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

Medicare Plan Payment Group
Enterprise Systems Solutions Group

DATE:　　　　**August 28, 2015**

TO:　　　　All Medicare Advantage, Prescription Drug Plan, Cost, PACE, and Demonstration Organizations Systems Staff

FROM:　　　Cheri Rice /s/
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SUBJECT:　　**Announcement of the November 2015 Software Release**

The Centers for Medicare and Medicaid Services (CMS) continues to implement software improvements to the enrollment and payment systems that support Medicare Advantage and Prescription Drug (MAPD) programs. This letter provides detailed information regarding the planned release of systems changes scheduled for November 2015. This release focuses on improving the efficiency of CMS systems as well as Plan processing.

The November 2015 Release changes are as follows and may require Plan action:

1. **Plan Benefit Package (PBP) Number for Batch Disenrollment and Batch Cancel Disenrollments**
2. **Payer Order Change for AIDS Drug Assistance Programs (ADAPs)**
3. **Medicare Advantage Organization (MAO) 004 Report – Encounter Data Diagnoses Eligible for Risk Adjustment**
4. **Part C and Part D Risk Adjustment Model Output Data File Maintenance for 2016**

1. **Plan Benefit Package (PBP) Number for Batch Disenrollment and Batch Cancel Disenrollments**

Currently, when a Plan submits a batch disenrollment transaction or a cancel disenrollment transaction, MARx ignores the Plan Benefit Package (PBP) and will disenroll the beneficiary at the contract level. They are disenrolled not just from the contract and PBP in which they are enrolled as of the disenrollment date, but also from enrollment in any subsequent PBPs of the same contract. When this happens, any contiguous enrollments in other PBPs within the same contract that are effective after the disenrollment date are cancelled. The Plan then needs to go to the Retro Processing Contractor (RPC) to have the enrollments re-established. This causes extra unnecessary processing for the Plan. With this change, MARx will process the disenrollment or cancel disenrollment using the PBP submitted by the Plan.

- If a Plan does want to disenroll a beneficiary retroactively from the contract, it will need to submit a disenrollment transaction (TC 51) for each PBP in which the beneficiary is/was enrolled.

- If the enrollment has a PBP and the disenrollment or cancel disenrollment transaction is submitted without a PBP, the request will reject with a transaction reply code TRC 107 (Rejected, Invalid or Missing PBP Number).

- If, on a disenrollment transaction (TC 51), the Plan submits a valid contract/PBP combination, but the beneficiary is enrolled in a different PBP for that contract, the request will reject with a TRC 050 (Disenrollment Rejected, Not Enrolled).

- If, on a disenrollment cancellation transaction (TC 81), the Plan submits a valid contract/PBP combination but the beneficiary does not have a disenrollment from that contract/PBP with the same effective date, the request will reject with a TRC 289 (Disenrollment Cancellation Rejected).

- If an enrollment is in a contract which does not have PBPs, MARx will not require a PBP on the disenrollment (TC 51) or disenrollment cancellation transaction (TC 81).

For example, a beneficiary is enrolled in H1234/001 effective 1/1/15 and H1234/002 effective 6/1/2016. If H1234 submits a disenrollment effective 2/1/15 for PBP 001, MARx would cancel all enrollments into H1234, including PBP 002. After the change, only the submitted PBP (001 in this case) will be affected.

2. **Payer Order Change for AIDS Drug Assistance Programs (ADAPs)**

In mid-December, CMS' Benefits and Recovery Coordination Center (BRCC) (formerly the Coordination of Benefits (COB) Contractor) will implement a change to correct the supplemental payer order for Ryan White AIDS Drug Assistance Programs (ADAPs). By statute, ADAPs are payers of last resort, which means that ADAP funds may not be used when payment has been made or is expected to be made by another payer. As a result, the BRCC will implement a new COB payer order moving ADAPs to last payer while retaining the existing payer order for all other payers. The complete table of Payer Order Rules is included below; the ranges affected by this change are 701 and above and are italicized. An updated payer order table will be published in the November version of the Plan Communications User Guide (PCUG).

The payer order change will be prospective. That is, once the change is implemented, the new payer order will be applied to all open records as the monthly full replacement files are received from the ADAPs by the BRCC. Since these files are not all submitted on the same day and processing times may vary, it may take a month or two for all the updates to be applied.

Payer Order Rules:

Payment Order Range	Payment Type	MSP Reason	Supplemental Insurance Type	Coverage (to Medicare)
001 – 100	GHP w/ Patient Relationship= 1	A, B, G		Primary
101 – 200	GHP w/ Patient Relationship >= 2	A, B, G		Primary
201 – 300	Non-GHP	D, E, H, L		Primary
301 – 400	For Future Use			N/A
401 – 500	Secondary Insurer w/ Person Code = 1		L, M, O,	Secondary
501 – 600	Secondary Insurer w/ Person Code>= 2		L, M, O	Secondary
601 – 700	Federal Government Programs		T, 2	Secondary
701 – 750	*Patient Association Programs (PAPs), Charities*		*N, P, R*	*Secondary*
751-800	*SPAPs*		*Q*	*Secondary*
801-900	*Medicaid*		*1*	*Secondary*
901-999	*AIDS Drug Assistance Programs (ADAPs)*		*S*	*N/A*

3. **Medicare Advantage Organization (MAO) 004 Report – Encounter Data Diagnoses Eligible for Risk Adjustment**

Beginning with Payment Year (PY) 2015, encounter data based diagnoses with 2014 dates of service that are valid for risk adjustment will be added as another source of data when calculating risk scores, in addition to diagnoses from the Risk Adjustment Processing System (RAPS) and from fee-for-service (FFS) claims. For PY 2016 (2015 dates of service), CMS will use a blended risk score, adding 10% of the risk score calculated using diagnoses from encounter data records and FFS claims with 90% of the risk score calculated using diagnoses submitted to RAPS and FFS claims. In order to report which diagnoses CMS has extracted from the encounter data system to use in the calculation of risk scores, CMS will send a flat file report to Plan sponsors (MAOs, PACE Organizations, entities under contract to offer cost plans, and certain demonstration projects). The report will contain the diagnoses that meet the risk adjustment rules and are, therefore, eligible for risk adjustment.

This report will be distributed to MAOs by Contract Identification Number on a monthly basis via MARx. CMS will start sending the reports in December 2015, beginning with diagnoses from 2014 dates of service.

Please see the layout for the MAO-004 report in Attachment A. If you have any questions about the report, please email RiskAdjustment@cms.hhs.gov with the subject line of "MAO-004 report, Contract XXXX.

o *MAO-004 Report, Attachment A*

4. Part C and Part D Risk Adjustment Model Output Data File Maintenance for 2016

In the November 2015 System release, CMS will make changes to the Part C and Part D Risk Adjustment Model Output Data File (sometimes referred to as the Model Output Report, or MOR) layouts starting with the January 2016 monthly payment. Specifically, starting with 2016 payments:

- It is no longer necessary to use Record Type A on the Part C MOR, which is used with the models introduced prior to 2014. Starting with the January 2016 monthly payment, this record will contain <blank fields>/<not be included in the Part C MOR>. Note that including Record Type A is necessary when re-running risk scores from payment years prior to 2016.
- The 2016 Part D MOR will be modified to support the new RxHCC (Prescription Hierarchical Condition Category) model, due to the HCC factors that will change with the new model.
- Please see attached layouts of the revised Part C MOR and the revised Part D MOR in *Attachment B*.

Plans are encouraged to contact the MAPD Help Desk for any issues encountered during the systems update process. Please direct any questions or concerns to the MAPD Help Desk at 1-800-927-8069 or e-mail at mapdhelp@cms.hhs.gov.

Attachment A

RAS MAO-004 Report Header Record

#	Field Name	Field Length	Starting Position	Ending position	Format and Comments
1	Record Type	1	1	1	• Numeric • 0=Header
2	Delimiter	1	2	2	• Alphanumeric • Uses the * character
3	Report ID	7	3	9	• Alphanumeric • Value is 'MAO-004'
4	Delimiter	1	10	10	• Alphanumeric • Uses the * character
5	Medicare Advantage Contract ID	5	11	15	• Alphanumeric • Medicare Contract ID assigned to the submitting contract
6	Delimiter	1	16	16	• Alphanumeric • Uses the * character
7	Report Date	8	17	24	• Numeric • Format CCYYMMDD • Last day of encounter data submission month
8	Delimiter	1	25	25	• Alphanumeric • Uses the * character
9	Report Description	53	26	78	• Alphanumeric, • Left justify, blank fill • Value is "Encounter Data Diagnosis Eligible for Risk Adjustment"
10	Delimiter	1	79	79	• Alphanumeric • Uses the * character
11	Submission Interchange Number	30	80	109	• Alphanumeric • Interchange Sender ID (ISA06) + Interchange Control Number (ISA13) + Interchange Date (ISA09)
12	Delimiter	1	110	110	• Alphanumeric • Uses the * character
13	Submission File Type	4	111	114	• Alphanumeric • Value of 'PROD,' for production and 'TEST' for test files
14	Delimiter	1	115	115	• Alphanumeric • Uses the * character
15	Filler	385	116	500	• Alphanumeric • Spaces

Attachment A

The detail record details for each Plan their beneficiaries and the associated data.

