DEPARTMENT OF HEALTH & HUMAN SERVICES
Centers for Medicare & Medicaid Services
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CENTER FOR MEDICARE
MEDICARE PLAN PAYMENT GROUP

DATE: August 17, 2017

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

FROM: Jennifer Harlow, Deputy Director
             Medicare Plan Payment Group

SUBJECT: Changes to Payment Year (PY) 2016 Final Model Output Report (MOR)

CMS distributes the Model Output Report (MOR) to plans to identify the Hierarchical
Condition Categories (HCCs) used to calculate risk scores for each beneficiary. This memo
provides information regarding changes being made to the MOR for the 2016 final payment.

For PY 2016 (2015 dates of service), CMS will use a blended risk score, adding 10% of the risk
score calculated based on HCCs from diagnoses filtered from encounter data and fee-for-
service (FFS) claims with 90% of the risk score calculated based on HCCs from diagnoses
submitted to the risk adjustment processing system (RAPS) and FFS claims. To assist plans in
identifying HCCs from the RAPS and encounter data, the MORs have been revised to allow
separate reporting of HCCs used in the RAPS-based scores and the encounter data-based
scores.

To identify HCCs from encounter data used for risk score calculation, CMS created additional
MOR record types. There is now a MOR record type that reports HCCs based on diagnoses from
encounter data and FFS and a separate record type that reports HCCs based on diagnoses from
the RAPS and FFS. Please note, for PY 2016, risk scores for PACE organizations continue to be
calculated based on diagnoses from RAPS, encounter data, and FFS in equal measure with no
weighting. Therefore, there are also separate record types specifically for PACE organizations
that report HCCs from any of the three sources (RAPS, encounter data, and FFS).

The record types for 2016 Final are outlined as follows:

2016 Final Model Run Data Source	Model	Model Version	MOR Record Type
MORs for RAPS and FFS Based HCCs	ESRD and ESRD Post Graft	V21	E
	CMS-HCC Aged/Disabled (non-PACE and non-ESRD)	V22 (PY 2014-2016)	C
	RxHCC	V05 (PY 2016)	2
MORs for Encounter Data and FFS Based HCCs	ESRD and ESRD Post Graft	V21	G
	CMS-HCC Aged/Disabled (non-PACE and non-ESRD)	V22 (PY 2014-2016)	F
	RxHCC	V05 (PY 2016)	4
MORs for PACE Organizations (RAPS, FFS and Encounter Data)	PACE and PACE-ESRD Post Graft	V21	B
	RxHCC	V05 (PY 2016)	5

The updated MOR layouts including these record types are attached below. Because the MOR layouts are the same for each record type that is reporting HCCs or RxHCCs for the same version of a model, CMS is providing only the different layouts, even though the report itself will provide each applicable record type for a beneficiary, with the unique data for each. For example, record types B, E, and G are all reporting HCCs in the ESRD and post graft model; therefore, the same MOR layout applies to all three record types. This is the same case for record types 2, 4, and 5, which report RxHCCs for the Part D model, as well as record types C and F, which report HCCs for the CMS-HCC aged/disabled model.

Questions related to this guidance should be submitted to riskadjustment@cms.hhs.gov. Please use "HPMS Memo – Changes to Payment Year (PY) 2016 Final Model Output Report (MOR)" as the subject in all communications regarding this guidance.

MOR LAYOUT FOR RECORD TYPES B, E, and G

RAS MOR CMS HCC Header Record

#	Field Name	Length	Start Position	End Position	Format / Comments
1	Record Type Code	001	001	001	• Alphanumeric • Set to "1" for Header
2	Contract Number	005	002	006	• Alphanumeric • Unique identification for a Medicare Advantage Contract
3	Run Date	008	007	014	• Alphanumeric • Format as yyyymmdd • The run date when this file is created
4	Payment Year and Month	006	015	020	• Alphanumeric • Format as yyyymm • This identifies the risk adjustment payment year and month for the model run.
5	Filler	180	021	200	• Alphanumeric • Spaces

RAS MOR CMS HCC Detail Record Type B, E and G

#	Field Name	Length	Start Position	End Position	Format / Comments
1	Record Type Code	001	001	001	Alphanumeric "B" = V21 PTC MOR (PACE and PACE-ESRD) (RAPS, FFS, and Encounter data) "E" = V21 PTC MOR (ESRD) (RAPS and FFS) "G" = V21 PTC MOR (ESRD) (Encounter and FFS)

#	Field Name	Length	Start Position	End Position	Format / Comments
2	Health Insurance Claim Number (HICN)	012	002	013	Alphanumeric This is the Health Insurance Claim Number (known as HICN) identifying the primary Medicare Beneficiary under the SSA or RRB programs. The HICN, consisting of Beneficiary Claim Number along with the Beneficiary Identification Code, uniquely identifies a Medicare Beneficiary. For the RRB program, the claim account number is a 12-byte account number.
3	Beneficiary Last Name	012	014	025	Alphanumeric First 12 bytes of the Bene Last Name Beneficiary Last Name
4	Beneficiary First Name	007	026	032	Alphanumeric First 7 bytes of the beneficiary's First Name Beneficiary First Name
5	Beneficiary Initial	001	033	033	Alphanumeric 1-byte Initial Beneficiary Initial
6	Date of Birth	008	034	041	Alphanumeric Formatted as yyyymmdd The date of birth of the Medicare Beneficiary
7	Sex	001	042	042	Alphanumeric 0=unknown, 1=male, 2=female Represents the sex of the Medicare Beneficiary. Examples include Male and Female.
8	Social Security Number	009	043	051	Alphanumeric The beneficiary's current identification number that is assigned by the Social Security Administration

#	Field Name	Length	Start Position	End Position	Format / Comments
9	ESRD Indicator	001	052	052	Alphanumeric 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 Female 0_34	001	053	053	Alphanumeric 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 Female 35_44	001	054	054	Alphanumeric 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 Female 45_54	001	055	055	Alphanumeric 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 Female 55_59	001	056	056	Alphanumeric 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 Female 60_64	001	057	057	Alphanumeric 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 Female 65_69	001	058	058	Alphanumeric 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

#	Field Name	Length	Start Position	End Position	Format / Comments
16	Age Group Female 70_74	001	059	059	Alphanumeric 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 Female 75_79	001	060	060	Alphanumeric 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 Female 80_84	001	061	061	Alphanumeric 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
19	Age Group Female 85_89	001	062	062	Alphanumeric 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 Female 90_94	001	063	063	Alphanumeric 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 Female 95_GT	001	064	064	Alphanumeric 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 Male 0_34	001	065	065	Alphanumeric 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

#	Field Name	Length	Start Position	End Position	Format / Comments
23	Age Group Male 35_44	001	066	066	Alphanumeric 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 Male 45_54	001	067	067	Alphanumeric 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 Male 55_59	001	068	068	Alphanumeric 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 Male 60_64	001	069	069	Alphanumeric 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 Male 65_69	001	070	070	Alphanumeric 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 Male 70_74	001	071	071	Alphanumeric 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 Male 75_79	001	072	072	Alphanumeric 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 Name	Length	Start Position	End Position	Format / Comments
30	Age Group Male 80_84	001	073	073	Alphanumeric 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 Male 85_89	001	074	074	Alphanumeric 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 Male 90_94	001	075	075	Alphanumeric 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 Male 95_GT	001	076	076	Alphanumeric 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	001	077	077	Alphanumeric Set to "1" if applicable, otherwise "0" Beneficiary is a female disabled and also entitled to Medicaid.
35	Medicaid Female Aged	001	078	078	Alphanumeric Set to "1" if applicable, otherwise "0" Beneficiary is a female aged (> 64) and also entitled to Medicaid.
36	Medicaid Male Disabled	001	079	079	Alphanumeric Set to "1" if applicable, otherwise "0" Beneficiary is male disabled and also entitled to Medicaid.
37	Medicaid Male Aged	001	080	080	Alphanumeric Set to "1" if applicable, otherwise "0" Beneficiary is a male aged (> 64) and also entitled to Medicaid.

