on monthly Medicaid status in the payment year. The data provided in the beneficiary-level file includes the Medicaid statuses that plans can use to select the appropriate risk score for a month for community beneficiaries (fields 38-49 in the layout). Given a beneficiary's aged versus disabled status for 2022 (determined by their age as of February 1, 2022), we provide their three possible community risk scores for the year, reflecting either non-dual, full benefit (FB) dual, or partial benefit (PB) dual status. For each month in the payment year, a community beneficiary will have a risk score selected among the three community statuses (i.e., non-dual, PB dual, and FB dual) for each model.

10. Chronic Condition SNPs (C-SNPs) – All MA organizations will receive beneficiary-level files that include C-SNP new enrollee risk scores. Organizations that do not operate C-SNPs can disregard the C-SNP new enrollee risk scores.

ESRD Risk Scores

11. CMS is providing estimated interim final ESRD risk scores for all organizations that enrolled ESRD beneficiaries in 2022. Risk scores are being provided for ESRD-SNPs to support bidding for PY 2024. For non ESRD-SNPs, CMS is providing risk scores for informational purposes.

The ESRD risk score file layout is provided below the Part C risk score file layouts at the end of this memo.

12. The PY 2022 ESRD risk scores (2021 dates of service) were calculated using the 2020 ESRD risk adjustment models that were used for PY 2022 payment and the 2023 ESRD risk adjustment models that will be used to calculate risk scores for PY 2024 payment.

    We are providing the following sets of PY 2022 risk scores (2021 dates of service):

    - 2020 ESRD risk adjustment models: Risk scores calculated using diagnoses from the Encounter Data System (EDS) and CPT/HCPCs filtered FFS claims, and

    - 2023 ESRD risk adjustment models: Risk scores calculated using diagnoses from the EDS and CPT/HCPCS filtered FFS claims.

13. The relative factors for the 2020 ESRD risk adjustment models are published in the *2020 Rate Announcement*, published on April 1, 2019. The relative factors for the 2023 ESRD risk adjustment models are published in the *2023 Rate Announcement*, published on April 4, 2022. Rate Announcements can be found [here](#).

14. The risk scores are <u>not</u> normalized and do <u>not</u> have an MA coding adjustment factor applied. The 2020 ESRD models have a 2015 denominator and the 2023 ESRD models have a 2019 denominator. Your projected 2024 risk score will need to take into account the appropriate normalization factor, per the *2024 Bid Pricing Tool Instructions*, if applicable. The PY 2024 ESRD normalization factors are as follows:
    - 2023 ESRD Dialysis models: 1.022
    - 2023 ESRD Functioning Graft models: 1.028

File layout & data dictionary – Part C risk scores

Field #	Field Name	Len	Position	Description	Explanation
1	MBI	11	1-11	Beneficiary ID	A beneficiary is on the file as long as they were in the Part C contract for at least one month in 2022.
2-13	Contract ID	5 X 12	12-71	Contract ID. Array of 12 monthly fields.	Contract ID is populated for those months in the payment year for which the beneficiary was enrolled in the contract. For each month that this field is populated, the other applicable monthly fields are appropriately populated for the beneficiary. If this field is blank, then the beneficiary was not enrolled in the contract for the month in question.
14-25	Plan ID	3 X 12	72-107	Plan ID. Array of 12 monthly fields.	PBP in which the beneficiary is enrolled for the month.
26-37	Segment ID	3 X 12	108-143	Segment ID. Array of 12 monthly fields.	Segment in which the beneficiary is enrolled for the month.
38-49	Medicaid status	2 X 12	144-167	Medicaid status for the month. Array of 12 monthly fields. Medicaid status codes are as follows: 01 = QMB-only 02 = Eligible is entitled to Medicare- QMB AND Medicaid coverage 03 = Eligible is entitled to Medicare- SLMB only 04 = Eligible is entitled to Medicare- SLMB AND Medicaid coverage 05 = Eligible is entitled to Medicare- QDWI 06 = Eligible is entitled to Medicare- Qualifying individuals 08 = Full benefit dual eligible (non-SLMB, non-QMB) 09 = Other dual eligible without full Medicaid benefits, e.g., Pharmacy Plus and 1115 drug-only demonstrations 10 = Other full dual 99 = Medicaid, but unknown status Blank = Not a dual eligible	Medicaid status indicates status for each month in 2022. The information in this field is intended to assist plans in developing the cost sharing in their Part C bids. Notes: • For the community risk scores under the 2020 V24 model and the 2024 V28 model, full benefit status is assigned for a month if the beneficiary's dual status code is 02, 04, 08, or 10 ("Other full dual" status indicates that the beneficiary was Medicaid eligible per the Puerto Rico file or based on data from another Territory for the month). Partial benefit status is assigned for a month if the dual status code is 01, 03, 05 and 06.