RAS MAO-004 Detail Record

#					
1	Record Type	1	1	1	• Numeric • 1=Detail
2	Delimiter	1	2	2	• Alphanumeric • Uses the * character
3	Report ID	7	3	9	• Alphanumeric • Value is 'MAO-004'
4	Delimiter	1	10	10	• Alphanumeric • Uses the * character
5	Medicare Advantage Contract ID	5	11	15	• Alphanumeric • Medicare Contract ID assigned to the submitting contract
6	Delimiter	1	16	16	• Alphanumeric • Uses the * character
7	Beneficiary HICN	12	17	28	• Alphanumeric • Beneficiary Health Insurance Claim Number
8	Delimiter	1	29	29	• Alphanumeric • Uses the * character
9	Encounter ICN	44	30	73	• Numeric • Encounter Data System (EDS) Internal Control Number. In encounter data, only 13 spaces represent the ICN; however, there are 44 spaces on the records to allow enhancement of the ICN.
10	Delimiter	1	74	74	• Alphanumeric • Uses the * character
11	Replacement Encounter Switch	1	75	75	• Alpha Numeric • Encounter Replacement switch will identify if this there was a replacement received.
12	Delimiter	1	76	76	• Alphanumeric • Uses the * character
13	Original Encounter ICN	44	77	120	• Numeric • Encounter Data System (EDS) Internal Control Number. In encounter data, only 13 spaces represent the ICN; however, there are 44 spaces on the records to allow enhancement of the ICN.
14	Delimiter	1	121	121	• Alphanumeric • Uses the * character
15	Plan Submission Date	8	122	129	• Numeric, format CCYYMMDD • Identifies MAO data submission date
16	Delimiter	1	130	130	• Alphanumeric • Uses the * character
17	Processing Date	8	131	138	• Numeric, format CCYYMMDD • Identifies Encounter Data Processing System

					(EDPS) processing date.
18	Delimiter	1	139	139	• Alphanumeric • Uses the * character
19	"From" Date of Service	8	140	147	• Numeric • Format CCYYMMDD • The start date for a provided service
20	Delimiter	1	148	148	• Alphanumeric • Uses the * character
21	"Through" Date of Service	8	149	156	• Numeric, • Format CCYYMMDD • The end date for a provided service.
22	Delimiter	1	157	157	• Alphanumeric • Uses the * character
23	Claim Type	1	158	158	• Alphanumeric • Type of Claim: Professional, Inpatient, or Outpatient (Values: P, I, O)
24	Delimiter	1	159	159	• Alphanumeric • Uses the * character
25	Diagnosis Code	7	160	166	• Alphanumeric • ICD-9 codes will be accepted prior to the ICD-10 implementation date. Only ICD-10 codes will be accepted starting with ICD-10 implementation date.
26	Diagnosis ICD	1	167	167	• Alpha Numeric • ICD code for Diagnosis (9 or 0)
27	Delimiter	1	168	168	• Alphanumeric • Uses the * character
28	Diagnosis Codes	324	169	492	• Alpha Numeric • Additional Diagnosis codes up to 36 including the ICD codes and the * delimiters
29	Filler	8	493	500	• Alphanumeric • Spaces

Attachment A

The trailer record signals the end of the records for each Plan.

RAS MAO-004 Trailer Record

#	Field Name	Field Length	Starting Position	Ending position	Format and Comments
1	Record Type	1	1	1	• Numeric • 9=Trailer
2	Delimiter	1	2	2	• Alphanumeric • Uses the * character
3	Report ID	7	3	9	• Alphanumeric • Value is 'MAO-004'
4	Delimiter	1	10	10	• Alphanumeric • Uses the * character
5	Medicare Advantage Contract ID	5	11	15	• Alphanumeric • Medicare Contract ID assigned to the submitting contract
6	Delimiter	1	16	16	• Alphanumeric • Uses the * character
7	Total Number of Records	18	17	34	• Numeric • Count of detail records on this report
8	Delimiter	1	35	35	• Alphanumeric • Uses the * character
9	Filler	465	36	500	• Alphanumeric • Spaces

Attachment B

B.1 RAS MOR Rx HCC Output Data File Formats (Payment Year 2016)

The following three tables show the RAS MOR RxHCC output data file format for header, detail and trailer records used for Payment Year 2016. New Rx HCC V05 model is introduced for payment year 2016.

B.1.2 RAS MOR Rx HCC Header Record (Payment Year 2016)

The Contract Header Record signals the beginning of the detail/beneficiary records for a Medicare contract/plan.

Field #	Field Name	Data Type	Starting Position	Ending position	Field Length	Comment	Field Description
1	Record Type Code	Char(1)	1	1	1	Set to "1"	1 = Header 2 = Details 3 = Trailer
2	Contract Number	Char(5)	2	6	5	Also known as MCO plan number	Unique identification for a Managed Care Organization (MCO) enabling the MCO to provide coverage to eligible beneficiaries.
3	Run Date	Char(8)	7	14	8	Format as yyyymmdd	The run date when this file was created.
4	Payment Year and Month	Char(6)	15	20	6	Format as yyyymm	This identifies the risk adjustment payment year and month for the model run.
5	Filler	Char(143)	21	163	143	Spaces	Filler

The total length of this record is 163 characters.

Attachment B

B.1.3 RAS MOR Rx HCC Detail Record (Payment Year 2016)

Each Detail/Beneficiary Record contains information for an HCC beneficiary in a Medicare Advantage contract/plan, as of the last RAS model run for the current calendar/payment year.

Field #	Field Name	Data Type	Starting Position	Ending Position	Field Length	Comment	Field Description
1	Record Type Code	Char(1)	1	1	1	Set to "2"	1 = Header 2 = Details 3 = Trailer
2	Health Insurance Claim Account Number	Char(12)	2	13	12	Also known as HICAN	This is the Health Insurance Claim Account Number (known as HICAN) identifying the primary Medicare Beneficiary under the SSA or RRB programs. The HICAN, consisting of Beneficiary Claim Number (BENE_CAN_NUM) along with the Beneficiary Identification Code (BIC_CD), uniquely identifies a Medicare Beneficiary. For the RRB program, the claim account number is a 12-byte account number.
3	Beneficiary Last Name	Char(12)	14	25	12	First 12 bytes of the Bene Last Name	Beneficiary Last Name
4	Beneficiary First Name	Char(7)	26	32	7	First 7 bytes of the bene First Name	Beneficiary First Name
5	Beneficiary Initial	Char(1)	33	33	1	1 byte Initial	Beneficiary Initial
6	Date of Birth	Char(8)	34	41	8	Formatted as yyyymmdd	The date of birth of the Medicare Beneficiary
7	Sex	Char(1)	42	42	1	0=unknown, 1=male, 2=female	Represents the sex of the Medicare Beneficiary.

Attachment B

Field #	Field Name	Data Type	Starting Position	Ending Position	Field Length	Comment	Field Description
8	Social Security Number	Char(9)	43	51	9	Also known as SSN_NUM	The beneficiary's current identification number that was assigned by the Social Security Administration.
9	Age Group Female 0-34	Char(1)	52	52	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date. Female between ages of 0 and 34.
10	Age Group Female35_44	Char(1)	53	53	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date. Female between ages of 35 and 44, inclusive.
11	Age Group Female45_54	Char(1)	54	54	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date. Female between ages of 45 and 54, inclusive.
12	Age Group Female55_59	Char(1)	55	55	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date. Female between ages of 55 and 59, inclusive.
13	Age Group Female60_64	Char(1)	56	56	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date. Female between ages of 60 and 64, inclusive.
14	Age Group Female65_69	Char(1)	57	57	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date. Female between ages of 65 and 69, inclusive.
15	Age Group Female70_74	Char(1)	58	58	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date. Female between ages of 70 and 74, inclusive.
16	Age Group Female75_79	Char(1)	59	59	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date. Female between ages of 75 and 79, inclusive.
17	Age Group Female80_84	Char(1)	60	60	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date. Female between ages of 80 and 84, inclusive.

Attachment B

Field #	Field Name	Data Type	Starting Position	Ending Position	Field Length	Comment	Field Description
18	Age Group Female85_89	Char(1)	61	61	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date. Female between ages of 85 and 89, inclusive.
19	Age Group Female90_94	Char(1)	62	62	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date. Female between ages of 90 and 94, inclusive.
20	Age Group Female95_GT	Char(1)	63	63	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date. Female, age 95 and greater.
21	Age Group Male0_34	Char(1)	64	64	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date. Male between ages of 0 and 34, inclusive.
22	Age Group Male35_44	Char(1)	65	65	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date. Male between ages of 35 and 44, inclusive.
23	Age Group Male45_54	Char(1)	66	66	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date. Male between ages of 45 and 54, inclusive.
24	Age Group Male55_59	Char(1)	67	67	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date. Male between ages of 55 and 59, inclusive.
25	Age Group Male60_64	Char(1)	68	68	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date. Male between ages of 60 and 64, inclusive.
26	Age Group Male65_69	Char(1)	69	69	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date. Male between ages of 65 and 69, inclusive.
27	Age Group Male70_74	Char(1)	70	70	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date. Male between ages of 70 and 74, inclusive.

Field #	Field Name	Data Type	Starting Position	Ending Position	Field Length	Comment	Field Description
28	Age Group Male75_79	Char(1)	71	71	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date. Male between ages of 75 and 79, inclusive.
29	Age Group Male80_84	Char(1)	72	72	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date. Male between ages of 80 and 84, inclusive.
30	Age Group Male85_89	Char(1)	73	73	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date. Male between ages of 85 and 89, inclusive.
31	Age Group Male90_94	Char(1)	74	74	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date. Male between ages of 90 and 94, inclusive.
32	Age Group Male95_GT	Char(1)	75	75	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date. Male, age 95 and greater.
33	Originally Disabled Female	Char(1)	76	76	1	Set to "1" if applicable, otherwise "0"	Beneficiary is a female and original Medicare entitlement was due to disability.
34	Originally Disabled Male	Char(1)	77	77	1	Set to "1" if applicable, otherwise "0"	Beneficiary is a male and original Medicare entitlement was due to disability.
35	Disease Coefficients RXHCC1	Char(1)	78	78	1	Set to "1" if applicable, otherwise "0"	HIV/AIDS
36	Disease Coefficients RXHCC5	Char(1)	79	79	1	Set to "1" if applicable, otherwise "0"	Opportunistic Infections
37	Disease Coefficients RXHCC15	Char(1)	80	80	1	Set to "1" if applicable, otherwise "0"	Chronic Myeloid Leukemia
38	Disease Coefficients RXHCC16	Char(1)	81	81	1	Set to "1" if applicable, otherwise "0"	Multiple Myeloma and Other Neoplastic Disorders