#	Field Name	Length	Start Position	End Position	Format / Comments
38	Originally Disabled Female	001	081	081	Alphanumeric Set to "1" if applicable, otherwise "0" Beneficiary is a female and original Medicare entitlement was due to disability.
39	Originally Disabled Male	001	082	082	Alphanumeric Set to "1" if applicable, otherwise "0" Beneficiary is a male and original Medicare entitlement was due to disability.
40	Disease Coefficients HCC001	001	083	083	Alphanumeric Set to "1" if applicable, otherwise "0" HIV/AIDS
41	Disease Coefficients HCC002	001	084	084	Alphanumeric Set to "1" if applicable, otherwise "0" Septicemia, Sepsis, Systemic Inflammatory Response Syndrome/Shock
42	Disease Coefficients HCC006	001	085	085	Alphanumeric Set to "1" if applicable, otherwise "0" Opportunistic Infections
43	Disease Coefficients HCC008	001	086	086	Alphanumeric Set to "1" if applicable, otherwise "0" Metastatic Cancer and Acute Leukemia
44	Disease Coefficients HCC009	001	087	087	Alphanumeric Set to "1" if applicable, otherwise "0" Lung and Other Severe Cancers
45	Disease Coefficients HCC010	001	088	088	Alphanumeric Set to "1" if applicable, otherwise "0" Lymphoma and Other Cancers
46	Disease Coefficients HCC011	001	089	089	Alphanumeric Set to "1" if applicable, otherwise "0" Colorectal, Bladder, and Other Cancers
47	Disease Coefficients HCC012	001	090	090	Alphanumeric Set to "1" if applicable, otherwise "0" Breast, Prostate, and Other Cancers and Tumors

#	Field Name	Length	Start Position	End Position	Format / Comments
48	Disease Coefficients HCC017	001	091	091	Alphanumeric Set to "1" if applicable, otherwise "0" Diabetes with Acute Complications
49	Disease Coefficients HCC018	001	092	092	Alphanumeric Set to "1" if applicable, otherwise "0" Diabetes with Chronic Complications
50	Disease Coefficients HCC019	001	093	093	Alphanumeric Set to "1" if applicable, otherwise "0" Diabetes without Complication
51	Disease Coefficients HCC021	001	094	094	Alphanumeric Set to "1" if applicable, otherwise "0" Protein-Calorie Malnutrition
52	Disease Coefficients HCC022	001	095	095	Alphanumeric Set to "1" if applicable, otherwise "0" Morbid Obesity
53	Disease Coefficients HCC023	001	096	096	Alphanumeric Set to "1" if applicable, otherwise "0" Other Significant Endocrine and Metabolic Disorders
54	Disease Coefficients HCC027	001	097	097	Alphanumeric Set to "1" if applicable, otherwise "0" End-Stage Liver Disease
55	Disease Coefficients HCC028	001	098	098	Alphanumeric Set to "1" if applicable, otherwise "0" Cirrhosis of Liver
56	Disease Coefficients HCC029	001	099	099	Alphanumeric Set to "1" if applicable, otherwise "0" Chronic Hepatitis
57	Disease Coefficients HCC033	001	100	100	Alphanumeric Set to "1" if applicable, otherwise "0" Intestinal Obstruction/Perforation

#	Field Name	Length	Start Position	End Position	Format / Comments
58	Disease Coefficients HCC034	001	101	101	Alphanumeric Set to "1" if applicable, otherwise "0" Chronic Pancreatitis
59	Disease Coefficients HCC035	001	102	102	Alphanumeric Set to "1" if applicable, otherwise "0" Inflammatory Bowel Disease
60	Disease Coefficients HCC039	001	103	103	Alphanumeric Set to "1" if applicable, otherwise "0" Bone/Joint/Muscle Infections/Necrosis
61	Disease Coefficients HCC040	001	104	104	Alphanumeric Set to "1" if applicable, otherwise "0" Rheumatoid Arthritis and Inflammatory Connective Tissue Disease
62	Disease Coefficients HCC046	001	105	105	Alphanumeric Set to "1" if applicable, otherwise "0" Severe Hematological Disorders
63	Disease Coefficients HCC047	001	106	106	Alphanumeric Set to "1" if applicable, otherwise "0" Disorders of Immunity
64	Disease Coefficients HCC048	001	107	107	Alphanumeric Set to "1" if applicable, otherwise "0" Coagulation Defects and Other Specified Hematological Disorders
65	Disease Coefficients HCC051	001	108	108	Alphanumeric Set to "1" if applicable, otherwise "0" Dementia with Complications
66	Disease Coefficients HCC052	001	109	109	Alphanumeric Set to "1" if applicable, otherwise "0" Dementia without Complication
67	Disease Coefficients HCC054	001	110	110	Alphanumeric Set to "1" if applicable, otherwise "0" Drug/Alcohol Psychosis

#	Field Name	Length	Start Position	End Position	Format / Comments
68	Disease Coefficients HCC055	001	111	111	Alphanumeric Set to "1" if applicable, otherwise "0" Drug/Alcohol Dependence
69	Disease Coefficients HCC057	001	112	112	Alphanumeric Set to "1" if applicable, otherwise "0" Schizophrenia
70	Disease Coefficients HCC058	001	113	113	Alphanumeric Set to "1" if applicable, otherwise "0" Major Depressive, Bipolar, and Paranoid Disorders
71	Disease Coefficients HCC070	001	114	114	Alphanumeric Set to "1" if applicable, otherwise "0" Quadriplegia
72	Disease Coefficients HCC071	001	115	115	Alphanumeric Set to "1" if applicable, otherwise "0" Paraplegia
73	Disease Coefficients HCC072	001	116	116	Alphanumeric Set to "1" if applicable, otherwise "0" Spinal Cord Disorders/Injuries
74	Disease Coefficients HCC073	001	117	117	Alphanumeric Set to "1" if applicable, otherwise "0" Amyotrophic Lateral Sclerosis and Other Motor Neuron Disease
75	Disease Coefficients HCC074	001	118	118	Alphanumeric Set to "1" if applicable, otherwise "0" Cerebral Palsy
76	Disease Coefficients HCC075	001	119	119	Alphanumeric Set to "1" if applicable, otherwise "0" Polyneuropathy
77	Disease Coefficients HCC076	001	120	120	Alphanumeric Set to "1" if applicable, otherwise "0" Muscular Dystrophy

#	Field Name	Length	Start Position	End Position	Format / Comments
78	Disease Coefficients HCC077	001	121	121	Alphanumeric Set to "1" if applicable, otherwise "0" Multiple Sclerosis
79	Disease Coefficients HCC078	001	122	122	Alphanumeric Set to "1" if applicable, otherwise "0" Parkinson's and Huntington's Diseases
80	Disease Coefficients HCC079	001	123	123	Alphanumeric Set to "1" if applicable, otherwise "0" Seizure Disorders and Convulsions
81	Disease Coefficients HCC080	001	124	124	Alphanumeric Set to "1" if applicable, otherwise "0" Coma, Brain Compression/Anoxic Damage
82	Disease Coefficients HCC082	001	125	125	Alphanumeric Set to "1" if applicable, otherwise "0" Respirator Dependence/Tracheostomy Status
83	Disease Coefficients HCC083	001	126	126	Alphanumeric Set to "1" if applicable, otherwise "0" Respiratory Arrest
84	Disease Coefficients HCC084	001	127	127	Alphanumeric Set to "1" if applicable, otherwise "0" Cardio-Respiratory Failure and Shock
85	Disease Coefficients HCC085	001	128	128	Alphanumeric Set to "1" if applicable, otherwise "0" Congestive Heart Failure
86	Disease Coefficients HCC086	001	129	129	Alphanumeric Set to "1" if applicable, otherwise "0" Acute Myocardial Infarction
87	Disease Coefficients HCC087	001	130	130	Alphanumeric Set to "1" if applicable, otherwise "0" Unstable Angina and Other Acute Ischemic Heart Disease