Field #	Field Name	Len	Position	Description	Explanation
50	Part C community Non Dual risk score, 2020 CMS-HCC V24 model, ED/HCPCS filtered FFS	7.4	168-174	Beneficiary's 2022 community Non Dual risk score, 2020 CMS-HCC V24 model, ED/HCPCS filtered FFS based.	Model run with Encounter data and HCPCS filtered FFS data.
51	Part C community Full Benefit Dual risk score, 2020 CMS-HCC V24 model, ED/HCPCS filtered FFS	7.4	175-181	Beneficiary's 2022 community Full Benefit Dual risk score, 2020 CMS-HCC V24 model, ED/HCPCS filtered FFS based.	Model run with Encounter data and HCPCS filtered FFS data.
52	Part C community Partial Benefit Dual risk score, 2020 CMS-HCC V24 model, ED/HCPCS filtered FFS	7.4	182-188	Beneficiary's 2022 community Partial Benefit Dual risk score, 2020 CMS-HCC V24 model, ED/HCPCS filtered FFS based.	Model run with Encounter data and HCPCS filtered FFS data.
53	Part C institutional risk score, 2020 CMS-HCC V24 model, ED/HCPCS filtered FFS	7.4	189-195	Beneficiary's 2022 institutional score, 2020 CMS-HCC V24 model, ED/HCPCS filtered FFS based.	Model run with Encounter data and HCPCS filtered FFS data.
54	Part C new enrollee risk score, 2020 CMS-HCC V24 model	7.4	196-202	Beneficiary's 2022 new enrollee risk score, 2020 CMS-HCC V24 model.	
55	Part C SNP new enrollee risk score, 2020 CMS-HCC V24 model	7.4	203-209	Beneficiary's 2022 C-SNP new enrollee risk score, 2020 CMS-HCC V24 model.	
56	Part C community Non Dual risk score, 2024 CMS-HCC V28 model, ED/HCPCS filtered FFS	7.4	210-216	Beneficiary's 2022 community Non Dual risk score, 2024 CMS-HCC V28 model, ED/HCPCS filtered FFS based.	Model run with Encounter data and HCPCS filtered FFS data.

Field #	Field Name	Len	Position	Description	Explanation
57	Part C community Full Benefit Dual risk score, 2024 CMS-HCC V28 model, ED/HCPCS filtered FFS	7.4	217-223	Beneficiary's 2022 community Full Benefit Dual risk score, 2024 CMS-HCC V28 model, ED/HCPCS filtered FFS based.	Model run with Encounter data and HCPCS filtered FFS data.
58	Part C community Partial Benefit Dual risk score, 2024 CMS-HCC V28 model, ED/HCPCS filtered FFS	7.4	224-230	Beneficiary's 2022 community Partial Benefit Dual risk score, 2024 CMS-HCC V28 model, ED/HCPCS filtered FFS based.	Model run with Encounter data and HCPCS filtered FFS data.
59	Part C institutional risk score, 2024 CMS-HCC V28 model, ED/HCPCS filtered FFS	7.4	231-237	Beneficiary's 2022 institutional score, 2024 CMS-HCC V28 model, ED/HCPCS filtered FFS based.	Model run with Encounter data and HCPCS filtered FFS data.
60	Part C new enrollee risk score, 2024 CMS-HCC V28 model	7.4	238-244	Beneficiary's 2022 new enrollee risk score, 2024 CMS-HCC V28 model.	
61	Part C SNP new enrollee risk score, 2024 CMS-HCC V28 model	7.4	245-251	Beneficiary's 2022 C-SNP new enrollee risk score, 2024 CMS-HCC V28 model.	
62-73	Part C Beneficiary status	1 X 12	252-263	Array of 12 monthly flags. Part C Beneficiary status codes are as follows: 1 = ESRD 2 = Hospice 3 = New enrollee 4 = Institutional 5 = Community full-benefit dual 6 = Community partial-benefit dual 7 = Community non-dual	Part C beneficiary status indicates which risk scores were used in the respective month. Beneficiary status is coded in the hierarchy as listed here. ESRD risk score is not provided for those months when the beneficiary is ESRD, since plans do not bid on ESRD months. A separate file with ESRD risk scores will be provided. Hospice status is based on the 1st of the month.
74	Aged Status	1	264	Beneficiary's Aged Status 1=Aged 0=Disabled	Age calculated as of February 1, 2022.