Field #	Field Name	Data Type	Starting Position	Ending Position	Field Length	Comment	Field Description
39	Disease Coefficients RXHCC17	Char(1)	82	82	1	Set to "1" if applicable, otherwise "0"	Secondary Cancers of Bone, Lung, Brain, and Other Specified Sites; Liver Cancer
40	Disease Coefficients RXHCC18	Char(1)	83	83	1	Set to "1" if applicable, otherwise "0"	Lung, Kidney, and Other Cancers
41	Disease Coefficients RXHCC19	Char(1)	84	84	1	Set to "1" if applicable, otherwise "0"	Breast and Other Cancers and Tumors
42	Disease Coefficients RXHCC30	Char(1)	85	85	1	Set to "1" if applicable, otherwise "0"	Diabetes with Complications
43	Disease Coefficients RXHCC31	Char(1)	86	86	1	Set to "1" if applicable, otherwise "0"	Diabetes without Complication
44	Disease Coefficients RXHCC40	Char(1)	87	87	1	Set to "1" if applicable, otherwise "0"	Specified Hereditary Metabolic/Immune Disorders
45	Disease Coefficients RXHCC41	Char(1)	88	88	1	Set to "1" if applicable, otherwise "0"	Pituitary, Adrenal Gland, and Other Endocrine and Metabolic Disorders
46	Disease Coefficients RXHCC42	Char(1)	89	89	1	Set to "1" if applicable, otherwise "0"	Thyroid Disorders
47	Disease Coefficients RXHCC43	Char(1)	90	90	1	Set to "1" if applicable, otherwise "0"	Morbid Obesity
48	Disease Coefficients RXHCC45	Char(1)	91	91	1	Set to "1" if applicable, otherwise "0"	Disorders of Lipoid Metabolism
49	Disease Coefficients RXHCC54	Char(1)	92	92	1	Set to "1" if applicable, otherwise "0"	Chronic Viral Hepatitis C
50	Disease Coefficients RXHCC55	Char(1)	93	93	1	Set to "1" if applicable, otherwise "0"	Chronic Viral Hepatitis, Except Hepatitis C
51	Disease Coefficients RXHCC65	Char(1)	94	94	1	Set to "1" if applicable, otherwise "0"	Chronic Pancreatitis

Attachment B

Field #	Field Name	Data Type	Starting Position	Ending Position	Field Length	Comment	Field Description
52	Disease Coefficients RXHCC66	Char(1)	95	95	1	Set to "1" if applicable, otherwise "0"	Pancreatic Disorders and Intestinal Malabsorption, Except Pancreatitis
53	Disease Coefficients RXHCC67	Char(1)	96	96	1	Set to "1" if applicable, otherwise "0"	Inflammatory Bowel Disease
54	Disease Coefficients RXHCC68	Char(1)	97	97	1	Set to "1" if applicable, otherwise "0"	Esophageal Reflux and Other Disorders of Esophagus
55	Disease Coefficients RXHCC80	Char(1)	98	98	1	Set to "1" if applicable, otherwise "0"	Aseptic Necrosis of Bone
56	Disease Coefficients RXHCC82	Char(1)	99	99	1	Set to "1" if applicable, otherwise "0"	Psoriatic Arthropathy and Systemic Sclerosis
57	Disease Coefficients RXHCC83	Char(1)	100	100	1	Set to "1" if applicable, otherwise "0"	Rheumatoid Arthritis and Other Inflammatory Polyarthropathy
58	Disease Coefficients RXHCC84	Char(1)	101	101	1	Set to "1" if applicable, otherwise "0"	Systemic Lupus Erythematosus, Other Connective Tissue Disorders, and Inflammatory Spondylopathies
59	Disease Coefficients RXHCC87	Char(1)	102	102	1	Set to "1" if applicable, otherwise "0"	Osteoporosis, Vertebral and Pathological Fractures
60	Disease Coefficients RXHCC95	Char(1)	103	103	1	Set to "1" if applicable, otherwise "0"	Sickle Cell Anemia
61	Disease Coefficients RXHCC96	Char(1)	104	104	1	Set to "1" if applicable, otherwise "0"	Myelodysplastic Syndromes and Myelofibrosis
62	Disease Coefficients RXHCC97	Char(1)	105	105	1	Set to "1" if applicable, otherwise "0"	Immune Disorders
63	Disease Coefficients RXHCC98	Char(1)	106	106	1	Set to "1" if applicable, otherwise "0"	Aplastic Anemia and Other Significant Blood Disorders

Attachment B

Field #	Field Name	Data Type	Starting Position	Ending Position	Field Length	Comment	Field Description
64	Disease Coefficients RXHCC111	Char(1)	107	107	1	Set to "1" if applicable, otherwise "0"	Alzheimer's Disease
65	Disease Coefficients RXHCC112	Char(1)	108	108	1	Set to "1" if applicable, otherwise "0"	Dementia, Except Alzheimer's Disease
66	Disease Coefficients RXHCC130	Char(1)	109	109	1	Set to "1" if applicable, otherwise "0"	Schizophrenia
67	Disease Coefficients RXHCC131	Char(1)	110	110	1	Set to "1" if applicable, otherwise "0"	Bipolar Disorders
68	Disease Coefficients RXHCC132	Char(1)	111	111	1	Set to "1" if applicable, otherwise "0"	Major Depression
69	Disease Coefficients RXHCC133	Char(1)	112	112	1	Set to "1" if applicable, otherwise "0"	Specified Anxiety, Personality, and Behavior Disorders
70	Disease Coefficients RXHCC134	Char(1)	113	113	1	Set to "1" if applicable, otherwise "0"	Depression
71	Disease Coefficients RXHCC135	Char(1)	114	114	1	Set to "1" if applicable, otherwise "0"	Anxiety Disorders
72	Disease Coefficients RXHCC145	Char(1)	115	115	1	Set to "1" if applicable, otherwise "0"	Autism
73	Disease Coefficients RXHCC146	Char(1)	116	116	1	Set to "1" if applicable, otherwise "0"	Profound or Severe Intellectual Disability/Developmental Disorder
74	Disease Coefficients RXHCC147	Char(1)	117	117	1	Set to "1" if applicable, otherwise "0"	Moderate Intellectual Disability/Developmental Disorder
75	Disease Coefficients RXHCC148	Char(1)	118	118	1	Set to "1" if applicable, otherwise "0"	Mild or Unspecified Intellectual Disability/Developmental Disorder
76	Disease Coefficients RXHCC156	Char(1)	119	119	1	Set to "1" if applicable, otherwise "0"	Myasthenia Gravis, Amyotrophic Lateral Sclerosis and Other Motor Neuron Disease

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Field #	Field Name	Data Type	Starting Position	Ending Position	Field Length	Comment	Field Description
77	Disease Coefficients RXHCC157	Char(1)	120	120	1	Set to "1" if applicable, otherwise "0"	Spinal Cord Disorders
78	Disease Coefficients RXHCC159	Char(1)	121	121	1	Set to "1" if applicable, otherwise "0"	Inflammatory and Toxic Neuropathy
79	Disease Coefficients RXHCC160	Char(1)	122	122	1	Set to "1" if applicable, otherwise "0"	Multiple Sclerosis
80	Disease Coefficients RXHCC161	Char(1)	123	123	1	Set to "1" if applicable, otherwise "0"	Parkinson's and Huntington's Diseases
81	Disease Coefficients RXHCC163	Char(1)	124	124	1	Set to "1" if applicable, otherwise "0"	Intractable Epilepsy
82	Disease Coefficients RXHCC164	Char(1)	125	125	1	Set to "1" if applicable, otherwise "0"	Epilepsy and Other Seizure Disorders, Except Intractable Epilepsy
83	Disease Coefficients RXHCC165	Char(1)	126	126	1	Set to "1" if applicable, otherwise "0"	Convulsions
84	Disease Coefficients RXHCC166	Char(1)	127	127	1	Set to "1" if applicable, otherwise "0"	Migraine Headaches
85	Disease Coefficients RXHCC168	Char(1)	128	128	1	Set to "1" if applicable, otherwise "0"	Trigeminal and Postherpetic Neuralgia
86	Disease Coefficients RXHCC185	Char(1)	129	129	1	Set to "1" if applicable, otherwise "0"	Primary Pulmonary Hypertension
87	Disease Coefficients RXHCC186	Char(1)	130	130	1	Set to "1" if applicable, otherwise "0"	Congestive Heart Failure
88	Disease Coefficients RXHCC187	Char(1)	131	131	1	Set to "1" if applicable, otherwise "0"	Hypertension
89	Disease Coefficients RXHCC188	Char(1)	132	132	1	Set to "1" if applicable, otherwise "0"	Coronary Artery Disease

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Field #	Field Name	Data Type	Starting Position	Ending Position	Field Length	Comment	Field Description
90	Disease Coefficients RXHCC193	Char(1)	133	133	1	Set to "1" if applicable, otherwise "0"	Atrial Arrhythmias
91	Disease Coefficients RXHCC206	Char(1)	134	134	1	Set to "1" if applicable, otherwise "0"	Cerebrovascular Disease, Except Hemorrhage or Aneurysm
92	Disease Coefficients RXHCC207	Char(1)	135	135	1	Set to "1" if applicable, otherwise "0"	Spastic Hemiplegia
93	Disease Coefficients RXHCC215	Char(1)	136	136	1	Set to "1" if applicable, otherwise "0"	Venous Thromboembolism
94	Disease Coefficients RXHCC216	Char(1)	137	137	1	Set to "1" if applicable, otherwise "0"	Peripheral Vascular Disease
95	Disease Coefficients RXHCC225	Char(1)	138	138	1	Set to "1" if applicable, otherwise "0"	Cystic Fibrosis
96	Disease Coefficients RXHCC226	Char(1)	139	139	1	Set to "1" if applicable, otherwise "0"	Chronic Obstructive Pulmonary Disease and Asthma
97	Disease Coefficients RXHCC227	Char(1)	140	140	1	Set to "1" if applicable, otherwise "0"	Pulmonary Fibrosis and Other Chronic Lung Disorders
98	Disease Coefficients RXHCC241	Char(1)	141	141	1	Set to "1" if applicable, otherwise "0"	Diabetic Retinopathy
99	Disease Coefficients RXHCC243	Char(1)	142	142	1	Set to "1" if applicable, otherwise "0"	Open-Angle Glaucoma
100	Disease Coefficients RXHCC260	Char(1)	143	143	1	Set to "1" if applicable, otherwise "0"	Kidney Transplant Status
101	Disease Coefficients RXHCC261	Char(1)	144	144	1	Set to "1" if applicable, otherwise "0"	Dialysis Status
102	Disease Coefficients RXHCC262	Char(1)	145	145	1	Set to "1" if applicable, otherwise "0"	Chronic Kidney Disease Stage 5