#	Field Name	Length	Start Position	End Position	Format / Comments
88	Disease Coefficients HCC088	001	131	131	Alphanumeric Set to "1" if applicable, otherwise "0" Angina Pectoris
89	Disease Coefficients HCC096	001	132	132	Alphanumeric Set to "1" if applicable, otherwise "0" Specified Heart Arrhythmias
90	Disease Coefficients HCC099	001	133	133	Alphanumeric Set to "1" if applicable, otherwise "0" Cerebral Hemorrhage
91	Disease Coefficients HCC100	001	134	134	Alphanumeric Set to "1" if applicable, otherwise "0" Ischemic or Unspecified Stroke
92	Disease Coefficients HCC103	001	135	135	Alphanumeric Set to "1" if applicable, otherwise "0" Hemiplegia/Hemiparesis
93	Disease Coefficients HCC104	001	136	136	Alphanumeric Set to "1" if applicable, otherwise "0" Monoplegia, Other Paralytic Syndromes
94	Disease Coefficients HCC106	001	137	137	Alphanumeric Set to "1" if applicable, otherwise "0" Atherosclerosis of the Extremities with Ulceration or Gangrene
95	Disease Coefficients HCC107	001	138	138	Alphanumeric Set to "1" if applicable, otherwise "0" Vascular Disease with Complications
96	Disease Coefficients HCC108	001	139	139	Alphanumeric Set to "1" if applicable, otherwise "0" Vascular Disease
97	Disease Coefficients HCC110	001	140	140	Alphanumeric Set to "1" if applicable, otherwise "0" Cystic Fibrosis

#	Field Name	Length	Start Position	End Position	Format / Comments
98	Disease Coefficients HCC111	001	141	141	Alphanumeric Set to "1" if applicable, otherwise "0" Chronic Obstructive Pulmonary Disease
99	Disease Coefficients HCC112	001	142	142	Alphanumeric Set to "1" if applicable, otherwise "0" Fibrosis of Lung and Other Chronic Lung Disorders
100	Disease Coefficients HCC114	001	143	143	Alphanumeric Set to "1" if applicable, otherwise "0" Aspiration and Specified Bacterial Pneumonias
101	Disease Coefficients HCC115	001	144	144	Alphanumeric Set to "1" if applicable, otherwise "0" Pneumococcal Pneumonia, Emphysema, Lung Abscess
102	Disease Coefficients HCC122	001	145	145	Alphanumeric Set to "1" if applicable, otherwise "0" Proliferative Diabetic Retinopathy and Vitreous Hemorrhage
103	Disease Coefficients HCC124	001	146	146	Alphanumeric Set to "1" if applicable, otherwise "0" Exudative Macular Degeneration
104	Disease Coefficients HCC134	001	147	147	Alphanumeric Set to "1" if applicable, otherwise "0" Dialysis Status
105	Disease Coefficients HCC135	001	148	148	Alphanumeric Set to "1" if applicable, otherwise "0" Acute Renal Failure
106	Disease Coefficients HCC136	001	149	149	Alphanumeric Set to "1" if applicable, otherwise "0" Chronic Kidney Disease, Stage 5
107	Disease Coefficients HCC137	001	150	150	Alphanumeric Set to "1" if applicable, otherwise "0" Chronic Kidney Disease, Severe (Stage 4)

#	Field Name	Length	Start Position	End Position	Format / Comments
108	Disease Coefficients HCC138	001	151	151	Alphanumeric Set to "1" if applicable, otherwise "0" Chronic Kidney Disease, Moderate (Stage 3)
109	Disease Coefficients HCC139	001	152	152	Alphanumeric Set to "1" if applicable, otherwise "0" Chronic Kidney Disease, Mild or Unspecified (Stages 1-2 or Unspecified)
110	Disease Coefficients HCC140	001	153	153	Alphanumeric Set to "1" if applicable, otherwise "0" Unspecified Renal Failure
111	Disease Coefficients HCC141	001	154	154	Alphanumeric Set to "1" if applicable, otherwise "0" Nephritis
112	Disease Coefficients HCC157	001	155	155	Alphanumeric Set to "1" if applicable, otherwise "0" Pressure Ulcer of Skin with Necrosis Through to Muscle, Tendon, or Bone
113	Disease Coefficients HCC158	001	156	156	Alphanumeric Set to "1" if applicable, otherwise "0" Pressure Ulcer of Skin with Full Thickness Skin Loss
114	Disease Coefficients HCC159	001	157	157	Alphanumeric Set to "1" if applicable, otherwise "0" Pressure Ulcer of Skin with Partial Thickness Skin Loss
115	Disease Coefficients HCC160	001	158	158	Alphanumeric Set to "1" if applicable, otherwise "0" Pressure Pre-Ulcer Skin Changes or Unspecified Stage
116	Disease Coefficients HCC161	001	159	159	Alphanumeric Set to "1" if applicable, otherwise "0" Chronic Ulcer of Skin, Except Pressure

#	Field Name	Length	Start Position	End Position	Format / Comments
117	Disease Coefficients HCC162	001	160	160	Alphanumeric Set to "1" if applicable, otherwise "0" Severe Skin Burn or Condition
118	Disease Coefficients HCC166	001	161	161	Alphanumeric Set to "1" if applicable, otherwise "0" Severe Head Injury
119	Disease Coefficients HCC167	001	162	162	Alphanumeric Set to "1" if applicable, otherwise "0" Major Head Injury
120	Disease Coefficients HCC169	001	163	163	Alphanumeric Set to "1" if applicable, otherwise "0" Vertebral Fractures without Spinal Cord Injury
121	Disease Coefficients HCC170	001	164	164	Alphanumeric Set to "1" if applicable, otherwise "0" Hip Fracture/Dislocation
122	Disease Coefficients HCC173	001	165	165	Alphanumeric Set to "1" if applicable, otherwise "0" Traumatic Amputations and Complications
123	Disease Coefficients HCC176	001	166	166	Alphanumeric Set to "1" if applicable, otherwise "0" Complications of Specified Implanted Device or Graft
124	Disease Coefficients HCC186	001	167	167	Alphanumeric Set to "1" if applicable, otherwise "0" Major Organ Transplant or Replacement Status
125	Disease Coefficients HCC188	001	168	168	Alphanumeric Set to "1" if applicable, otherwise "0" Artificial Openings for Feeding or Elimination

#	Field Name	Length	Start Position	End Position	Format / Comments
126	Disease Coefficients HCC189	001	169	169	Alphanumeric Set to "1" if applicable, otherwise "0" Amputation Status, Lower Limb/Amputation Complications
127	Disabled Disease HCC006	001	170	170	Alphanumeric Set to "1" if applicable, otherwise "0" Disabled (Age<65) and CMS V21 HCC 006 Opportunistic Infections
128	Disabled Disease HCC034	001	171	171	Alphanumeric Set to "1" if applicable, otherwise "0" Disabled (Age<65) and CMS V21 HCC 034 Chronic Pancreatitis
129	Disabled Disease HCC046	001	172	172	Alphanumeric Set to "1" if applicable, otherwise "0" Disabled (Age<65) and CMS V21 HCC 046 Severe Hematological Disorders
130	Disabled Disease HCC054	001	173	173	Alphanumeric Set to "1" if applicable, otherwise "0" Disabled (Age<65) and CMS V21 HCC 054 Drug/Alcohol Psychosis
131	Disabled Disease HCC055	001	174	174	Alphanumeric Set to "1" if applicable, otherwise "0" Disabled (Age<65) and CMS V21 HCC 055 Drug/Alcohol Dependence
132	Disabled Disease HCC110	001	175	175	Alphanumeric Set to "1" if applicable, otherwise "0" Disabled (Age<65) and CMS V21 HCC 110 Cystic Fibrosis
133	Disabled Disease HCC176	001	176	176	Alphanumeric Set to "1" if applicable, otherwise "0" Disabled (Age<65) and CMS V21 HCC 176 Complications of Specified Implanted Device or Graft