File layout & data dictionary – ESRD risk scores

Field #	Field Name	Len	Pos	Description	Explanation
1	MBI	11	1-11	Beneficiary ID	A beneficiary is on the file as long as they were in the Part C contract and ESRD for at least one month in 2022.
2-13	Contract ID	5 X 12	12-71	Contract ID. Array of 12 monthly fields.	Contract ID is populated for those months in the payment year for which the beneficiary was enrolled in the contract. For each month that this field is populated, the other applicable monthly fields are appropriately populated for the beneficiary. If this field is blank, then the beneficiary was not enrolled in the contract for the month in question.
14-25	Plan ID	3 X 12	72-107	Plan ID. Array of 12 monthly fields.	PBP in which the beneficiary is enrolled for the month.
26-37	Segment ID	3 X 12	108-143	Segment ID. Array of 12 monthly fields.	Segment in which the beneficiary is enrolled for the month.
38	Part C kidney transplant first month risk score, 2020 CMS-HCC V21 ESRD model	7.4	144-150	Beneficiary's 2022 kidney transplant first month risk score, 2020 CMS-HCC V21 ESRD model.	
39	Part C kidney transplant second and third month risk score, 2020 CMS-HCC V21 ESRD model	7.4	151-157	Beneficiary's 2022 kidney transplant second and third month risk score, 2020 CMS-HCC V21 ESRD model.	
40	Part C new enrollee dialysis risk score, 2020 CMS-HCC V21 ESRD model	7.4	158-164	Beneficiary's 2022 new enrollee dialysis risk score, 2020 CMS-HCC V21 ESRD model.	
41	Part C new enrollee post graft 4 to 9 month risk score, 2020 CMS-HCC V21 ESRD model	7.4	165-171	Beneficiary's 2022 new enrollee post graft 4 to 9 months risk score, 2020 CMS-HCC V21 ESRD model.	

Field #	Field Name	Len	Pos	Description	Explanation
42	Part C new enrollee post graft 10 or more months risk score, 2020 CMS-HCC V21 ESRD model	7.4	172-178	Beneficiary's 2022 new enrollee post graft 10 or more months risk score, 2020 CMS-HCC V21 ESRD model.	
43	Part C dialysis risk score, 2020 CMS-HCC V21 ESRD model, ED/HCPCS filtered FFS	7.4	179-185	Beneficiary's 2022 dialysis risk score, 2020 CMS-HCC V21 ESRD model, ED/HCPCS filtered FFS based.	Model run with Encounter data and HCPCS filtered FFS data.
44	Part C institutional post graft 4 to 9 month risk score, 2020 CMS-HCC V21 ESRD model, ED/HCPCS filtered FFS	7.4	186-192	Beneficiary's 2022 institutional post graft 4 to 9 month risk score, 2020 CMS-HCC V21 ESRD model, ED/HCPCS filtered FFS based.	Model run with Encounter data and HCPCS filtered FFS data.
45	Part C institutional post graft 10 or more months risk score, 2020 CMS-HCC V21 ESRD model, ED/HCPCS filtered FFS	7.4	193-199	Beneficiary's 2022 institutional post graft 10 or more months risk score, 2020 CMS-HCC V21 ESRD model, ED/HCPCS filtered FFS based.	Model run with Encounter data and HCPCS filtered FFS data.
46	Part C community post graft 4 to 9 month risk score, 2020 CMS-HCC V21 ESRD model, ED/HCPCS filtered FFS	7.4	200-206	Beneficiary's 2022 community post graft 4 to 9 month risk score, 2020 CMS-HCC V21 ESRD model, ED/HCPCS filtered FFS based.	Model run with Encounter data and HCPCS filtered FFS data.
47	Part C community post graft 10 or more months risk score, 2020 CMS-HCC V21 ESRD model, ED/HCPCS filtered FFS	7.4	207-213	Beneficiary's 2022 community post graft 10 or more months risk score, 2020 CMS-HCC V21 ESRD model, ED/HCPCS filtered FFS based.	Model run with Encounter data and HCPCS filtered FFS data.