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Field #	Field Name	Data Type	Starting Position	Ending Position	Field Length	Comment	Field Description
103	Disease Coefficients RXHCC263	Char(1)	146	146	1	Set to "1" if applicable, otherwise "0"	Chronic Kidney Disease Stage 4
104	Disease Coefficients RXHCC311	Char(1)	147	147	1	Set to "1" if applicable, otherwise "0"	Chronic Ulcer of Skin, Except Pressure
105	Disease Coefficients RXHCC314	Char(1)	148	148	1	Set to "1" if applicable, otherwise "0"	Pemphigus
106	Disease Coefficients RXHCC316	Char(1)	149	149	1	Set to "1" if applicable, otherwise "0"	Psoriasis, Except with Arthropathy
107	Disease Coefficients RXHCC355	Char(1)	150	150	1	Set to "1" if applicable, otherwise "0"	Narcolepsy and Cataplexy
108	Disease Coefficients RXHCC395	Char(1)	151	151	1	Set to "1" if applicable, otherwise "0"	Lung Transplant Status
109	Disease Coefficients RXHCC396	Char(1)	152	152	1	Set to "1" if applicable, otherwise "0"	Major Organ Transplant Status, Except Lung, Kidney, and Pancreas
110	Disease Coefficients RXHCC397	Char(1)	153	153	1	Set to "1" if applicable, otherwise "0"	Pancreas Transplant Status
111	Originally Disabled	Char(1)	154	154	1	Set to "1" if applicable, otherwise "0"	The original reason for Medicare entitlement was due to disability.
112	NONAGED RXHCC1	Char(1)	155	155	1	Set to "1" if applicable, otherwise "0"	Non-Aged and HIV/AIDS
113	NONAGED RXHCC130	Char(1)	156	156	1	Set to "1" if applicable, otherwise "0"	Non-Aged and Schizophrenia
114	NONAGED RXHCC131	Char(1)	157	157	1	Set to "1" if applicable, otherwise "0"	Non-Aged and Bipolar Disorders
115	NONAGED RXHCC132	Char(1)	158	158	1	Set to "1" if applicable, otherwise "0"	Non-Aged and Major Depression

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Field #	Field Name	Data Type	Starting Position	Ending Position	Field Length	Comment	Field Description
116	NONAGED RXHCC133	Char(1)	159	159	1	Set to "1" if applicable, otherwise "0"	Non-Aged and Specified Anxiety, Personality, and Behavior Disorders
117	NONAGED RXHCC134	Char(1)	160	160	1	Set to "1" if applicable, otherwise "0"	Non-Aged and Depression
118	NONAGED RXHCC135	Char(1)	161	161	1	Set to "1" if applicable, otherwise "0"	Non-Aged and Anxiety Disorders
119	NONAGED RXHCC160	Char(1)	162	162	1	Set to "1" if applicable, otherwise "0"	Non-Aged and Autism
120	NONAGED RXHCC163	Char(1)	163	163	1	Set to "1" if applicable, otherwise "0"	Non-Aged and Multiple Sclerosis

The total length of this record is 163 characters.

NOTE: Fields 111-120 are associated with the Rx HCC Continuing Enrollee Institutional Score only.

Attachment B

B.1.4 RAS MOR Rx HCC Trailer Record (Payment Year 2016)

The Contract Trailer Record signals the end of the detail/beneficiary records for a
Medicare Advantage contract/plan or a standalone Prescription Drug Plan.

Field #	Field Name	Data Type	Starting Position	Ending Position	Field Length	Comment	Field Description
1	Record Type Code	Char(1)	1	1	1	Set to "3"	1 = Header 2 = Details 3 = Trailer
2	Contract Number	Char(5)	2	6	5	Also known as MCO plan number	Unique identification for a Managed Care Organization (MCO) enabling the MCO to provide coverage to eligible beneficiaries.
3	Total Record Count	Char(9)	7	15	9	Includes all header and trailer records	Record count in display format 9(9).
4	Filler	Char(153)	16	163	153	Spaces	Filler

The total length of this record is 163 characters.

Attachment B

B.2 RAS MOR CMS HCC Output File Format (Payment Year 2016)

The following five tables show the header, detail and trailer records formats for CMS HCC records used for Payment Year 2016.

B.2.1 RAS MOR CMS HCC Header Record (Payment Year 2016)

The Contract Header Record signals the beginning of the detail/beneficiary records for a Medicare contract/plan.

Field #	Field Name	Data Type	Starting Position	Ending Position	Field Length	Comment	Field Description
1	Record Type Code	Char(1)	1	1	1	Set to "1"	1 = Header B = Details for new V21 PTC MOR C = Details for new V22 PTC MOR 3 = Trailer
2	Contract Number	Char(5)	2	6	5		Unique identification for a Medicare Advantage Contract
3	Run Date	Char(8)	7	14	8	Format as yyyymmdd	The run date when this file was created
4	Payment Year and Month	Char(6)	15	20	6	Format as yyyymm	This identifies the risk adjustment payment year and month for the model run.
5	Filler	Char(180)	21	200	180	Spaces	Filler

The total length of this record is 200 characters.

B.2.2 RAS MOR CMS HCC Detail Record Type A

CMS removed CMS HCC V12 model in payment year 2016. The detail record Type A is no longer used to report on non-PACE, non-ESRD beneficiaries in 2016.

Attachment B

B.2.3 RAS MOR CMS HCC Detail Record Type B (Payment Year 2016)

Each Detail/Beneficiary Record contains information for an HCC beneficiary in a Medicare Advantage contract/plan, as of the last RAS model run for the current calendar/payment year. The beneficiary is reported on a detail record Type B, dependent on the enrollment and ESRD status.

The detail record Type B is used to report on PACE and ESRD beneficiaries in 2016.

Field #	Field Name	Data Type	Starting Position	Ending Position	Field Length	Comment	Field Description
1	Record Type Code	Char(1)	1	1	1	Set to "B"	1 = Header B = Details for new V21 PTC MOR C = Details for new V22 PTC MOR 3 = Trailer
2	Health Insurance Claim Account Number	Char(12)	2	13	12	Also known as HICAN	This is the Health Insurance Claim Account Number (known as HICAN) identifying the primary Medicare Beneficiary under the SSA or RRB programs. The HICAN, consisting of Beneficiary Claim Number (BENE_CAN_NUM) along with the Beneficiary Identification Code (BIC_CD), uniquely identifies a Medicare Beneficiary. For the RRB program, the claim account number is a 12-byte account number.
3	Beneficiary Last Name	Char(12)	14	25	12	First 12 bytes of the Bene Last Name	Beneficiary Last Name
4	Beneficiary First Name	Char(7)	26	32	7	First 7 bytes of the bene First Name	Beneficiary First Name
5	Beneficiary Initial	Char(1)	33	33	1	1-byte Initial	Beneficiary Initial
6	Date of Birth	Char(8)	34	41	8	Formatted as yyyymmdd	The date of birth of the Medicare Beneficiary
7	Sex	Char(1)	42	42	1	0=unknown, 1=male, 2=female	Represents the sex of the Medicare Beneficiary. Examples include Male and Female.
8	Social Security Number	Char(9)	43	51	9	Also known as SSN_NUM	The beneficiary's current identification number that was assigned by the Social Security Administration

Attachment B

Field #	Field Name	Data Type	Starting Position	Ending Position	Field Length	Comment	Field Description
9	RAS ESRD Indicator Switch	Char(1)	52	52	1	Y = ESRD N = not ESRD	The beneficiary's ESRD status as of the model run. Also indicates if the beneficiary was processed by the ESRD models in the model run.
10	Age Group Female0_34	Char(1)	53	53	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date: female between ages 0 and 34, inclusive
11	Age Group Female35_44	Char(1)	54	54	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date: female between ages 35 and 44, inclusive
12	Age Group Female45_54	Char(1)	55	55	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date: female between ages 45 and 54, inclusive
13	Age Group Female55_59	Char(1)	56	56	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date: female between ages 55 and 59, inclusive
14	Age Group Female60_64	Char(1)	57	57	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date: female between ages 60 and 64, inclusive
15	Age Group Female65_69	Char(1)	58	58	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date: female between ages 65 and 69, inclusive
16	Age Group Female70_74	Char(1)	59	59	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date: female between ages 70 and 74, inclusive
17	Age Group Female75_79	Char(1)	60	60	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date: female between ages 75 and 79, inclusive
18	Age Group Female80_84	Char(1)	61	61	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date: female between ages of 80 and 84, inclusive

Field #	Field Name	Data Type	Starting Position	Ending Position	Field Length	Comment	Field Description
19	Age Group Female85_89	Char(1)	62	62	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date: female between ages of 85 and 89, inclusive
20	Age Group Female90_94	Char(1)	63	63	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date: female between ages of 90 and 94, inclusive
21	Age Group Female95_GT	Char(1)	64	64	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date: female, age 95 or greater
22	Age Group Male0_34	Char(1)	65	65	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date: male between ages of 0 and 34, inclusive
23	Age Group Male35_44	Char(1)	66	66	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date: male between ages of 35 and 44, inclusive
24	Age Group Male45_54	Char(1)	67	67	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date: male between ages of 45 and 54, inclusive
25	Age Group Male55_59	Char(1)	68	68	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date: male between ages of 55 and 59, inclusive
26	Age Group Male60_64	Char(1)	69	69	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date: male between ages of 60 and 64, inclusive
27	Age Group Male65_69	Char(1)	70	70	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date: male between ages of 65 and 69, inclusive
28	Age Group Male70_74	Char(1)	71	71	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date: male between ages of 70 and 74, inclusive
29	Age Group Male75_79	Char(1)	72	72	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date: male between ages of 75 and 79, inclusive

Field #	Field Name	Data Type	Starting Position	Ending Position	Field Length	Comment	Field Description
30	Age Group Male80_84	Char(1)	73	73	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date: male between ages of 80 and 84, inclusive
31	Age Group Male85_89	Char(1)	74	74	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date: male between ages of 85 and 89, inclusive
32	Age Group Male90_94	Char(1)	75	75	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date: male between ages of 90 and 94, inclusive
33	Age Group Male95_GT	Char(1)	76	76	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date: male, age 95 or greater
34	Medicaid Female Disabled	Char(1)	77	77	1	Set to "1" if applicable, otherwise "0"	Beneficiary is a female disabled and also entitled to Medicaid.
35	Medicaid Female Aged	Char(1)	78	78	1	Set to "1" if applicable, otherwise "0"	Beneficiary is a female aged (> 64) and also entitled to Medicaid.
36	Medicaid Male Disabled	Char(1)	79	79	1	Set to "1" if applicable, otherwise "0"	Beneficiary is a male disabled and also entitled to Medicaid.
37	Medicaid Male Aged	Char(1)	80	80	1	Set to "1" if applicable, otherwise "0"	Beneficiary is a male aged (> 64) and also entitled to Medicaid.
38	Originally Disabled Female	Char(1)	81	81	1	Set to "1" if applicable, otherwise "0"	Beneficiary is a female and original Medicare entitlement was due to disability.
39	Originally Disabled Male	Char(1)	82	82	1	Set to "1" if applicable, otherwise "0"	Beneficiary is a male and original Medicare entitlement was due to disability.
40	HCC001	Char(1)	83	83	1	Set to "1" if applicable, otherwise "0"	HIV/AIDS
41	HCC002	Char(1)	84	84	1	Set to "1" if applicable, otherwise "0"	Septicemia, Sepsis, Systemic Inflammatory Response Syndrome/Shock
42	HCC006	Char(1)	85	85	1	Set to "1" if applicable, otherwise "0"	Opportunistic Infections
43	HCC008	Char(1)	86	86	1	Set to "1" if applicable, otherwise "0"	Metastatic Cancer and Acute Leukemia
44	HCC009	Char(1)	87	87	1	Set to "1" if applicable, otherwise "0"	Lung and Other Severe Cancers