#	Field Name	Length	Start Position	End Position	Format / Comments
134	Disease Interactions – CANCER_IMMUNE	001	177	177	Alphanumeric Set to "1" if applicable, otherwise "0" CANCER_IMMUNE
135	Disease Interactions – CHF_COPD	001	178	178	Alphanumeric Set to "1" if applicable, otherwise "0" CHF_COPD
136	Disease Interactions – CHF_RENAL	001	179	179	Alphanumeric Set to "1" if applicable, otherwise "0" CHF_RENAL
137	Disease Interactions - COPD_CARD_RESP_FAIL	001	180	180	Alphanumeric Set to "1" if applicable, otherwise "0" COPD_CARD_RESP_FAIL
138	Disease Interactions – DIABETES_CHF	001	181	181	Alphanumeric Set to "1" if applicable, otherwise "0" DIABETES_CHF
139	Disease Interactions - SEPSIS_ CARD_RESP_ FAIL	001	182	182	Alphanumeric Set to "1" if applicable, otherwise "0" SEPSIS_CARD_RESP_FAIL
140	Medicaid	001	183	183	Alphanumeric Set to "1" if applicable, otherwise "0" Beneficiary is entitled to Medicaid
141	Originally Disabled	001	184	184	Alphanumeric Set to "1" if applicable, otherwise "0" Beneficiary original Medicare entitlement was due to disability
142	Disabled Disease HCC039	001	185	185	Alphanumeric Set to "1" if applicable, otherwise "0" Disabled (Age<65) and CMS V21 HCC 039 Bone/Joint/Muscle Infections/Necrosis
143	Disabled Disease HCC077	001	186	186	Alphanumeric Set to "1" if applicable, otherwise "0" Disabled (Age<65) and CMS V21 HCC 077 Multiple Sclerosis

#	Field Name	Length	Start Position	End Position	Format / Comments
144	Disabled Disease HCC085	001	187	187	Alphanumeric Set to "1" if applicable, otherwise "0" Disabled (Age<65) and CMS V21 HCC 085 Congestive Heart Failure
145	Disabled Disease HCC161	001	188	188	Alphanumeric Set to "1" if applicable, otherwise "0" Disabled (Age<65) and CMS V21 HCC 161 Chronic Ulcer of Skin, Except Pressure
146	Disease Interactions - ART_OPENINGS_PRESSURE_ ULCER	001	189	189	Alphanumeric Set to "1" if applicable, otherwise "0" ART_OPENINGS_PRESSURE_ ULCER
147	Disease Interactions - ASP_SPEC_BACT_PNEUM_PRES_ULC	001	190	190	Alphanumeric Set to "1" if applicable, otherwise "0" ASP_SPEC_BACT_PNEUM_PRES_ULC
148	Disease Interactions - COPD_ASP_SPEC_BACT PNEUM	001	191	191	Alphanumeric Set to "1" if applicable, otherwise "0" COPD_ASP_SPEC_BACT PNEUM
149	Disease Interactions – DISABLED_PRESSURE_ULCER	001	192	192	Alphanumeric Set to "1" if applicable, otherwise "0" DISABLED_PRESSURE_ULCER
150	Disease Interactions – SCHIZOPHRENIA_CHF	001	193	193	Alphanumeric Set to "1" if applicable, otherwise "0" SCHIZOPHRENIA_CHF
151	Disease Interactions – SCHIZOPHRENIA_COPD	001	194	194	Alphanumeric Set to "1" if applicable, otherwise "0" SCHIZOPHRENIA_COPD
152	Disease Interactions – SCHIZOPHRENIA_SEIZURES	001	195	195	Alphanumeric Set to "1" if applicable, otherwise "0" SCHIZOPHRENIA_SEIZURES
153	Disease Interactions – SEPSIS_ARTIF_OPENINGS	001	196	196	Alphanumeric Set to "1" if applicable, otherwise "0" SEPSIS_ARTIF_OPENINGS

#	Field Name	Length	Start Position	End Position	Format / Comments
154	Disease Interactions – SEPSIS_ASP_SPEC_BACT_ PNEUM	001	197	197	Alphanumeric Set to "1" if applicable, otherwise "0" SEPSIS_ASP_SPEC_BACT_ PNEUM
155	Disease Interactions – SEPSIS_PRESSURE_ULCER	001	198	198	Alphanumeric Set to "1" if applicable, otherwise "0" SEPSIS_PRESSURE_ULCER
156	Filler	002	199	200	Alphanumeric Spaces Filler

Total Length = 200.
NOTE: Fields 140-155 are associated with the CMS HCC V21 Institutional Score only.

RAS MOR CMS HCC Trailer Record

#	Field Name	Length	Start Position	End Position	Format / Comments
1	Record Type Code	001	001	001	• Alphanumeric • Set to "3" for Trailer
2	Contract Number	005	002	006	• Alphanumeric • 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	009	007	015	• Alphanumeric • Includes all header and trailer records
4	Filler	185	016	200	• Alphanumeric • Spaces

MOR LAYOUT FOR RECORD TYPES C and F

RAS MOR CMS HCC Header Record (Payment Year 2016)

#	Field Name	Length	Start Position	End Position	Format / Comments
1	Record Type Code	001	001	001	• Alphanumeric • Set to "1" for Header
2	Contract Number	005	002	006	• Alphanumeric • Unique identification for a Medicare Advantage Contract
3	Run Date	008	007	014	• Alphanumeric • Format as yyyymmdd • The run date when this file is created
4	Payment Year and Month	006	015	020	• Alphanumeric • Format as yyyymm • This identifies the risk adjustment payment year and month for the model run.
5	Filler	180	021	200	• Alphanumeric • Spaces

RAS MOR CMS HCC Detail Record Type C and F (Payment Year 2016)

#	Field Name	Length	Start Position	End Position	Format / Comments
1	Record Type Code	001	001	001	• Alphanumeric • "C" = V22 PTC MOR (RAPS and FFS) - non-PACE and non-ESRD • "F" = V22 PTC MOR (Encounter Data and FFS) - non-PACE and non-ESRD
2	Health Insurance Claim Number (HICN)	012	002	013	• Alphanumeric • This is the Health Insurance Claim Number (known as HICN) identifying the primary Medicare Beneficiary under the SSA or RRB programs. • The HICN consist of Beneficiary Claim Number along with the

#	Field Name	Length	Start Position	End Position	Format / Comments
					Beneficiary Identification Code uniquely identifies a Medicare Beneficiary. • For the RRB program, the claim account number is a 12-byte account number.
3	Beneficiary Last Name	012	014	025	• Alphanumeric • First 12 bytes of the Bene Last Name • Beneficiary Last Name
4	Beneficiary First Name	007	026	032	• Alphanumeric • First 7 bytes of the bene First Name • Beneficiary First Name
5	Beneficiary Initial	001	033	033	• Alphanumeric • 1-byte Initial • Beneficiary Initial
6	Date of Birth	008	034	041	• Alphanumeric • Formatted as yyyymmdd • The date of birth of the Medicare Beneficiary
7	Sex	001	042	042	• Alphanumeric • 0=unknown, 1=male, 2=female • Represents the sex of the Medicare Beneficiary. Examples include Male and Female.
8	Social Security Number	009	043	051	• Alphanumeric • The beneficiary's current identification number that is assigned by the Social Security Administration.
9	Age Group Female 0_34	001	052	052	• Alphanumeric • 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 Female 35_44	001	053	053	• Alphanumeric • Set to "1" if applicable, otherwise "0" • The sex and age group for the beneficiary based on a given as of date.

