

## APPENDIX A. NEW RAS RX HCC MOR FILE FORMAT

**Table 1. New RAS Rx HCC MOR Header Record Format**

The Contract Header Record signals the beginning of the detail/beneficiary records for a Medicare Advantage or stand-alone Prescription Drug Plan contract/plan. This new record will have length 164.

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		Unique identification for a Medicare Advantage or stand-alone Prescription Drug Plan contract.
2	Run Date	Char(8)	7	14	8	Format as yyymmdd	The run date when this file was created.
3	Payment Year and Month	Char(6)	15	20	6	Format as yyymm	This identifies the risk adjustment payment year and month for the model run.
4	Filler	Char(142)	21	164	144	Spaces	
				Total	164		

Each Detail/Beneficiary Record contains information for an HCC beneficiary in a Medicare Prescription Drug contract/plan, as of the last RAS model run for the current calendar/payment year. Changes are required to the existing Detail/Beneficiary Record Format to support the new Drug Model factors. The new Rx MOR output file format is documented below.

**Table 2. New RAS Rx HCC MOR Detail/Beneficiary Record Format**

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 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 yyyyymmdd	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

Field #	Field Name	Data Type	Starting Position	Ending position	Field Length	Comment	Field Description
							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 age of 0 through 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 age of 35 through 44.
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 age of 45 through 54.
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 age of 55 through 59.
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 age of 60 through 64.
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 age of 65 through 69.
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 age of 70 through 74.
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 age of 75 through 79.
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 age of 80 through 84.

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 age of 85 through 89.
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 age of 90 through 94.
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 between age of 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 age of 0 through 34.
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 age of 35 through 44.
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 age of 45 through 54.
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 age of 55 through 59.
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 age of 60 through 64.
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 age of 65 through 69.
27	Age Group Male70_74	Char(1)	70	70	1	Set to "1" if applicable, otherwise	The sex and age group for the beneficiary based on a given as of date. Male

Field #	Field Name	Data Type	Starting Position	Ending position	Field Length	Comment	Field Description
						"0"	between age of 70 through 74.
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 age of 75 through 79.
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 age of 80 through 84.
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 age of 85 through 89.
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 age of 90 through 94.
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 between age of 95 and greater.
33	Originally Disabled Female	Char(1)	76	76	1	Set to "1" if applicable, otherwise "0"	Beneficiary is a female aged (age>64) 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 aged (age>64) 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 RXHCC2	Char(1)	79	79	1	Set to "1" if applicable, otherwise "0"	Opportunistic Infections
37	Disease Coefficients RXHCC3	Char(1)	80	80	1	Set to "1" if applicable, otherwise	Infectious Diseases

Field #	Field Name	Data Type	Starting Position	Ending position	Field Length	Comment	Field Description
						"0"	
38	Disease Coefficients RXHCC8	Char(1)	81	81	1	Set to "1" if applicable, otherwise "0"	Acute Myeloid Leukemia
39	Disease Coefficients RXHCC9	Char(1)	82	82	1	Set to "1" if applicable, otherwise "0"	Metastatic Cancer, Acute Leukemia, and Severe Cancers
40	Disease Coefficients RXHCC10	Char(1)	83	83	1	Set to "1" if applicable, otherwise "0"	Lung, Upper Digestive Tract, and Other Severe Cancers
41	Disease Coefficients RXHCC17	Char(1)	84	84	1	Set to "1" if applicable, otherwise "0"	Diabetes with Specified Complications
42	Disease Coefficients RXHCC18	Char(1)	85	85	1	Set to "1" if applicable, otherwise "0"	Diabetes without Complication
43	Disease Coefficients RXHCC19	Char(1)	86	86	1	Set to "1" if applicable, otherwise "0"	Disorders of Lipoid Metabolism
44	Disease Coefficients RXHCC20	Char(1)	87	87	1	Set to "1" if applicable, otherwise "0"	Other Significant Endocrine and Metabolic Disorders
45	Disease Coefficients RXHCC21	Char(1)	88	88	1	Set to "1" if applicable, otherwise "0"	Other Specified Endocrine/Metabolic/ Nutritional Disorders
46	Disease Coefficients RXHCC24	Char(1)	89	89	1	Set to "1" if applicable, otherwise "0"	Chronic Viral Hepatitis
47	Disease Coefficients RXHCC31	Char(1)	90	90	1	Set to "1" if applicable, otherwise "0"	Chronic Pancreatic Disease
48	Disease Coefficients RXHCC33	Char(1)	91	91	1	Set to "1" if applicable, otherwise "0"	Inflammatory Bowel Disease