Field #	Field Name	Data Type	Starting Position	Ending Position	Field Length	Comment	Field Description
45	HCC010	Char(1)	88	88	1	Set to "1" if applicable, otherwise "0"	Lymphoma and Other Cancers
46	HCC011	Char(1)	89	89	1	Set to "1" if applicable, otherwise "0"	Colorectal, Bladder, and Other Cancers
47	HCC012	Char(1)	90	90	1	Set to "1" if applicable, otherwise "0"	Breast, Prostate, and Other Cancers and Tumors
48	HCC017	Char(1)	91	91	1	Set to "1" if applicable, otherwise "0"	Diabetes with Acute Complications
49	HCC018	Char(1)	92	92	1	Set to "1" if applicable, otherwise "0"	Diabetes with Chronic Complications
50	HCC019	Char(1)	93	93	1	Set to "1" if applicable, otherwise "0"	Diabetes without Complication
51	HCC021	Char(1)	94	94	1	Set to "1" if applicable, otherwise "0"	Protein-Calorie Malnutrition
52	HCC022	Char(1)	95	95	1	Set to "1" if applicable, otherwise "0"	Morbid Obesity
53	HCC023	Char(1)	96	96	1	Set to "1" if applicable, otherwise "0"	Other Significant Endocrine and Metabolic Disorders
54	HCC027	Char(1)	97	97	1	Set to "1" if applicable, otherwise "0"	End-Stage Liver Disease
55	HCC028	Char(1)	98	98	1	Set to "1" if applicable, otherwise "0"	Cirrhosis of Liver
56	HCC029	Char(1)	99	99	1	Set to "1" if applicable, otherwise "0"	Chronic Hepatitis
57	HCC033	Char(1)	100	100	1	Set to "1" if applicable, otherwise "0"	Intestinal Obstruction/Perforation
58	HCC034	Char(1)	101	101	1	Set to "1" if applicable, otherwise "0"	Chronic Pancreatitis
59	HCC035	Char(1)	102	102	1	Set to "1" if applicable, otherwise "0"	Inflammatory Bowel Disease
60	HCC039	Char(1)	103	103	1	Set to "1" if applicable, otherwise "0"	Bone/Joint/Muscle Infections/Necrosis
61	HCC040	Char(1)	104	104	1	Set to "1" if applicable, otherwise "0"	Rheumatoid Arthritis and Inflammatory Connective Tissue Disease
62	HCC046	Char(1)	105	105	1	Set to "1" if applicable, otherwise "0"	Severe Hematological Disorders

Field #	Field Name	Data Type	Starting Position	Ending Position	Field Length	Comment	Field Description
63	HCC047	Char(1)	106	106	1	Set to "1" if applicable, otherwise "0"	Disorders of Immunity
64	HCC048	Char(1)	107	107	1	Set to "1" if applicable, otherwise "0"	Coagulation Defects and Other Specified Hematological Disorders
65	HCC051	Char(1)	108	108	1	Set to "1" if applicable, otherwise "0"	Dementia With Complications
66	HCC052	Char(1)	109	109	1	Set to "1" if applicable, otherwise "0"	Dementia Without Complication
67	HCC054	Char(1)	110	110	1	Set to "1" if applicable, otherwise "0"	Drug/Alcohol Psychosis
68	HCC055	Char(1)	111	111	1	Set to "1" if applicable, otherwise "0"	Drug/Alcohol Dependence
69	HCC057	Char(1)	112	112	1	Set to "1" if applicable, otherwise "0"	Schizophrenia
70	HCC058	Char(1)	113	113	1	Set to "1" if applicable, otherwise "0"	Major Depressive, Bipolar, and Paranoid Disorders
71	HCC070	Char(1)	114	114	1	Set to "1" if applicable, otherwise "0"	Quadriplegia
72	HCC071	Char(1)	115	115	1	Set to "1" if applicable, otherwise "0"	Paraplegia
73	HCC072	Char(1)	116	116	1	Set to "1" if applicable, otherwise "0"	Spinal Cord Disorders/Injuries
74	HCC073	Char(1)	117	117	1	Set to "1" if applicable, otherwise "0"	Amyotrophic Lateral Sclerosis and Other Motor Neuron Disease
75	HCC074	Char(1)	118	118	1	Set to "1" if applicable, otherwise "0"	Cerebral Palsy
76	HCC075	Char(1)	119	119	1	Set to "1" if applicable, otherwise "0"	Polyneuropathy
77	HCC076	Char(1)	120	120	1	Set to "1" if applicable, otherwise "0"	Muscular Dystrophy
78	HCC077	Char(1)	121	121	1	Set to "1" if applicable, otherwise "0"	Multiple Sclerosis
79	HCC078	Char(1)	122	122	1	Set to "1" if applicable, otherwise "0"	Parkinsons and Huntingtons Diseases
80	HCC079	Char(1)	123	123	1	Set to "1" if applicable, otherwise "0"	Seizure Disorders and Convulsions

Attachment B

Field #	Field Name	Data Type	Starting Position	Ending Position	Field Length	Comment	Field Description
81	HCC080	Char(1)	124	124	1	Set to "1" if applicable, otherwise "0"	Coma, Brain Compression/Anoxic Damage
82	HCC082	Char(1)	125	125	1	Set to "1" if applicable, otherwise "0"	Respirator Dependence/Tracheostomy Status
83	HCC083	Char(1)	126	126	1	Set to "1" if applicable, otherwise "0"	Respiratory Arrest
84	HCC084	Char(1)	127	127	1	Set to "1" if applicable, otherwise "0"	Cardio-Respiratory Failure and Shock
85	HCC085	Char(1)	128	128	1	Set to "1" if applicable, otherwise "0"	Congestive Heart Failure
86	HCC086	Char(1)	129	129	1	Set to "1" if applicable, otherwise "0"	Acute Myocardial Infarction
87	HCC087	Char(1)	130	130	1	Set to "1" if applicable, otherwise "0"	Unstable Angina and Other Acute Ischemic Heart Disease
88	HCC088	Char(1)	131	131	1	Set to "1" if applicable, otherwise "0"	Angina Pectoris
89	HCC096	Char(1)	132	132	1	Set to "1" if applicable, otherwise "0"	Specified Heart Arrhythmias
90	HCC099	Char(1)	133	133	1	Set to "1" if applicable, otherwise "0"	Cerebral Hemorrhage
91	HCC100	Char(1)	134	134	1	Set to "1" if applicable, otherwise "0"	Ischemic or Unspecified Stroke
92	HCC103	Char(1)	135	135	1	Set to "1" if applicable, otherwise "0"	Hemiplegia/Hemiparesis
93	HCC104	Char(1)	136	136	1	Set to "1" if applicable, otherwise "0"	Monoplegia, Other Paralytic Syndromes
94	HCC106	Char(1)	137	137	1	Set to "1" if applicable, otherwise "0"	Atherosclerosis of the Extremities with Ulceration or Gangrene
95	HCC107	Char(1)	138	138	1	Set to "1" if applicable, otherwise "0"	Vascular Disease with Complications
96	HCC108	Char(1)	139	139	1	Set to "1" if applicable, otherwise "0"	Vascular Disease
97	HCC110	Char(1)	140	140	1	Set to "1" if applicable, otherwise "0"	Cystic Fibrosis
98	HCC111	Char(1)	141	141	1	Set to "1" if applicable, otherwise "0"	Chronic Obstructive Pulmonary Disease

Field #	Field Name	Data Type	Starting Position	Ending Position	Field Length	Comment	Field Description
99	HCC112	Char(1)	142	142	1	Set to "1" if applicable, otherwise "0"	Fibrosis of Lung and Other Chronic Lung Disorders
100	HCC114	Char(1)	143	143	1	Set to "1" if applicable, otherwise "0"	Aspiration and Specified Bacterial Pneumonias
101	HCC115	Char(1)	144	144	1	Set to "1" if applicable, otherwise "0"	Pneumococcal Pneumonia, Emphysema, Lung Abscess
102	HCC122	Char(1)	145	145	1	Set to "1" if applicable, otherwise "0"	Proliferative Diabetic Retinopathy and Vitreous Hemorrhage
103	HCC124	Char(1)	146	146	1	Set to "1" if applicable, otherwise "0"	Exudative Macular Degeneration
104	HCC134	Char(1)	147	147	1	Set to "1" if applicable, otherwise "0"	Dialysis Status
105	HCC135	Char(1)	148	148	1	Set to "1" if applicable, otherwise "0"	Acute Renal Failure
106	HCC136	Char(1)	149	149	1	Set to "1" if applicable, otherwise "0"	Chronic Kidney Disease, Stage 5
107	HCC137	Char(1)	150	150	1	Set to "1" if applicable, otherwise "0"	Chronic Kidney Disease, Severe (Stage 4)
108	HCC138	Char(1)	151	151	1	Set to "1" if applicable, otherwise "0"	Chronic Kidney Disease, Moderate (Stage 3)
109	HCC139	Char(1)	152	152	1	Set to "1" if applicable, otherwise "0"	Chronic Kidney Disease, Mild or Unspecified (Stages 1-2 or Unspecified)
110	HCC140	Char(1)	153	153	1	Set to "1" if applicable, otherwise "0"	Unspecified Renal Failure
111	HCC141	Char(1)	154	154	1	Set to "1" if applicable, otherwise "0"	Nephritis
112	HCC157	Char(1)	155	155	1	Set to "1" if applicable, otherwise "0"	Pressure Ulcer of Skin with Necrosis Through to Muscle, Tendon, or Bone
113	HCC158	Char(1)	156	156	1	Set to "1" if applicable, otherwise "0"	Pressure Ulcer of Skin with Full Thickness Skin Loss
114	HCC159	Char(1)	157	157	1	Set to "1" if applicable, otherwise "0"	Pressure Ulcer of Skin with Partial Thickness Skin Loss
115	HCC160	Char(1)	158	158	1	Set to "1" if applicable, otherwise "0"	Pressure Pre-Ulcer Skin Changes or Unspecified Stage