Field #	Field Name	Len	Pos	Description	Explanation
48	Part C kidney transplant first month risk score, 2023 CMS-HCC V24 ESRD model	7.4	214-220	Beneficiary's 2022 kidney transplant first month risk score, 2023 CMS-HCC V24 ESRD model	
49	Part C kidney transplant second and third month risk score, 2023 CMS-HCC V24 ESRD model	7.4	221-227	Beneficiary's 2022 kidney transplant second and third month risk score, 2023 CMS-HCC V24 ESRD model.	
50	Part C new enrollee full dual dialysis risk score, 2023 CMS-HCC V24 ESRD model	7.4	228-234	Beneficiary's 2022 new enrollee full dual dialysis risk score, 2023 CMS-HCC V24 ESRD model.	
51	Part C new enrollee non dual/partial dual dialysis risk score, 2023 CMS-HCC V24 ESRD model	7.4	235-241	Beneficiary's 2022 new enrollee non dual/partial dual dialysis risk score, 2023 CMS-HCC V24 ESRD model.	
52	Part C LTI full dual dialysis risk score, 2023 CMS-HCC V24 ESRD model, ED/HCPCS filtered FFS	7.4	242-248	Beneficiary's 2022 LTI full dual dialysis risk score, 2023 CMS-HCC V24 ESRD model, ED/HCPCS filtered FFS based.	Model run with Encounter data and HCPCS filtered FFS data.
53	Part C LTI partial dual dialysis risk score, 2023 CMS-HCC V24 ESRD model, ED/HCPCS filtered FFS	7.4	249-255	Beneficiary's 2022 LTI partial dual dialysis risk score, 2023 CMS-HCC V24 ESRD model, ED/HCPCS filtered FFS based.	Model run with Encounter data and HCPCS filtered FFS data.
54	Part C LTI non dual dialysis risk score, 2023 CMS-HCC V24 ESRD model, ED/HCPCS filtered FFS	7.4	256-262	Beneficiary's 2022 LTI non dual dialysis risk score, 2023 CMS-HCC V24 ESRD model, ED/HCPCS filtered FFS based.	Model run with Encounter data and HCPCS filtered FFS data.

Field #	Field Name	Len	Pos	Description	Explanation
55	Part C non-LTI full dual dialysis risk score, 2023 CMS-HCC V24 ESRD model, ED/HCPCS filtered FFS	7.4	263-269	Beneficiary's 2022 non-LTI full dual dialysis risk score, 2023 CMS-HCC V24 ESRD model, ED/HCPCS filtered FFS based.	Model run with Encounter data and HCPCS filtered FFS data.
56	Part C non-LTI partial dual dialysis risk score, 2023 CMS-HCC V24 ESRD model, ED/HCPCS filtered FFS	7.4	270-276	Beneficiary's 2022 non-LTI partial dual dialysis risk score, 2023 CMS-HCC V24 ESRD model, ED/HCPCS filtered FFS based.	Model run with Encounter data and HCPCS filtered FFS data.
57	Part C non-LTI non dual dialysis risk score, 2023 CMS-HCC V24 ESRD model, ED/HCPCS filtered FFS	7.4	277-283	Beneficiary's 2022 non-LTI non dual dialysis risk score, 2023 CMS-HCC V24 ESRD model, ED/HCPCS filtered FFS based.	Model run with Encounter data and HCPCS filtered FFS data.
58	Part C new enrollee full dual post graft 4 to 9 month risk score, 2023 CMS-HCC V24 ESRD model	7.4	284-290	Beneficiary's 2022 new enrollee full dual post graft 4 to 9 months risk score, 2023 CMS-HCC V24 ESRD model	
59	Part C new enrollee non dual/partial dual post graft 4 to 9 month risk score, 2023 CMS-HCC V24 ESRD model	7.4	291-297	Beneficiary's 2022 new enrollee non dual/partial dual post graft 4 to 9 months risk score, 2023 CMS-HCC V24 ESRD model	
60	Part C new enrollee full dual post graft 10 or more months risk score, 2023 CMS-HCC V24 ESRD model	7.4	298-304	Beneficiary's 2022 new enrollee full dual post graft 10 or more months risk score, 2023 CMS-HCC V24 ESRD model	
61	Part C new enrollee non dual/partial dual post graft 10 or more months risk score, 2023 CMS-HCC V24 ESRD model	7.4	305-311	Beneficiary's 2022 new enrollee non dual/partial dual post graft 10 or more months risk score, 2023 CMS-HCC V24 ESRD model	