Field #	Field Name	Data Type	Starting Position	Ending position	Field Length	Comment	Field Description
49	Disease Coefficients RXHCC34	Char(1)	92	92	1	Set to "1" if applicable, otherwise "0"	Peptic Ulcer and Gastrointestinal Hemorrhage
50	Disease Coefficients RXHCC37	Char(1)	93	93	1	Set to "1" if applicable, otherwise "0"	Esophageal Disease
51	Disease Coefficients RXHCC39	Char(1)	94	94	1	Set to "1" if applicable, otherwise "0"	Bone/Joint/Muscle Infections/Necrosis
52	Disease Coefficients RXHCC40	Char(1)	95	95	1	Set to "1" if applicable, otherwise "0"	Behets Syndrome and Other Connective Tissue Disease
53	Disease Coefficients RXHCC41	Char(1)	96	96	1	Set to "1" if applicable, otherwise "0"	Rheumatoid Arthritis and Other Inflammatory Polyarthropathy
54	Disease Coefficients RXHCC42	Char(1)	97	97	1	Set to "1" if applicable, otherwise "0"	Inflammatory Spondylopathies
55	Disease Coefficients RXHCC43	Char(1)	98	98	1	Set to "1" if applicable, otherwise "0"	Polymyalgia Rheumatica
56	Disease Coefficients RXHCC44	Char(1)	99	99	1	Set to "1" if applicable, otherwise "0"	Psoriatic Arthropathy
57	Disease Coefficients RXHCC45	Char(1)	100	100	1	Set to "1" if applicable, otherwise "0"	Disorders of the Vertebrae and Spinal Discs
58	Disease Coefficients RXHCC47	Char(1)	101	101	1	Set to "1" if applicable, otherwise "0"	Osteoporosis and Vertebral Fractures
59	Disease Coefficients RXHCC48	Char(1)	102	102	1	Set to "1" if applicable, otherwise "0"	Other Musculoskeletal and Connective Tissue Disorders
60	Disease Coefficients	Char(1)	103	103	1	Set to "1" if applicable,	Severe Hematological Disorders

Field #	Field Name	Data Type	Starting Position	Ending position	Field Length	Comment	Field Description
	RXHCC51					otherwise "0"	
61	Disease Coefficients RXHCC52	Char(1)	104	104	1	Set to "1" if applicable, otherwise "0"	Disorders of Immunity
62	Disease Coefficients RXHCC54	Char(1)	105	105	1	Set to "1" if applicable, otherwise "0"	Polycythemia Vera
63	Disease Coefficients RXHCC55	Char(1)	106	106	1	Set to "1" if applicable, otherwise "0"	Coagulation Defects and Other Specified Blood Diseases
64	Disease Coefficients RXHCC57	Char(1)	107	107	1	Set to "1" if applicable, otherwise "0"	Delirium and Encephalopathy
65	Disease Coefficients RXHCC59	Char(1)	108	108	1	Set to "1" if applicable, otherwise "0"	Dementia with Depression/Behavioral Disturbance
66	Disease Coefficients RXHCC60	Char(1)	109	109	1	Set to "1" if applicable, otherwise "0"	Dementia/Cerebral Degeneration
67	Disease Coefficients RXHCC65	Char(1)	110	110	1	Set to "1" if applicable, otherwise "0"	Schizophrenia
68	Disease Coefficients RXHCC66	Char(1)	111	111	1	Set to "1" if applicable, otherwise "0"	Other Major Psychiatric Disorders
69	Disease Coefficients RXHCC67	Char(1)	112	112	1	Set to "1" if applicable, otherwise "0"	Other Psychiatric Symptoms/Syndromes
70	Disease Coefficients RXHCC75	Char(1)	113	113	1	Set to "1" if applicable, otherwise "0"	Attention Deficit Disorder
71	Disease Coefficients RXHCC76	Char(1)	114	114	1	Set to "1" if applicable, otherwise "0"	Motor Neuron Disease and Spinal Muscular Atrophy