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Field #	Field Name	Data Type	Starting Position	Ending Position	Field Length	Comment	Field Description
116	HCC161	Char(1)	159	159	1	Set to "1" if applicable, otherwise "0"	Chronic Ulcer of Skin, Except Pressure
117	HCC162	Char(1)	160	160	1	Set to "1" if applicable, otherwise "0"	Severe Skin Burn or Condition
118	HCC166	Char(1)	161	161	1	Set to "1" if applicable, otherwise "0"	Severe Head Injury
119	HCC167	Char(1)	162	162	1	Set to "1" if applicable, otherwise "0"	Major Head Injury
120	HCC169	Char(1)	163	163	1	Set to "1" if applicable, otherwise "0"	Vertebral Fractures without Spinal Cord Injury
121	HCC170	Char(1)	164	164	1	Set to "1" if applicable, otherwise "0"	Hip Fracture/Dislocation
122	HCC173	Char(1)	165	165	1	Set to "1" if applicable, otherwise "0"	Traumatic Amputations and Complications
123	HCC176	Char(1)	166	166	1	Set to "1" if applicable, otherwise "0"	Complications of Specified Implanted Device or Graft
124	HCC186	Char(1)	167	167	1	Set to "1" if applicable, otherwise "0"	Major Organ Transplant or Replacement Status
125	HCC188	Char(1)	168	168	1	Set to "1" if applicable, otherwise "0"	Artificial Openings for Feeding or Elimination
126	HCC189	Char(1)	169	169	1	Set to "1" if applicable, otherwise "0"	Amputation Status, Lower Limb/Amputation Complications
127	Disabled Disease HCC006	Char(1)	170	170	1	Set to "1" if applicable, otherwise "0"	Disabled (Age<65) and CMS V21 HCC 006 Opportunistic Infections
128	Disabled Disease HCC034	Char(1)	171	171	1	Set to "1" if applicable, otherwise "0"	Disabled (Age<65) and CMS V21 HCC 034 Chronic Pancreatitis
129	Disabled Disease HCC046	Char(1)	172	172	1	Set to "1" if applicable, otherwise "0"	Disabled (Age<65) and CMS V21 HCC 046 Severe Hematological Disorders
130	Disabled Disease HCC054	Char(1)	173	173	1	Set to "1" if applicable, otherwise "0"	Disabled (Age<65) and CMS V21 HCC 054 Drug/Alcohol Psychosis
131	Disabled Disease HCC055	Char(1)	174	174	1	Set to "1" if applicable, otherwise "0"	Disabled (Age<65) and CMS V21 HCC 055 Drug/Alcohol Dependence
132	Disabled Disease HCC110	Char(1)	175	175	1	Set to "1" if applicable, otherwise "0"	Disabled (Age<65) and CMS V21 HCC 110 Cystic Fibrosis

Field #	Field Name	Data Type	Starting Position	Ending Position	Field Length	Comment	Field Description
133	Disabled Disease HCC176	Char(1)	176	176	1	Set to "1" if applicable, otherwise "0"	Disabled (Age<65) and CMS V21 HCC 176 Complications of Specified Implanted Device or Graft
134	CANCER_ IMMUNE	Char(1)	177	177	1	Set to "1" if applicable, otherwise "0"	CANCER_IMMUNE
135	CHF_COPD	Char(1)	178	178	1	Set to "1" if applicable, otherwise "0"	CHF_COPD
136	CHF_RENAL	Char(1)	179	179	1	Set to "1" if applicable, otherwise "0"	CHF_RENAL
137	COPD_CARD _RESP_FAIL	Char(1)	180	180	1	Set to "1" if applicable, otherwise "0"	COPD_CARD_RESP_FA IL
138	DIABETES_ CHF	Char(1)	181	181	1	Set to "1" if applicable, otherwise "0"	DIABETES_CHF
139	SEPSIS_ CARD_RESP_ FAIL	Char(1)	182	182	1	Set to "1" if applicable, otherwise "0"	SEPSIS_CARD_RESP_F AIL
140	Medicaid	Char(1)	183	183	1	Set to "1" if applicable, otherwise "0"	Beneficiary is entitled to Medicaid.
141	Originally Disabled	Char(1)	184	184	1	Set to "1" if applicable, otherwise "0"	Beneficiary original Medicare entitlement was due to disability.
142	Disabled Disease HCC039	Char(1)	185	185	1	Set to "1" if applicable, otherwise "0"	Disabled (Age<65) and CMS V21 HCC 039 Bone/Joint/Muscle Infections/Necrosis
143	Disabled Disease HCC077	Char(1)	186	186	1	Set to "1" if applicable, otherwise "0"	Disabled (Age<65) and CMS V21 HCC 077 Multiple Sclerosis
144	Disabled Disease HCC085	Char(1)	187	187	1	Set to "1" if applicable, otherwise "0"	Disabled (Age<65) and CMS V21 HCC 085 Congestive Heart Failure
145	Disabled Disease HCC161	Char(1)	188	188	1	Set to "1" if applicable, otherwise "0"	Disabled (Age<65) and CMS V21 HCC 161 Chronic Ulcer of Skin, Except Pressure
146	ART_ OPENINGS_ PRESSURE_ ULCER	Char(1)	189	189	1	Set to "1" if applicable	ART_OPENINGS_PRES SURE_ ULCER
147	ASP_SPEC_ BACT_ PNEUM_ PRES_ULC	Char(1)	190	190	1	Set to "1" if applicable	ASP_SPEC_BACT_PNE UM_ PRES_ULC
148	COPD_ASP_ SPEC_BACT_ PNEUM	Char(1)	191	191	1	Set to "1" if applicable	COPD_ASP_SPEC_BAC T_ PNEUM

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Field #	Field Name	Data Type	Starting Position	Ending Position	Field Length	Comment	Field Description
149	DISABLED_ PRESSURE_ ULCER	Char(1)	192	192	1	Set to "1" if applicable	DISABLED_PRESSURE _ULCER
150	SCHIZO- PHRENIA_ CHF	Char(1)	193	193	1	Set to "1" if applicable	SCHIZO- PHRENIA_CHF
151	SCHIZO- PHRENIA_ COPD	Char(1)	194	194	1	Set to "1" if applicable	SCHIZO- PHRENIA_COPD
152	SCHIZO- PHRENIA_ SEIZURES	Char(1)	195	195	1	Set to "1" if applicable	SCHIZO- PHRENIA_SEIZURES
153	SEPSIS_ ARTIF_ OPENINGS	Char(1)	196	196	1	Set to "1" if applicable	SEPSIS_ARTIF_OPENI NGS
154	SEPSIS_ ASP_SPEC_ BACT_ PNEUM	Char(1)	197	197	1	Set to "1" if applicable	SEPSIS_ASP_SPEC_BA CT_ PNEUM
155	SEPSIS_ PRESSURE_ ULCER	Char(1)	198	198	1	Set to "1" if applicable	SEPSIS_PRESSURE_UL CER
156	Filler	Char(2)	199	200	2	Spaces	Filler

The total length of this record is 200 characters.
NOTE: Fields 140-155 are associated with the CMS HCC V21 Institutional Score only.

B.2.4 RAS MOR CMS HCC Detail Record Type C (Payment Year 2016)

The Part C MOR for 2016 will now report only a V22 Detail Record Type 'C' for non-PACE, non-ESRD beneficiaries.

The detail record Type C is used to report on non-PACE and non-ESRD beneficiaries in 2014 and after.

Field #	Field Name	Data Type	Starting Position	Ending Position	Field Length	Comment	Field Description
1	Record Type Code	Char(1)	1	1	1	Set to "C"	1 = Header, B = Details for new V21 PTC MOR, C = Details for new V22 PTC MOR 3 = Trailer
2	Health Insurance Claim Account Number	Char(12)	2	13	12	Also known as HICAN	This is the Health Insurance Claim Account Number (known as HICAN) identifying the primary Medicare Beneficiary under the SSA or RRB programs. The HICAN consist of Beneficiary Claim Number (BENE_CAN_NUM) along with the Beneficiary Identification Code (BIC_CD) uniquely identifies a Medicare Beneficiary. For the RRB program, the claim account number is a 12-byte account number.
3	Beneficiary Last Name	Char(12)	14	25	12	First 12 bytes of the Bene Last Name	Beneficiary Last Name
4	Beneficiary First Name	Char(7)	26	32	7	First 7 bytes of the bene First Name	Beneficiary First Name
5	Beneficiary Initial	Char(1)	33	33	1	1-byte Initial	Beneficiary Initial
6	Date of Birth	Char(8)	34	41	8	Formatted as yyyymmdd	The date of birth of the Medicare Beneficiary
7	Sex	Char(1)	42	42	1	0=unknown, 1=male, 2=female	Represents the sex of the Medicare Beneficiary. Examples include Male and Female.
8	Social Security Number	Char(9)	43	51	9	Also known as SSN_NUM	The beneficiary's current identification number that was assigned by the Social Security Administration.

Field #	Field Name	Data Type	Starting Position	Ending Position	Field Length	Comment	Field Description
Beneficiary Demographic Indicators:							
9	Age Group Female0_34	Char(1)	52	52	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date. Female between ages 0 and 34, inclusive.
10	Age Group Female35_44	Char(1)	53	53	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date. Female between ages 35 and 44, inclusive.
11	Age Group Female45_54	Char(1)	54	54	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date. Female between ages 45 and 54, inclusive.
12	Age Group Female55_59	Char(1)	55	55	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date. Female between ages 55 and 59, inclusive.
13	Age Group Female60_64	Char(1)	56	56	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date. Female between ages 60 and 64, inclusive.
14	Age Group Female65_69	Char(1)	57	57	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date. Female between ages 65 and 69, inclusive.
15	Age Group Female70_74	Char(1)	58	58	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date. Female between ages 70 and 74, inclusive.
16	Age Group Female75_79	Char(1)	59	59	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date. Female between ages 75 and 79, inclusive.
17	Age Group Female80_84	Char(1)	60	60	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date. Female between ages of 80 and 84, inclusive.
18	Age Group Female85_89	Char(1)	61	61	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date. Female between ages of 85 and 89, inclusive.