#	Field Name	Length	Start Position	End Position	Format / Comments
					Female between ages 35 and 44, inclusive.
11	Age Group Female 45_54	001	054	054	• Alphanumeric • 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 Female 55_59	001	055	055	• Alphanumeric • 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 Female 60_64	001	056	056	• Alphanumeric • 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 Female 65_69	001	057	057	• Alphanumeric • 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 Female 70_74	001	058	058	• Alphanumeric • 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 Female 75_79	001	059	059	• Alphanumeric • 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 Female 80_84	001	060	060	• Alphanumeric • Set to "1" if applicable, otherwise "0"

#	Field Name	Length	Start Position	End Position	Format / Comments
					• 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 Female 85_89	001	061	061	• Alphanumeric • 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 Female 90_94	001	062	062	• Alphanumeric • 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 Female 95_GT	001	063	063	• Alphanumeric • 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 Male 0_34	001	064	064	• Alphanumeric • 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 Male 35_44	001	065	065	• Alphanumeric • 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 Male 45_54	001	066	066	• Alphanumeric • 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 Male 55_59	001	067	067	• Alphanumeric • Set to "1" if applicable, otherwise "0"

#	Field Name	Length	Start Position	End Position	Format / Comments
					• 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 Male 60_64	001	068	068	• Alphanumeric • 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 Male 65_69	001	069	069	• Alphanumeric • 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 Male 70_74	001	070	070	• Alphanumeric • 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 Male 75_79	001	071	071	• Alphanumeric • 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 Male 80_84	001	072	072	• Alphanumeric • 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 Male 85_89	001	073	073	• Alphanumeric • 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.

#	Field Name	Length	Start Position	End Position	Format / Comments
31	Age Group Male 90_94	001	074	074	• Alphanumeric • 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 Male 95_GT	001	075	075	• Alphanumeric • 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	001	076	076	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Beneficiary is a female disabled and also entitled to Medicaid.
34	Medicaid Female Aged	001	077	077	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Beneficiary is a female aged (> 64) and also entitled to Medicaid.
35	Medicaid Male Disabled	001	078	078	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Beneficiary is male disabled and also entitled to Medicaid.
36	Medicaid Male Aged	001	079	079	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Beneficiary is a male aged (> 64) and also entitled to Medicaid.
37	Originally Disabled Female	001	080	080	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Beneficiary is a female and original Medicare entitlement was due to disability.
38	Originally Disabled Male	001	081	081	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Beneficiary is a male and original Medicare entitlement was due to disability.

#	Field Name	Length	Start Position	End Position	Format / Comments
39	Disease Coefficients HCC001	001	082	082	• Alphanumeric • Set to "1" if applicable, otherwise "0" • HIV/AIDS
40	Disease Coefficients HCC002	001	083	083	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Septicemia, Sepsis, Systemic Inflammatory Response Syndrome/Shock
41	Disease Coefficients HCC006	001	084	084	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Opportunistic Infections
42	Disease Coefficients HCC008	001	085	085	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Metastatic Cancer and Acute Leukemia
43	Disease Coefficients HCC009	001	086	086	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Lung and Other Severe Cancers
44	Disease Coefficients HCC010	001	087	087	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Lymphoma and Other Cancers
45	Disease Coefficients HCC011	001	088	088	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Colorectal, Bladder, and Other Cancers
46	Disease Coefficients HCC012	001	089	089	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Breast, Prostate, and Other Cancers and Tumors
47	Disease Coefficients HCC017	001	090	090	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Diabetes with Acute Complications
48	Disease Coefficients HCC018	001	091	091	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Diabetes with Chronic Complications

#	Field Name	Length	Start Position	End Position	Format / Comments
49	Disease Coefficients HCC019	001	092	092	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Diabetes without Complication
50	Disease Coefficients HCC021	001	093	093	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Protein-Calorie Malnutrition
51	Disease Coefficients HCC022	001	094	094	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Morbid Obesity
52	Disease Coefficients HCC023	001	095	095	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Other Significant Endocrine and Metabolic Disorders
53	Disease Coefficients HCC027	001	096	096	• Alphanumeric • Set to "1" if applicable, otherwise "0" • End-Stage Liver Disease
54	Disease Coefficients HCC028	001	097	097	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Cirrhosis of Liver
55	Disease Coefficients HCC029	001	098	098	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Chronic Hepatitis
56	Disease Coefficients HCC033	001	099	099	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Intestinal Obstruction/Perforation
57	Disease Coefficients HCC034	001	100	100	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Chronic Pancreatitis
58	Disease Coefficients HCC035	001	101	101	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Inflammatory Bowel Disease
59	Disease Coefficients HCC039	001	102	102	• Alphanumeric • Set to "1" if applicable, otherwise "0"

#	Field Name	Length	Start Position	End Position	Format / Comments
					• Bone/Joint/Muscle Infections/Necrosis
60	Disease Coefficients HCC040	001	103	103	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Rheumatoid Arthritis and Inflammatory Connective Tissue Disease
61	Disease Coefficients HCC046	001	104	104	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Severe Hematological Disorders
62	Disease Coefficients HCC047	001	105	105	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Disorders of Immunity
63	Disease Coefficients HCC048	001	106	106	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Coagulation Defects and Other Specified Hematological Disorders
64	Disease Coefficients HCC054	001	107	107	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Drug/Alcohol Psychosis
65	Disease Coefficients HCC055	001	108	108	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Drug/Alcohol Dependence
66	Disease Coefficients HCC057	001	109	109	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Schizophrenia
67	Disease Coefficients HCC058	001	110	110	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Major Depressive, Bipolar, and Paranoid Disorders
68	Disease Coefficients HCC070	001	111	111	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Quadriplegia
69	Disease Coefficients HCC071	001	112	112	• Alphanumeric • Set to "1" if applicable, otherwise "0"

#	Field Name	Length	Start Position	End Position	Format / Comments
					• Paraplegia
70	Disease Coefficients HCC072	001	113	113	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Spinal Cord Disorders/Injuries
71	Disease Coefficients HCC073	001	114	114	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Amyotrophic Lateral Sclerosis and Other Motor Neuron Disease
72	Disease Coefficients HCC074	001	115	115	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Cerebral Palsy
73	Disease Coefficients HCC075	001	116	116	• Alphanumeric • Set to "1" if applicable, otherwise "0" Myasthenia Gravis/Myoneural Disorders and Guillain-Barre Syndrome/Inflammatory and Toxic Neuropathy
74	Disease Coefficients HCC076	001	117	117	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Muscular Dystrophy
75	Disease Coefficients HCC077	001	118	118	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Multiple Sclerosis
76	Disease Coefficients HCC078	001	119	119	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Parkinson's and Huntington's Diseases
77	Disease Coefficients HCC079	001	120	120	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Seizure Disorders and Convulsions
78	Disease Coefficients HCC080	001	121	121	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Coma, Brain Compression/Anoxic Damage

#	Field Name	Length	Start Position	End Position	Format / Comments
79	Disease Coefficients HCC082	001	122	122	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Respirator Dependence/Tracheostomy Status
80	Disease Coefficients HCC083	001	123	123	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Respiratory Arrest
81	Disease Coefficients HCC084	001	124	124	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Cardio-Respiratory Failure and Shock
82	Disease Coefficients HCC085	001	125	125	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Congestive Heart Failure
83	Disease Coefficients HCC086	001	126	126	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Acute Myocardial Infarction
84	Disease Coefficients HCC087	001	127	127	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Unstable Angina and Other Acute Ischemic Heart Disease
85	Disease Coefficients HCC088	001	128	128	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Angina Pectoris
86	Disease Coefficients HCC096	001	129	129	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Specified Heart Arrhythmias
87	Disease Coefficients HCC099	001	130	130	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Cerebral Hemorrhage
88	Disease Coefficients HCC100	001	131	131	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Ischemic or Unspecified Stroke
89	Disease Coefficients HCC103	001	132	132	• Alphanumeric • Set to "1" if applicable, otherwise "0"