Field #	Field Name	Data Type	Starting Position	Ending position	Field Length	Comment	Field Description
72	Disease Coefficients RXHCC77	Char(1)	115	115	1	Set to "1" if applicable, otherwise "0"	Quadriplegia, Other Extensive Paralysis, and Spinal Cord Injuries
73	Disease Coefficients RXHCC78	Char(1)	116	116	1	Set to "1" if applicable, otherwise "0"	Muscular Dystrophy
74	Disease Coefficients RXHCC79	Char(1)	117	117	1	Set to "1" if applicable, otherwise "0"	Polyneuropathy, Except Diabetic
75	Disease Coefficients RXHCC80	Char(1)	118	118	1	Set to "1" if applicable, otherwise "0"	Multiple Sclerosis
76	Disease Coefficients RXHCC81	Char(1)	119	119	1	Set to "1" if applicable, otherwise "0"	Parkinson's Disease
77	Disease Coefficients RXHCC82	Char(1)	120	120	1	Set to "1" if applicable, otherwise "0"	Huntington's Disease
78	Disease Coefficients RXHCC83	Char(1)	121	121	1	Set to "1" if applicable, otherwise "0"	Seizure Disorders and Convulsions
79	Disease Coefficients RXHCC85	Char(1)	122	122	1	Set to "1" if applicable, otherwise "0"	Migraine Headaches
80	Disease Coefficients RXHCC86	Char(1)	123	123	1	Set to "1" if applicable, otherwise "0"	Mononeuropathy, Other Abnormal Movement Disorders
81	Disease Coefficients RXHCC87	Char(1)	124	124	1	Set to "1" if applicable, otherwise "0"	Other Neurological Conditions/Injuries
82	Disease Coefficients RXHCC91	Char(1)	125	125	1	Set to "1" if applicable, otherwise "0"	Congestive Heart Failure
83	Disease Coefficients	Char(1)	126	126	1	Set to "1" if applicable,	Acute Myocardial Infarction and Unstable

Field #	Field Name	Data Type	Starting Position	Ending position	Field Length	Comment	Field Description
	RXHCC92					otherwise "0"	Angina
84	Disease Coefficients RXHCC98	Char(1)	127	127	1	Set to "1" if applicable, otherwise "0"	Hypertensive Heart Disease or Hypertension
85	Disease Coefficients RXHCC99	Char(1)	128	128	1	Set to "1" if applicable, otherwise "0"	Specified Heart Arrhythmias
86	Disease Coefficients RXHCC102	Char(1)	129	129	1	Set to "1" if applicable, otherwise "0"	Cerebral Hemorrhage and Effects of Stroke
87	Disease Coefficients RXHCC105	Char(1)	130	130	1	Set to "1" if applicable, otherwise "0"	Pulmonary Embolism and Deep Vein Thrombosis
88	Disease Coefficients RXHCC106	Char(1)	131	131	1	Set to "1" if applicable, otherwise "0"	Vascular Disease
89	Disease Coefficients RXHCC108	Char(1)	132	132	1	Set to "1" if applicable, otherwise "0"	Cystic Fibrosis
90	Disease Coefficients RXHCC109	Char(1)	133	133	1	Set to "1" if applicable, otherwise "0"	Asthma and COPD
91	Disease Coefficients RXHCC110	Char(1)	134	134	1	Set to "1" if applicable, otherwise "0"	Fibrosis of Lung and Other Chronic Lung Disorders
92	Disease Coefficients RXHCC111	Char(1)	135	135	1	Set to "1" if applicable, otherwise "0"	Aspiration and Specified Bacterial Pneumonias
93	Disease Coefficients RXHCC112	Char(1)	136	136	1	Set to "1" if applicable, otherwise "0"	Empyema, Lung Abscess, and Fungal and Parasitic Lung Infections
94	Disease Coefficients RXHCC113	Char(1)	137	137	1	Set to "1" if applicable, otherwise "0"	Acute Bronchitis and Congenital Lung/Respiratory Anomaly