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Field #	Field Name	Data Type	Starting Position	Ending Position	Field Length	Comment	Field Description
19	Age Group Female90_94	Char(1)	62	62	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date. Female between ages of 90 and 94, inclusive.
20	Age Group Female95_GT	Char(1)	63	63	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date. Female, age 95 or greater.
21	Age Group Male0_34	Char(1)	64	64	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date. Male between ages of 0 and 34, inclusive.
22	Age Group Male35_44	Char(1)	65	65	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date. Male between ages of 35 and 44, inclusive.
23	Age Group Male45_54	Char(1)	66	66	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date. Male between ages of 45 and 54, inclusive.
24	Age Group Male55_59	Char(1)	67	67	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date. Male between ages of 55 and 59, inclusive.
25	Age Group Male60_64	Char(1)	68	68	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date. Male between ages of 60 and 64, inclusive.
26	Age Group Male65_69	Char(1)	69	69	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date. Male between ages of 65 and 69, inclusive.
27	Age Group Male70_74	Char(1)	70	70	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date. Male between ages of 70 and 74, inclusive.
28	Age Group Male75_79	Char(1)	71	71	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date. Male between ages of 75 and 79, inclusive.

Field #	Field Name	Data Type	Starting Position	Ending Position	Field Length	Comment	Field Description
29	Age Group Male80_84	Char(1)	72	72	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date. Male between ages of 80 and 84, inclusive.
30	Age Group Male85_89	Char(1)	73	73	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date. Male between ages of 85 and 89, inclusive.
31	Age Group Male90_94	Char(1)	74	74	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date. Male between ages of 90 and 94, inclusive.
32	Age Group Male95_GT	Char(1)	75	75	1	Set to "1" if applicable, otherwise "0"	The sex and age group for the beneficiary based on a given as of date. Male, age 95 or greater.
33	Medicaid Female Disabled	Char(1)	76	76	1	Set to "1" if applicable, otherwise "0"	Beneficiary is a female disabled and also entitled to Medicaid.
34	Medicaid Female Aged	Char(1)	77	77	1	Set to "1" if applicable, otherwise "0"	Beneficiary is a female aged (> 64) and also entitled to Medicaid.
35	Medicaid Male Disabled	Char(1)	78	78	1	Set to "1" if applicable, otherwise "0"	Beneficiary is a male disabled and also entitled to Medicaid.
36	Medicaid Male Aged	Char(1)	79	79	1	Set to "1" if applicable, otherwise "0"	Beneficiary is a male aged (> 64) and also entitled to Medicaid.
37	Originally Disabled Female	Char(1)	80	80	1	Set to "1" if applicable, otherwise "0"	Beneficiary is a female and original Medicare entitlement was due to disability.
38	Originally Disabled Male	Char(1)	81	81	1	Set to "1" if applicable, otherwise "0"	Beneficiary is a male and original Medicare entitlement was due to disability.
HCC Indicators:							
39	HCC001	Char(1)	82	82	1	Set to "1" if applicable, otherwise "0"	HIV/AIDS
40	HCC002	Char(1)	83	83	1	Set to "1" if applicable, otherwise "0"	Septicemia, Sepsis, Systemic Inflammatory Response Syndrome/Shock
41	HCC006	Char(1)	84	84	1	Set to "1" if applicable, otherwise "0"	Opportunistic Infections
42	HCC008	Char(1)	85	85	1	Set to "1" if applicable, otherwise "0"	Metastatic Cancer and Acute Leukemia

Field #	Field Name	Data Type	Starting Position	Ending Position	Field Length	Comment	Field Description
43	HCC009	Char(1)	86	86	1	Set to "1" if applicable, otherwise "0"	Lung and Other Severe Cancers
44	HCC010	Char(1)	87	87	1	Set to "1" if applicable, otherwise "0"	Lymphoma and Other Cancers
45	HCC011	Char(1)	88	88	1	Set to "1" if applicable, otherwise "0"	Colorectal, Bladder, and Other Cancers
46	HCC012	Char(1)	89	89	1	Set to "1" if applicable, otherwise "0"	Breast, Prostate, and Other Cancers and Tumors
47	HCC017	Char(1)	90	90	1	Set to "1" if applicable, otherwise "0"	Diabetes with Acute Complications
48	HCC018	Char(1)	91	91	1	Set to "1" if applicable, otherwise "0"	Diabetes with Chronic Complications
49	HCC019	Char(1)	92	92	1	Set to "1" if applicable, otherwise "0"	Diabetes without Complication
50	HCC021	Char(1)	93	93	1	Set to "1" if applicable, otherwise "0"	Protein-Calorie Malnutrition
51	HCC022	Char(1)	94	94	1	Set to "1" if applicable, otherwise "0"	Morbid Obesity
52	HCC023	Char(1)	95	95	1	Set to "1" if applicable, otherwise "0"	Other Significant Endocrine and Metabolic Disorders
53	HCC027	Char(1)	96	96	1	Set to "1" if applicable, otherwise "0"	End-Stage Liver Disease
54	HCC028	Char(1)	97	97	1	Set to "1" if applicable, otherwise "0"	Cirrhosis of Liver
55	HCC029	Char(1)	98	98	1	Set to "1" if applicable, otherwise "0"	Chronic Hepatitis
56	HCC033	Char(1)	99	99	1	Set to "1" if applicable, otherwise "0"	Intestinal Obstruction/Perforation
57	HCC034	Char(1)	100	100	1	Set to "1" if applicable, otherwise "0"	Chronic Pancreatitis
58	HCC035	Char(1)	101	101	1	Set to "1" if applicable, otherwise "0"	Inflammatory Bowel Disease
59	HCC039	Char(1)	102	102	1	Set to "1" if applicable, otherwise "0"	Bone/Joint/Muscle Infections/Necrosis
60	HCC040	Char(1)	103	103	1	Set to "1" if applicable, otherwise "0"	Rheumatoid Arthritis and Inflammatory Connective Tissue Disease

Field #	Field Name	Data Type	Starting Position	Ending Position	Field Length	Comment	Field Description
61	HCC046	Char(1)	104	104	1	Set to "1" if applicable, otherwise "0"	Severe Hematological Disorders
62	HCC047	Char(1)	105	105	1	Set to "1" if applicable, otherwise "0"	Disorders of Immunity
63	HCC048	Char(1)	106	106	1	Set to "1" if applicable, otherwise "0"	Coagulation Defects and Other Specified Hematological Disorders
64	HCC054	Char(1)	107	107	1	Set to "1" if applicable, otherwise "0"	Drug/Alcohol Psychosis
65	HCC055	Char(1)	108	108	1	Set to "1" if applicable, otherwise "0"	Drug/Alcohol Dependence
66	HCC057	Char(1)	109	109	1	Set to "1" if applicable, otherwise "0"	Schizophrenia
67	HCC058	Char(1)	110	110	1	Set to "1" if applicable, otherwise "0"	Major Depressive, Bipolar, and Paranoid Disorders
68	HCC070	Char(1)	111	111	1	Set to "1" if applicable, otherwise "0"	Quadriplegia
69	HCC071	Char(1)	112	112	1	Set to "1" if applicable, otherwise "0"	Paraplegia
70	HCC072	Char(1)	113	113	1	Set to "1" if applicable, otherwise "0"	Spinal Cord Disorders/Injuries
71	HCC073	Char(1)	114	114	1	Set to "1" if applicable, otherwise "0"	Amyotrophic Lateral Sclerosis and Other Motor Neuron Disease
72	HCC074	Char(1)	115	115	1	Set to "1" if applicable, otherwise "0"	Cerebral Palsy
73	HCC075	Char(1)	116	116	1	Set to "1" if applicable, otherwise "0"	Polyneuropathy
74	HCC076	Char(1)	117	117	1	Set to "1" if applicable, otherwise "0"	Muscular Dystrophy
75	HCC077	Char(1)	118	118	1	Set to "1" if applicable, otherwise "0"	Multiple Sclerosis
76	HCC078	Char(1)	119	119	1	Set to "1" if applicable, otherwise "0"	Parkinsons and Huntingtons Diseases
77	HCC079	Char(1)	120	120	1	Set to "1" if applicable, otherwise "0"	Seizure Disorders and Convulsions
78	HCC080	Char(1)	121	121	1	Set to "1" if applicable, otherwise "0"	Coma, Brain Compression/Anoxic Damage

Field #	Field Name	Data Type	Starting Position	Ending Position	Field Length	Comment	Field Description
79	HCC082	Char(1)	122	122	1	Set to "1" if applicable, otherwise "0"	Respirator Dependence/Tracheostomy Status
80	HCC083	Char(1)	123	123	1	Set to "1" if applicable, otherwise "0"	Respiratory Arrest
81	HCC084	Char(1)	124	124	1	Set to "1" if applicable, otherwise "0"	Cardio-Respiratory Failure and Shock
82	HCC085	Char(1)	125	125	1	Set to "1" if applicable, otherwise "0"	Congestive Heart Failure
83	HCC086	Char(1)	126	126	1	Set to "1" if applicable, otherwise "0"	Acute Myocardial Infarction
84	HCC087	Char(1)	127	127	1	Set to "1" if applicable, otherwise "0"	Unstable Angina and Other Acute Ischemic Heart Disease
85	HCC088	Char(1)	128	128	1	Set to "1" if applicable, otherwise "0"	Angina Pectoris
86	HCC096	Char(1)	129	129	1	Set to "1" if applicable, otherwise "0"	Specified Heart Arrhythmias
87	HCC099	Char(1)	130	130	1	Set to "1" if applicable, otherwise "0"	Cerebral Hemorrhage
88	HCC100	Char(1)	131	131	1	Set to "1" if applicable, otherwise "0"	Ischemic or Unspecified Stroke
89	HCC103	Char(1)	132	132	1	Set to "1" if applicable, otherwise "0"	Hemiplegia/Hemiparesis
90	HCC104	Char(1)	133	133	1	Set to "1" if applicable, otherwise "0"	Monoplegia, Other Paralytic Syndromes
91	HCC106	Char(1)	134	134	1	Set to "1" if applicable, otherwise "0"	Atherosclerosis of the Extremities with Ulceration or Gangrene
92	HCC107	Char(1)	135	135	1	Set to "1" if applicable, otherwise "0"	Vascular Disease with Complications
93	HCC108	Char(1)	136	136	1	Set to "1" if applicable, otherwise "0"	Vascular Disease
94	HCC110	Char(1)	137	137	1	Set to "1" if applicable, otherwise "0"	Cystic Fibrosis
95	HCC111	Char(1)	138	138	1	Set to "1" if applicable, otherwise "0"	Chronic Obstructive Pulmonary Disease
96	HCC112	Char(1)	139	139	1	Set to "1" if applicable, otherwise "0"	Fibrosis of Lung and Other Chronic Lung Disorders

