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## HL7 Options for RSR Fields

Version 1.4

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### Revision History:

- 1.1 Change color coding and edit not currently imported fields.
- 1.2 Revised question 2 so that it reflects only updating patient's vital status.
- 1.3 Reformatted as table plus general editing
- 1.4 Updated document after recent updates to the HL7 Socket Interface

The following table lists the fields in the RSR, using the field name and numbering system established by HRSA. The "HL7 Import?" column indicates one of the following possibilities:

- **Yes.** This means that the CAREWare HL7 interface currently imports all information necessary to populate that RSR field.
- **No, but available.** This means that there is a good place to get the data for this field in HL7, but the interface does not currently do so.
- **No.** This means that we were unable to find a good place to get the data for this field in HL7. However, in some cases (as indicated in the notes column), part of the data could be imported after revisions to the HL7 interface.

The Segment column lists the HL7 segment in cases where the RSR field data are (or can be) brought in from a single, identifiable location.

#	RSR Field	HL7 Import?	Segment	Notes
1	FirstServiceDate	Yes		Calculated internally by CAREWare. Services can be imported as completed appointments when none exist prior.
2	EnrollmentStatusID	Yes	Custom*	Currently there are no HL7 fields that hold this. Can use PID 30 (Patient Death Indicator) and PID 29 (Patient Death Date/Time). CAREWare can set the vital status of the patient to deceased if there's a death date.

3	DeathDate	Yes	PID-29	
4	BirthYear	Yes	PID-7	All feeds.
5	EthnicityID	Yes	PID-22	
6	RaceID	Yes	PID-10	
7	GenderID	Yes	PID-8	
8	TransgenderID	Yes	PID-8	
9	PovertyLevelID	No, but available	GT1	GT1 segment holds Guarantor Household Annual Income (GT1 27) and Guarantor Household Size (GT1 28). These values can be used to calculate poverty level.
10	HousingStatusID	No, but available	PD1-2	
11	GeographicUnitCode	Yes	PID-11.4	
12	HIVAIDSStatusID	Yes	Custom*	It can be defined in the OM1 Segment position 30 that holds the confidentiality code. Currently there are no HL7 fields that hold this.
13	AIDSDiagnosisYear	Yes	Custom*	Imported as part of ADT demographic update. User needs to specify the HL7 field that contains the information
14	HIVRiskFactor	Yes	Custom*	Imported as part of ADT demographic update. User needs to specify the HL7 field that contains the information
15	MedicalInsuranceID	No, but available	IN1, IN2, IN3	
16-45	Core/Support Services	Yes		Services can be imported as completed appointments when none exist prior. They can also be imported when the HL7 ORU type messages are contain service code and values in OBX 3.1 and OBX 5 segments
46	RiskScreeningProvidedID	Yes		Using new annual review changes, this field can be imported as a screening.
47	FirstAmbulatoryCare Date	Yes		Calculated by CW internally.
48	ClientReportAmbulatoryService/ServiceDate	Yes		Ambulatory Service can be imported as completed appointments when none exist prior. They can also be imported when the HL7 ORU type messages are contain service code and values in OBX 3.1 and OBX 5 segments
49	ClientReportCD4Cou	Yes		Imported with Lab feed.

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50	ClientReportViralLoadTest	Yes		Imported with Lab feed.
51	PrescribedPCP-Prophylaxis	Yes		As part of importing medication records from the RXE segments
52	PrescribedHaart	Yes		As part of importing medication records from the RXE segments
53	ScreenedTBID	Yes		Imported with Lab feed.
54	ScreenedTBSinceHIVDiagnosisID	Yes		Imported with Lab feed.
55	ScreenedSyphilisID	Yes		Imported with Lab feed.
56	ScreenedHepatitisBID	Yes		Imported with Lab feed.
57	ScreenedHepBSinceHIVDiagnosisID	Yes		Imported with Lab feed.
58	VaccinatedHepatitisBID	Yes	RXA	Imported via VXU/VXR feeds
59	ScreenedHepCID	Yes		Imported with Lab feed.
60	ScreenedHepCSinceHIVDiagnosisID	Yes		Imported with Lab feed.
61	ScreenedSubstanceAbuseID	Yes		Imported with Lab feed.
62	ScreenedMentalHealthID	Yes		Imported with Lab feed.
63	ReceivedCervicalPapSmearID	Yes		Imported with Lab feed.
64	PregnantID	No		Pregnancy information is not imported
65	PrenatalCareID	No		Pregnancy information is not imported
66	PrescribedArvMedID	No		Pregnancy information is not imported

\*Custom: CAREWare HL7 ADT interface can import these, but they need to be populated in specific segments (any of the patient identifier segments)