#	Field Name	Length	Start Position	End Position	Format / Comments
					• Hemiplegia/Hemiparesis
90	Disease Coefficients HCC104	001	133	133	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Monoplegia, Other Paralytic Syndromes
91	Disease Coefficients HCC106	001	134	134	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Atherosclerosis of the Extremities with Ulceration or Gangrene
92	Disease Coefficients HCC107	001	135	135	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Vascular Disease with Complications
93	Disease Coefficients HCC108	001	136	136	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Vascular Disease
94	Disease Coefficients HCC110	001	137	137	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Cystic Fibrosis
95	Disease Coefficients HCC111	001	138	138	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Chronic Obstructive Pulmonary Disease
96	Disease Coefficients HCC112	001	139	139	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Fibrosis of Lung and Other Chronic Lung Disorders
97	Disease Coefficients HCC114	001	140	140	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Aspiration and Specified Bacterial Pneumonias
98	Disease Coefficients HCC115	001	141	141	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Pneumococcal Pneumonia, Emphysema, Lung Abscess

#	Field Name	Length	Start Position	End Position	Format / Comments
99	Disease Coefficients HCC122	001	142	142	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Proliferative Diabetic Retinopathy and Vitreous Hemorrhage
100	Disease Coefficients HCC124	001	143	143	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Exudative Macular Degeneration
101	Disease Coefficients HCC134	001	144	144	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Dialysis Status
102	Disease Coefficients HCC135	001	145	145	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Acute Renal Failure
103	Disease Coefficients HCC136	001	146	146	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Chronic Kidney Disease, Stage 5
104	Disease Coefficients HCC137	001	147	147	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Chronic Kidney Disease, Severe (Stage 4)
105	Disease Coefficients HCC157	001	148	148	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Pressure Ulcer of Skin with Necrosis Through to Muscle, Tendon, or Bone
106	Disease Coefficients HCC158	001	149	149	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Pressure Ulcer of Skin with Full Thickness Skin Loss
107	Disease Coefficients HCC161	001	150	150	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Chronic Ulcer of Skin, Except Pressure
108	Disease Coefficients HCC162	001	151	151	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Severe Skin Burn or Condition

#	Field Name	Length	Start Position	End Position	Format / Comments
109	Disease Coefficients HCC166	001	152	152	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Severe Head Injury
110	Disease Coefficients HCC167	001	153	153	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Major Head Injury
111	Disease Coefficients HCC169	001	154	154	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Vertebral Fractures without Spinal Cord Injury
112	Disease Coefficients HCC170	001	155	155	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Hip Fracture/Dislocation
113	Disease Coefficients HCC173	001	156	156	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Traumatic Amputations and Complications
114	Disease Coefficients HCC176	001	157	157	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Complications of Specified Implanted Device or Graft
115	Disease Coefficients HCC186	001	158	158	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Major Organ Transplant or Replacement Status
116	Disease Coefficients HCC188	001	159	159	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Artificial Openings for Feeding or Elimination
117	Disease Coefficients HCC189	001	160	160	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Amputation Status, Lower Limb/Amputation Complications
118	Disabled Disease HCC006	001	161	161	• Alphanumeric • Set to "1" if applicable, otherwise "0"

#	Field Name	Length	Start Position	End Position	Format / Comments
					• Disabled (Age<65) and CMS HCC 006 Opportunistic Infections
119	Disabled Disease HCC034	001	162	162	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Disabled (Age<65) and CMS HCC 034 Chronic Pancreatitis
120	Disabled Disease HCC046	001	163	163	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Disabled (Age<65) and CMS HCC 046 Severe Hematological Disorders
121	Disabled Disease HCC054	001	164	164	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Disabled (Age<65) and CMS HCC 054 Drug/Alcohol Psychosis
122	Disabled Disease HCC055	001	165	165	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Disabled (Age<65) and CMS HCC 055 Drug/Alcohol Dependence
123	Disabled Disease HCC110	001	166	166	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Disabled (Age<65) and CMS HCC 110 Cystic Fibrosis
124	Disabled Disease HCC176	001	167	167	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Disabled (Age<65) and CMS HCC 176 Complications of Specified Implanted Device or Graft
125	Disease Interactions – CANCER_IMMUNE	001	168	168	• Alphanumeric • Set to "1" if applicable, otherwise "0" • CANCER_IMMUNE
126	Disease Interactions – CHF_COPD	001	169	169	• Alphanumeric • Set to "1" if applicable, otherwise "0" • CHF_COPD
127	Disease Interactions – CHF_RENAL	001	170	170	• Alphanumeric • Set to "1" if applicable, otherwise "0" • CHF_RENAL

#	Field Name	Length	Start Position	End Position	Format / Comments
128	Disease Interactions – COPD_CARD_RESP_ FAIL	001	171	171	• Alphanumeric • Set to "1" if applicable, otherwise "0" • COPD_CARD_RESP_ FAIL
129	Disease Interactions – DIABETES_CHF	001	172	172	• Alphanumeric • Set to "1" if applicable, otherwise "0" • DIABETES_CHF
130	Disease Interactions – SEPSIS_CARD_ RESP_FAIL	001	173	173	• Alphanumeric • Set to "1" if applicable, otherwise "0" • SEPSIS_CARD_ RESP_FAIL
131	Medicaid	001	174	174	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Beneficiary is entitled to Medicaid.
132	Originally Disabled	001	175	175	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Beneficiary original Medicare entitlement was due to disability.
133	Disabled Disease HCC039	001	176	176	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Disabled (Age<65) and CMS HCC 039 Bone/Joint/Muscle Infections/Necrosis
134	Disabled Disease HCC077	001	177	177	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Disabled (Age<65) and CMS HCC 077 Multiple Sclerosis
135	Disabled Disease HCC085	001	178	178	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Disabled (Age<65) and CMS HCC 085 Congestive Heart Failure
136	Disabled Disease HCC161	001	179	179	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Disabled (Age<65) and CMS HCC 161 Chronic Ulcer of the Skin, Except Pressure Ulcer
137	Disease Interactions - DISABLED_PRESSURE_ULCER	001	180	180	• Alphanumeric • Set to "1" if applicable, otherwise "0"

#	Field Name	Length	Start Position	End Position	Format / Comments
					• DISABLED_PRESSURE_ULCER
138	Disease Interactions - ARTIF_OPENINGS_PRESSURE_ ULCER	001	181	181	• Alphanumeric • Set to "1" if applicable, otherwise "0" • ARTIF_OPENINGS_PRESSURE_ ULCER
139	Disease Interactions - ASP_SPEC_BACT_PNEUM_ PRES_ULCER	001	182	182	• Alphanumeric • Set to "1" if applicable, otherwise "0" • ASP_SPEC_BACT_PNEUM_ PRES_ULCER
140	Disease Interactions - COPD_ASP_ SPEC_BACT_ PNEUM	001	183	183	• Alphanumeric • Set to "1" if applicable, otherwise "0" • COPD_ASP_ SPEC_BACT_ PNEUM
141	Disease Interactions - SCHIZOPHRENIA_CHF	001	184	184	• Alphanumeric • Set to "1" if applicable, otherwise "0" • SCHIZOPHRENIA_CHF
142	Disease Interactions - SCHIZOPHRENIA_COPD	001	185	185	• Alphanumeric • Set to "1" if applicable, otherwise "0" • SCHIZOPHRENIA_COPD
143	Disease Interactions – SCHIZOPHRENIA_SEIZURES	001	186	186	• Alphanumeric • Set to "1" if applicable, otherwise "0" • SCHIZOPHRENIA_SEIZURES
144	Disease Interactions - SEPSIS_ ARTIF_ OPENINGS	001	187	187	• Alphanumeric • Set to "1" if applicable, otherwise "0" • SEPSIS_ ARTIF_ OPENINGS
145	Disease Interactions - SEPSIS_ASP_ SPEC_BACT_ PNEUM	001	188	188	• Alphanumeric • Set to "1" if applicable, otherwise "0" • SEPSIS_ASP_ SPEC_BACT_ PNEUM
146	Disease Interactions - SEPSIS_ PRESSURE_ ULCER	001	189	189	• Alphanumeric • Set to "1" if applicable, otherwise "0" • SEPSIS_ PRESSURE_ ULCER
147	Filler	011	190	200	• Alphanumeric • Spaces

Total Length = 200.
NOTE: Fields 131-146 are associated with the CMS HCC V22 Institutional Score only.