Field #	Field Name	Len	Pos	Description	Explanation
62	Part C institutional full dual post graft 4 to 9 month risk score, 2023 CMS-HCC V24 ESRD model, ED/HCPCS filtered FFS	7.4	312-318	Beneficiary's 2022 institutional full dual post graft 4 to 9 month risk score, 2023 CMS-HCC ESRD V24 model, ED/HCPCS filtered FFS based.	Model run with Encounter data and HCPCS filtered FFS data.
63	Part C institutional partial dual post graft 4 to 9 month risk score, 2023 CMS-HCC V24 ESRD model, ED/HCPCS filtered FFS	7.4	319-325	Beneficiary's 2022 institutional partial dual post graft 4 to 9 month risk score, 2023 CMS-HCC V24 ESRD model, ED/HCPCS filtered FFS based.	Model run with Encounter data and HCPCS filtered FFS data.
64	Part C institutional non dual post graft 4 to 9 month risk score, 2023 CMS-HCC V24 ESRD model, ED/HCPCS filtered FFS	7.4	326-332	Beneficiary's 2022 institutional non dual post graft 4 to 9 month risk score, 2023 CMS-HCC V24 ESRD model, ED/HCPCS filtered FFS based.	Model run with Encounter data and HCPCS filtered FFS data.
65	Part C institutional full dual post graft 10 or more months risk score, 2023 CMS-HCC V24 ESRD model, ED/HCPCS filtered FFS	7.4	333-339	Beneficiary's 2022 institutional full dual post graft 10 or more months risk score, 2023 CMS-HCC V24 ESRD model, ED/HCPCS filtered FFS based.	Model run with Encounter data and HCPCS filtered FFS data.
66	Part C institutional partial dual post graft 10 or more months risk score, 2023 CMS-HCC V24 ESRD model, ED/HCPCS filtered FFS	7.4	340-346	Beneficiary's 2022 institutional partial dual post graft 10 or more months risk score, 2023 CMS-HCC V24 ESRD model, ED/HCPCS filtered FFS based.	Model run with Encounter data and HCPCS filtered FFS data.

Field #	Field Name	Len	Pos	Description	Explanation
67	Part C institutional non dual post graft 10 or more months risk score, 2023 CMS-HCC V24 ESRD model, ED/HCPCS filtered FFS	7.4	347-353	Beneficiary's 2022 institutional non dual post graft 10 or more months risk score, 2023 CMS-HCC V24 ESRD model, ED/HCPCS filtered FFS based.	Model run with Encounter data and HCPCS filtered FFS data.
68	Part C community full dual post graft 4 to 9 month risk score, 2023 CMS-HCC V24 ESRD model, ED/HCPCS filtered FFS	7.4	354-360	Beneficiary's 2022 community full dual post graft 4 to 9 month risk score, 2023 CMS-HCC V24 ESRD model, ED/HCPCS filtered FFS based.	Model run with Encounter data and HCPCS filtered FFS data.
69	Part C community partial dual post graft 4 to 9 month risk score, 2023 CMS-HCC V24 ESRD model, ED/HCPCS filtered FFS	7.4	361-367	Beneficiary's 2022 community partial dual post graft 4 to 9 month risk score, 2023 CMS-HCC V24 ESRD model, ED/HCPCS filtered FFS based.	Model run with Encounter data and HCPCS filtered FFS data.
70	Part C community non dual post graft 4 to 9 month risk score, 2023 CMS-HCC V24 ESRD model, ED/HCPCS filtered FFS	7.4	368-374	Beneficiary's 2022 community non dual post graft 4 to 9 month risk score, 2023 CMS-HCC V24 ESRD model, ED/HCPCS filtered FFS based.	Model run with Encounter data and HCPCS filtered FFS data.
71	Part C community full post graft 10 or more months risk score, 2023 CMS-HCC V24 ESRD model, ED/HCPCS filtered FFS	7.4	375-381	Beneficiary's 2022 community full dual post graft 10 or more months risk score, 2023 CMS-HCC V24 ESRD model, ED/HCPCS filtered FFS based.	Model run with Encounter data and HCPCS filtered FFS data.