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Field #	Field Name	Data Type	Starting Position	Ending Position	Field Length	Comment	Field Description
97	HCC114	Char(1)	140	140	1	Set to "1" if applicable, otherwise "0"	Aspiration and Specified Bacterial Pneumonias
98	HCC115	Char(1)	141	141	1	Set to "1" if applicable, otherwise "0"	Pneumococcal Pneumonia, Emphysema, Lung Abscess
99	HCC122	Char(1)	142	142	1	Set to "1" if applicable, otherwise "0"	Proliferative Diabetic Retinopathy and Vitreous Hemorrhage
100	HCC124	Char(1)	143	143	1	Set to "1" if applicable, otherwise "0"	Exudative Macular Degeneration
101	HCC134	Char(1)	144	144	1	Set to "1" if applicable, otherwise "0"	Dialysis Status
102	HCC135	Char(1)	145	145	1	Set to "1" if applicable, otherwise "0"	Acute Renal Failure
103	HCC136	Char(1)	146	146	1	Set to "1" if applicable, otherwise "0"	Chronic Kidney Disease, Stage 5
104	HCC137	Char(1)	147	147	1	Set to "1" if applicable, otherwise "0"	Chronic Kidney Disease, Severe (Stage 4)
105	HCC157	Char(1)	148	148	1	Set to "1" if applicable, otherwise "0"	Pressure Ulcer of Skin with Necrosis Through to Muscle, Tendon, or Bone
106	HCC158	Char(1)	149	149	1	Set to "1" if applicable, otherwise "0"	Pressure Ulcer of Skin with Full Thickness Skin Loss
107	HCC161	Char(1)	150	150	1	Set to "1" if applicable, otherwise "0"	Chronic Ulcer of Skin, Except Pressure
108	HCC162	Char(1)	151	151	1	Set to "1" if applicable, otherwise "0"	Severe Skin Burn or Condition
109	HCC166	Char(1)	152	152	1	Set to "1" if applicable, otherwise "0"	Severe Head Injury
110	HCC167	Char(1)	153	153	1	Set to "1" if applicable, otherwise "0"	Major Head Injury
111	HCC169	Char(1)	154	154	1	Set to "1" if applicable, otherwise "0"	Vertebral Fractures without Spinal Cord Injury
112	HCC170	Char(1)	155	155	1	Set to "1" if applicable, otherwise "0"	Hip Fracture/Dislocation
113	HCC173	Char(1)	156	156	1	Set to "1" if applicable, otherwise "0"	Traumatic Amputations and Complications
114	HCC176	Char(1)	157	157	1	Set to "1" if applicable, otherwise "0"	Complications of Specified Implanted Device or Graft

Field #	Field Name	Data Type	Starting Position	Ending Position	Field Length	Comment	Field Description
115	HCC186	Char(1)	158	158	1	Set to "1" if applicable, otherwise "0"	Major Organ Transplant or Replacement Status
116	HCC188	Char(1)	159	159	1	Set to "1" if applicable, otherwise "0"	Artificial Openings for Feeding or Elimination
117	HCC189	Char(1)	160	160	1	Set to "1" if applicable, otherwise "0"	Amputation Status, Lower Limb/Amputation Complications
Disabled HCCs							
118	Disabled Disease HCC006	Char(1)	161	161	1	Set to "1" if applicable, otherwise "0"	Disabled (Age<65) and CMS Ver 021 HCC 006 Opportunistic Infections
119	Disabled Disease HCC034	Char(1)	162	162	1	Set to "1" if applicable, otherwise "0"	Disabled (Age<65) and CMS Ver 021 HCC 034 Chronic Pancreatitis
120	Disabled Disease HCC046	Char(1)	163	163	1	Set to "1" if applicable, otherwise "0"	Disabled (Age<65) and CMS Ver 021 HCC 046 Severe Hematological Disorders
121	Disabled Disease HCC054	Char(1)	164	164	1	Set to "1" if applicable, otherwise "0"	Disabled (Age<65) and CMS Ver 021 HCC 054 Drug/Alcohol Psychosis
122	Disabled Disease HCC055	Char(1)	165	165	1	Set to "1" if applicable, otherwise "0"	Disabled (Age<65) and CMS Ver 021 HCC 055 Drug/Alcohol Dependence
123	Disabled Disease HCC110	Char(1)	166	166	1	Set to "1" if applicable, otherwise "0"	Disabled (Age<65) and CMS Ver 021 HCC 110 Cystic Fibrosis
124	Disabled Disease HCC176	Char(1)	167	167	1	Set to "1" if applicable, otherwise "0"	Disabled (Age<65) and CMS Ver 021 HCC 176 Complications of Specified Implanted Device or Graft
Disease Interactions							
125	CANCER_ IMMUNE	Char(1)	168	168	1	Set to "1" if applicable, otherwise "0"	CANCER_IMMUNE
126	CHF_COPD	Char(1)	169	169	1	Set to "1" if applicable, otherwise "0"	CHF_COPD
127	CHF_RENAL	Char(1)	170	170	1	Set to "1" if applicable, otherwise "0"	CHF_RENAL
128	COPD_CARD _RESP_FAIL	Char(1)	171	171	1	Set to "1" if applicable, otherwise "0"	COPD_CARD_RESP_ FAIL
129	DIABETES_ CHF	Char(1)	172	172	1	Set to "1" if applicable, otherwise "0"	DIABETES_CHF
130	SEPSIS_CARD _RESP_FAIL	Char(1)	173	173	1	Set to "1" if applicable, otherwise "0"	SEPSIS_CARD_ RESP_FAIL

Attachment B

Field #	Field Name	Data Type	Starting Position	Ending Position	Field Length	Comment	Field Description
Additional Institutional Coefficients							
131	Medicaid	Char(1)	174	174	1	Set to "1" if applicable, otherwise "0"	Beneficiary is entitled to Medicaid.
132	Originally Disabled	Char(1)	175	175	1	Set to "1" if applicable, otherwise "0"	Beneficiary original Medicare entitlement was due to disability.
Disabled HCCs							
133	Disabled Disease HCC039	Char(1)	176	176	1	Set to "1" if applicable, otherwise "0"	Disabled (Age<65) and CMS Ver 021 HCC 039 Bone/Joint/Muscle Infections/Necrosis
134	Disabled Disease HCC077	Char(1)	177	177	1	Set to "1" if applicable, otherwise "0"	Disabled (Age<65) and CMS Ver 021 HCC 077 Multiple Sclerosis
135	Disabled Disease HCC085	Char(1)	178	178	1	Set to "1" if applicable, otherwise "0"	Disabled (Age<65) and CMS Ver 021 HCC 085 Congestive Heart Failure
136	Disabled Disease HCC161	Char(1)	179	179	1	Set to "1" if applicable, otherwise "0"	Disabled (Age<65) and CMS Ver 021 HCC 161 Chronic Ulcer of Skin, Except Pressure
137	DISABLED_PRESSURE_ULCER	Char(1)	180	180	1	Set to "1" if applicable, otherwise "0"	DISABLED_PRESSURE_ULCER
Disease Interactions							
138	ART_OPENINGS_PRESSURE_ULCER	Char(1)	181	181	1	Set to "1" if applicable	ART_OPENINGS_PRESSURE_ULCER
139	ASP_SPEC_BACT_PNEUM_PRES_ULC	Char(1)	182	182	1	Set to "1" if applicable	ASP_SPEC_BACT_PNEUM_PRES_ULC
140	COPD_ASP_SPEC_BACT_PNEUM	Char(1)	183	183	1	Set to "1" if applicable	COPD_ASP_SPEC_BACT_PNEUM
141	SCHIZO-PHRENIA_CHF	Char(1)	184	184	1	Set to "1" if applicable	SCHIZO-PHRENIA_CHF
142	SCHIZO-PHRENIA_COPD	Char(1)	185	185	1	Set to "1" if applicable	SCHIZO-PHRENIA_COPD
143	SCHIZO-PHRENIA_SEIZURES	Char(1)	186	186	1	Set to "1" if applicable	SCHIZO-PHRENIA_SEIZURES
144	SEPSIS_ARTIF_OPENINGS	Char(1)	187	187	1	Set to "1" if applicable	SEPSIS_ARTIF_OPENINGS
145	SEPSIS_ASP_SPEC_BACT_PNEUM	Char(1)	188	188	1	Set to "1" if applicable	SEPSIS_ASP_SPEC_BACT_PNEUM

Field #	Field Name	Data Type	Starting Position	Ending Position	Field Length	Comment	Field Description
146	SEPSIS_ PRESSURE_ ULCER	Char(1)	189	189	1	Set to "1" if applicable	SEPSIS_ PRESSURE_ ULCER
147	Filler	Char(11)	190	200	11	Spaces	Filler

The total length of this record is 200 characters.

B.2.5 RAS MOR CMS HCC Trailer Record (Payment Year 2016)

The Contract Trailer Record signals the end of the detail/beneficiary records for a Medicare Advantage contract/plan or a standalone Prescription Drug Plan.

Field #	Field Name	Data Type	Starting Position	Ending Position	Field Length	Comment	Field Description
1	Record Type Code	Char(1)	1	1	1	Set to "3"	1 = Header B = Details for new V21 PTC MOR C = Details for new V22 PTC MOR 3 = Trailer
2	Contract Number	Char(5)	2	6	5	Also known as MCO plan number	Unique identification for a Managed Care Organization (MCO) enabling the MCO to provide coverage to eligible beneficiaries
3	Total Record Count	Char(9)	7	15	9	Includes all header and trailer records	Record count in display format
4	Filler	Char(185)	16	200	185	Spaces	Filler

The total length of this record is 200 characters.