RAS MOR CMS HCC Trailer Record (Payment Year 2016)

#	Field Name	Length	Start Position	End Position	Format / Comments
1	Record Type Code	001	001	001	• Alphanumeric • Set to "3" for Trailer
2	Contract Number	005	002	006	• Alphanumeric • 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	009	007	015	• Alphanumeric • Includes all header and trailer records
4	Filler	185	016	200	• Alphanumeric • Spaces

MOR LAYOUT FOR RxHCC RECORD TYPES 2, 4, and 5

RAS MOR Rx HCC Header Record (Payment Year 2016)

#	Field Name	Length	Start Position	End Position	Format / Comments
1	Record Type Code	001	001	001	• Alphanumeric • Set to "1" for Header
2	Contract Number	005	002	006	• Alphanumeric • 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	008	007	0014	• Alphanumeric • Format as yyyymmdd • The run date when this file was created.
4	Payment Year and Month	006	015	020	• Alphanumeric • Format as yyyymm • This identifies the risk adjustment payment year and month for the model run.
5	Filler	148	021	168	• Alphanumeric • Spaces

RAS MOR Rx HCC Detail Record Type 2, 4, and 5 (Payment Year 2016)

#	Field Name	Length	Start Position	End Position	Format / Comments
1	Record Type Code	001	001	001	• Alphanumeric • "2" = V05 PTD MOR (RAPS and FFS) • "4" = V05 PTD MOR (Encounter and FFS) • "5" = V05 PTD MOR (PACE) (RAPS, FFS, and Encounter)
2	Health Insurance Claim Number (HICN)	012	002	013	• Alphanumeric • This is the Health Insurance Claim Number (known as HICN) identifying the primary Medicare Beneficiary under the SSA or RRB programs. • The HICN, consisting of Beneficiary Claim Number along with the Beneficiary Identification Code uniquely identifies a Medicare Beneficiary. • For the RRB program, the claim account number is a 12-byte account number.
3	Beneficiary Last Name	012	014	025	• Alphanumeric • First 12 bytes of the Bene Last Name • Beneficiary Last Name
4	Beneficiary First Name	007	026	032	• Alphanumeric • First 7 bytes of the bene First Name • Beneficiary First Name
5	Beneficiary Initial	001	033	033	• Alphanumeric • 1 byte Initial • Beneficiary Initial
6	Date of Birth	008	034	041	• Alphanumeric • Formatted as yyyymmdd • The date of birth of the Medicare Beneficiary
7	Sex	001	042	042	• Alphanumeric • 0=unknown, 1=male, 2=female • Represents the sex of the Medicare Beneficiary

#	Field Name	Length	Start Position	End Position	Format / Comments
8	Social Security Number	009	043	051	• Alphanumeric • The beneficiary's current identification number that was assigned by the Social Security Administration.
9	Age Group Female 0_34	001	052	052	• Alphanumeric • 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, inclusive.
10	Age Group Female 35_44	001	053	053	• Alphanumeric • 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 Female 45_54	001	054	054	• Alphanumeric • 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 Female 55_59	001	055	055	• Alphanumeric • 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 Female 60_64	001	056	056	• Alphanumeric • 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 Female 65_69	001	057	057	• Alphanumeric • 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 Female 70_74	001	058	058	• Alphanumeric • 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.

#	Field Name	Length	Start Position	End Position	Format / Comments
16	Age Group Female 75_79	001	059	059	• Alphanumeric • 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 Female 80_84	001	060	060	• Alphanumeric • 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 Female 85_89	001	061	061	• Alphanumeric • 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 Female 90_94	001	062	062	• Alphanumeric • 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 Female 95_GT	001	063	063	• Alphanumeric • 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 Male 0_34	001	064	064	• Alphanumeric • 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 Male 35_44	001	065	065	• Alphanumeric • 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.

#	Field Name	Length	Start Position	End Position	Format / Comments
23	Age Group Male 45_54	001	066	066	• Alphanumeric • 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 Male 55_59	001	067	067	• Alphanumeric • 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 Male 60_64	001	068	068	• Alphanumeric • 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 Male 65_69	001	069	069	• Alphanumeric • 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 Male 70_74	001	070	070	• Alphanumeric • 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 Male 75_79	001	071	071	• Alphanumeric • 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 Male 80_84	001	072	072	• Alphanumeric • 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.

#	Field Name	Length	Start Position	End Position	Format / Comments
30	Age Group Male 85_89	001	073	073	• Alphanumeric • 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 Male 90_94	001	074	074	• Alphanumeric • 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 Male 95_GT	001	075	075	• Alphanumeric • 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	Originally Disabled Female	001	076	076	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Beneficiary is a female and original Medicare entitlement was due to disability.
34	Originally Disabled Male	001	077	077	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Beneficiary is a male and original Medicare entitlement was due to disability.
35	Disease Coefficients RXHCC1	001	078	078	• Alphanumeric • Set to "1" if applicable, otherwise "0" • HIV/AIDS
36	Disease Coefficients RXHCC5	001	079	079	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Opportunistic Infections
37	Disease Coefficients RXHCC15	001	080	080	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Chronic Myeloid Leukemia
38	Disease Coefficients RXHCC16	001	081	081	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Multiple Myeloma and Other Neoplastic Disorders

#	Field Name	Length	Start Position	End Position	Format / Comments
39	Disease Coefficients RXHCC17	001	082	082	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Secondary Cancers of Bone, Lung, Brain, and Other Specified Sites; Liver Cancer
40	Disease Coefficients RXHCC18	001	083	083	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Lung, Kidney, and Other Cancers
41	Disease Coefficients RXHCC19	001	084	084	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Breast and Other Cancers and Tumors
42	Disease Coefficients RXHCC30	001	085	085	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Diabetes with Complications
43	Disease Coefficients RXHCC31	001	086	086	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Diabetes without Complication
44	Disease Coefficients RXHCC40	001	087	087	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Specified Hereditary Metabolic/Immune Disorders
45	Disease Coefficients RXHCC41	001	088	088	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Pituitary, Adrenal Gland, and Other Endocrine and Metabolic Disorders
46	Disease Coefficients RXHCC42	001	089	089	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Thyroid Disorders
47	Disease Coefficients RXHCC43	001	090	090	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Morbid Obesity
48	Disease Coefficients RXHCC45	001	091	091	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Disorders of Lipoid Metabolism

#	Field Name	Length	Start Position	End Position	Format / Comments
49	Disease Coefficients RXHCC54	001	092	092	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Chronic Viral Hepatitis C
50	Disease Coefficients RXHCC55	001	093	093	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Chronic Viral Hepatitis, Except Hepatitis C
51	Disease Coefficients RXHCC65	001	094	094	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Chronic Pancreatitis
52	Disease Coefficients RXHCC66	001	095	095	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Pancreatic Disorders and Intestinal Malabsorption, Except Pancreatitis
53	Disease Coefficients RXHCC67	001	096	096	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Inflammatory Bowel Disease
54	Disease Coefficients RXHCC68	001	097	097	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Esophageal Reflux and Other Disorders of Esophagus
55	Disease Coefficients RXHCC80	001	098	098	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Aseptic Necrosis of Bone
56	Disease Coefficients RXHCC82	001	099	099	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Psoriatic Arthropathy and Systemic Sclerosis
57	Disease Coefficients RXHCC83	001	100	100	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Rheumatoid Arthritis and Other Inflammatory Polyarthropathy