Field #	Field Name	Len	Pos	Description	Explanation
72	Part C community partial post graft 10 or more months risk score, 2023 CMS-HCC V24 ESRD model, ED/HCPCS filtered FFS	7.4	382-388	Beneficiary's 2022 community partial dual post graft 10 or more months risk score, 2023 CMS-HCC V24 ESRD model, ED/HCPCS filtered FFS based.	Model run with Encounter data and HCPCS filtered FFS data.
73	Part C community non dual post graft 10 or more months risk score, 2023 CMS-HCC V24 ESRD model, ED/HCPCS filtered FFS	7.4	389-395	Beneficiary's 2022 community non dual post graft 10 or more months risk score, 2023 CMS-HCC V24 ESRD model, ED/HCPCS filtered FFS based.	Model run with Encounter data and HCPCS filtered FFS data.
74-85	Part C Beneficiary status for 2020 CMS-HCC V21 ESRD model	2 X 12	396-419	Array of 12 monthly flags. Part C Beneficiary status codes are as follows: 1 = Enrolled in a MA contract but not ESRD or Hospice 2 = Hospice 3 = Transplant kidney Only (Month 1) 4 = Transplant kidney Only (Month 2 and 3) 5 = New enrollee Dialysis 6 = New enrollee post graft (4-9 months) 7 = New enrollee post graft (10 or more months) 8 = Dialysis 9 = Institutional post graft (4-9 months) 10 = Institutional post graft (10 or more months) 11 = Community post graft (4-9 months) 12 = Community Post graft (10 or more months)	Part C beneficiary status for 2020 CMS-HCC V21 ESRD model indicates which risk scores were used in the respective month. Beneficiary status is coded in the hierarchy as listed here. Non-ESRD risk scores are not provided for those months when the beneficiary is not ESRD. Hospice status is based on the 1st of the month.

86-97	Part C Beneficiary status for 2023 CMS-HCC V24 ESRD model	2 X 12	420-443	Array of 12 monthly flags. Part C Beneficiary status codes are as follows: 1 = Enrolled in a MA contract but not ESRD or Hospice 2 = Hospice 3 = Transplant kidney Only (Month 1) 4 = Transplant kidney Only (Month 2 and 3) 5 = New enrollee full dual Dialysis 6 = New enrollee non dual/partial dual Dialysis 7 = Dialysis LTI full dual 8 = Dialysis LTI partial dual 9 = Dialysis LTI non dual 10 = Dialysis non-LTI full dual 11 = Dialysis non-LTI partial dual 12 = Dialysis non-LTI non dual 13 = New enrollee full dual post graft (4-9 months) 14 = New enrollee non dual/partial dual post graft (4-9 months) 15 = New enrollee full dual post graft (10 or more months) 16 = New enrollee non dual/partial dual post graft (10 or more months) 17 = Institutional full dual post graft (4-9 months) 18 = Institutional partial dual post graft (4-9 months) 19 = Institutional non dual post graft (4-9 months) 20 = Institutional full dual post graft (10 or more months) 21 = Institutional partial dual post graft (10 or more months) 22 = Institutional non dual post graft (10 or more months) 23 = Community full dual post graft (4-9 months)	Part C beneficiary status for the 2023 CMS-HCC V24 ESRD model indicates which risk scores were used in the respective month. Beneficiary status is coded in the hierarchy as listed here. Non-ESRD risk scores are not provided for those months when the beneficiary is not ESRD. Hospice status is based on the 1st of the month.

Field #	Field Name	Len	Pos	Description	Explanation
				24 = Community partial dual post graft (4-9 months) 25 = Community non dual post graft (4-9 months) 26 = Community full dual post graft (10 or more months) 27 = Community partial dual post graft (10 or more months) 28 = Community non dual post graft (10 or more months)	
98	Aged Status	1	444	Beneficiary's Aged Status 1=Aged 0=Disabled	Age calculated as of February 1, 2022.