Field #	Field Name	Data Type	Starting Position	Ending position	Field Length	Comment	Field Description
95	Disease Coefficients RXHCC120	Char(1)	138	138	1	Set to "1" if applicable, otherwise "0"	Vitreous Hemorrhage and Vascular Retinopathy, Except Diabetic
96	Disease Coefficients RXHCC121	Char(1)	139	139	1	Set to "1" if applicable, otherwise "0"	Macular Degeneration and Retinal Disorders, Except Detachment and Vascular Retinopathies
98	Disease Coefficients RXHCC122	Char(1)	140	140	1	Set to "1" if applicable, otherwise "0"	Open-angle Glaucoma
99	Disease Coefficients RXHCC123	Char(1)	141	141	1	Set to "1" if applicable, otherwise "0"	Glaucoma and Keratoconus
100	Disease Coefficients RXHCC126	Char(1)	142	142	1	Set to "1" if applicable, otherwise "0"	Larynx/Vocal Cord Diseases
101	Disease Coefficients RXHCC129	Char(1)	143	143	1	Set to "1" if applicable, otherwise "0"	Other Diseases of Upper Respiratory System
102	Disease Coefficients RXHCC130	Char(1)	144	144	1	Set to "1" if applicable, otherwise "0"	Salivary Gland Diseases
103	Disease Coefficients RXHCC132	Char(1)	145	145	1	Set to "1" if applicable, otherwise "0"	Kidney Transplant Status
104	Disease Coefficients RXHCC134	Char(1)	146	146	1	Set to "1" if applicable, otherwise "0"	Chronic Renal Failure
105	Disease Coefficients RXHCC135	Char(1)	147	147	1	Set to "1" if applicable, otherwise "0"	Nephritis
106	Disease Coefficients RXHCC137	Char(1)	148	148	1	Set to "1" if applicable, otherwise "0"	Urinary Obstruction and Retention
107	Disease Coefficients	Char(1)	149	149	1	Set to "1" if applicable,	Fecal Incontinence

Field #	Field Name	Data Type	Starting Position	Ending position	Field Length	Comment	Field Description
	RXHCC138					otherwise "0"	
108	Disease Coefficients RXHCC139	Char(1)	150	150	1	Set to "1" if applicable, otherwise "0"	Incontinence
109	Disease Coefficients RXHCC140	Char(1)	151	151	1	Set to "1" if applicable, otherwise "0"	Impaired Renal Function and Other Urinary Disorders
110	Disease Coefficients RXHCC144	Char(1)	152	152	1	Set to "1" if applicable, otherwise "0"	Vaginal and Cervical Diseases
111	Disease Coefficients RXHCC145	Char(1)	153	153	1	Set to "1" if applicable, otherwise "0"	Female Stress Incontinence
112	Disease Coefficients RXHCC157	Char(1)	154	154	1	Set to "1" if applicable, otherwise "0"	Chronic Ulcer of Skin, Except Decubitus
113	Disease Coefficients RXHCC158	Char(1)	155	155	1	Set to "1" if applicable, otherwise "0"	Psoriasis
114	Disease Coefficients RXHCC159	Char(1)	156	156	1	Set to "1" if applicable, otherwise "0"	Cellulitis and Local Skin Infection
115	Disease Coefficients RXHCC160	Char(1)	157	157	1	Set to "1" if applicable, otherwise "0"	Bullous Dermatoses and Other Specified Erythematous Conditions
116	Disease Coefficients RXHCC165	Char(1)	158	158	1	Set to "1" if applicable, otherwise "0"	Vertebral Fractures without Spinal Cord Injury
117	Disease Coefficients RXHCC166	Char(1)	159	159	1	Set to "1" if applicable, otherwise "0"	Pelvic Fracture
118	Disease Coefficients RXHCC186	Char(1)	160	160	1	Set to "1" if applicable, otherwise "0"	Major Organ Transplant Status

Field #	Field Name	Data Type	Starting Position	Ending position	Field Length	Comment	Field Description
119	Disease Coefficients RXHCC187	Char(1)	161	161	1	Set to "1" if applicable, otherwise "0"	Other Organ Transplant/Replacement
120	Disabled Disease RXHCC65	Char(1)	162	162	1	Set to "1" if applicable, otherwise "0"	Disabled (Age<65) and Schizophrenia
121	Disabled Disease RXHCC66	Char(1)	163	163	1	Set to "1" if applicable, otherwise "0"	Disabled (Age<65) and Other Major Psychiatric Disorders
	Disabled Disease RXHCC108	Char(1)	164	164	1	Set to "1" if applicable, otherwise "0"	Disabled (Age<65) and Cystic Fibrosis
			164	164	164		