#	Field Name	Length	Start Position	End Position	Format / Comments
58	Disease Coefficients RXHCC84	001	101	101	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Systemic Lupus Erythematosus, Other Connective Tissue Disorders, and Inflammatory Spondylopathies
59	Disease Coefficients RXHCC87	001	102	102	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Osteoporosis, Vertebral and Pathological Fractures
60	Disease Coefficients RXHCC95	001	103	103	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Sickle Cell Anemia
61	Disease Coefficients RXHCC96	001	104	104	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Myelodysplastic Syndromes and Myelofibrosis
62	Disease Coefficients RXHCC97	001	105	105	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Immune Disorders
63	Disease Coefficients RXHCC98	001	106	106	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Aplastic Anemia and Other Significant Blood Disorders
64	Disease Coefficients RXHCC111	001	107	107	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Alzheimer's Disease
65	Disease Coefficients RXHCC112	001	108	108	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Dementia, Except Alzheimer's Disease
66	Disease Coefficients RXHCC130	001	109	109	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Schizophrenia
67	Disease Coefficients RXHCC131	001	110	110	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Bipolar Disorders

#	Field Name	Length	Start Position	End Position	Format / Comments
68	Disease Coefficients RXHCC132	001	111	111	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Major Depression
69	Disease Coefficients RXHCC133	001	112	112	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Specified Anxiety, Personality, and Behavior Disorders
70	Disease Coefficients RXHCC134	001	113	113	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Depression
71	Disease Coefficients RXHCC135	001	114	114	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Anxiety Disorders
72	Disease Coefficients RXHCC145	001	115	115	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Autism
73	Disease Coefficients RXHCC146	001	116	116	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Profound or Severe Intellectual Disability/Developmental Disorder
74	Disease Coefficients RXHCC147	001	117	117	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Moderate Intellectual Disability/Developmental Disorder
75	Disease Coefficients RXHCC148	001	118	118	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Mild or Unspecified Intellectual Disability/Developmental Disorder
76	Disease Coefficients RXHCC156	001	119	119	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Myasthenia Gravis, Amyotrophic Lateral Sclerosis and Other Motor Neuron Disease
77	Disease Coefficients RXHCC157	001	120	120	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Spinal Cord Disorders

#	Field Name	Length	Start Position	End Position	Format / Comments
78	Disease Coefficients RXHCC159	001	121	121	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Inflammatory and Toxic Neuropathy
79	Disease Coefficients RXHCC160	001	122	122	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Multiple Sclerosis
80	Disease Coefficients RXHCC161	001	123	123	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Parkinson's and Huntington's Diseases
81	Disease Coefficients RXHCC163	001	124	124	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Intractable Epilepsy
82	Disease Coefficients RXHCC164	001	125	125	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Epilepsy and Other Seizure Disorders, Except Intractable Epilepsy
83	Disease Coefficients RXHCC165	001	126	126	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Convulsions
84	Disease Coefficients RXHCC166	001	127	127	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Migraine Headaches
85	Disease Coefficients RXHCC168	001	128	128	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Trigeminal and Postherpetic Neuralgia
86	Disease Coefficients RXHCC185	001	129	129	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Primary Pulmonary Hypertension
87	Disease Coefficients RXHCC186	001	130	130	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Congestive Heart Failure

#	Field Name	Length	Start Position	End Position	Format / Comments
88	Disease Coefficients RXHCC187	001	131	131	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Hypertension
89	Disease Coefficients RXHCC188	001	132	132	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Coronary Artery Disease
90	Disease Coefficients RXHCC193	001	133	133	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Atrial Arrhythmias
91	Disease Coefficients RXHCC206	001	134	134	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Cerebrovascular Disease, Except Hemorrhage or Aneurysm
92	Disease Coefficients RXHCC207	001	135	135	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Spastic Hemiplegia
93	Disease Coefficients RXHCC215	001	136	136	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Venous Thromboembolism
94	Disease Coefficients RXHCC216	001	137	137	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Peripheral Vascular Disease
95	Disease Coefficients RXHCC225	001	138	138	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Cystic Fibrosis
96	Disease Coefficients RXHCC226	001	139	139	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Chronic Obstructive Pulmonary Disease and Asthma
97	Disease Coefficients RXHCC227	001	140	140	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Pulmonary Fibrosis and Other Chronic Lung Disorders

#	Field Name	Length	Start Position	End Position	Format / Comments
98	Disease Coefficients RXHCC241	001	141	141	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Diabetic Retinopathy
99	Disease Coefficients RXHCC243	001	142	142	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Open-Angle Glaucoma
100	Disease Coefficients RXHCC260	001	143	143	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Kidney Transplant Status
101	Disease Coefficients RXHCC261	001	144	144	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Dialysis Status
102	Disease Coefficients RXHCC262	001	145	145	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Chronic Kidney Disease Stage 5
103	Disease Coefficients RXHCC263	001	146	146	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Chronic Kidney Disease Stage 4
104	Disease Coefficients RXHCC311	001	147	147	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Chronic Ulcer of Skin, Except Pressure
105	Disease Coefficients RXHCC314	001	148	148	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Pemphigus
106	Disease Coefficients RXHCC316	001	149	149	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Psoriasis, Except with Arthropathy
107	Disease Coefficients RXHCC355	001	150	150	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Narcolepsy and Cataplexy
108	Disease Coefficients RXHCC395	001	151	151	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Lung Transplant Status

#	Field Name	Length	Start Position	End Position	Format / Comments
109	Disease Coefficients RXHCC396	001	152	152	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Major Organ Transplant Status, Except Lung, Kidney, and Pancreas
110	Disease Coefficients RXHCC397	001	153	153	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Pancreas Transplant Status
111	Originally Disabled	001	154	154	• Alphanumeric • Set to "1" if applicable, otherwise "0" • The original reason for Medicare entitlement was due to disability.
112	NONAGED RXHCC1	001	155	155	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Non-Aged and HIV/AIDS
113	NONAGED RXHCC130	001	156	156	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Non-Aged and Schizophrenia
114	NONAGED RXHCC131	001	157	157	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Non-Aged and Bipolar Disorders
115	NONAGED RXHCC132	001	158	158	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Non-Aged and Major Depression
116	NONAGED RXHCC133	001	159	159	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Non-Aged and Specified Anxiety, Personality, and Behavior Disorders
117	NONAGED RXHCC134	001	160	160	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Non-Aged and Depression
118	NONAGED RXHCC135	001	161	161	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Non-Aged and Anxiety Disorders

#	Field Name	Length	Start Position	End Position	Format / Comments
119	NONAGED RXHCC160	001	162	162	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Non-Aged and Multiple Sclerosis
120	NONAGED RXHCC163	001	163	163	• Alphanumeric • Set to "1" if applicable, otherwise "0" • Non-Aged and Intractable Epilepsy
121	FILLER	005	164	168	• Alphanumeric • Spaces

Total Length = 168.
NOTE: Fields 111-120 are associated with the Rx HCC Continuing Enrollee Institutional Score only.

RAS MOR Rx HCC Trailer Record (Payment Year 2016)

#	Field Name	Length	Start Position	End Position	Format / Comments
1	Record Type Code	001	001	001	• Alphanumeric • Set to "3" for Trailer
2	Contract Number	005	002	006	• Alphanumeric • 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	009	007	015	• Alphanumeric • Includes all header and trailer records
4	Filler	153	016	168	• Alphanumeric • Spaces