

### HDD Validation Rules - Release 1 (2010-2011 Data)

Rule #	Data Element Name	Error Description	Data Source / Derivation / Notes	UB-04 Form Locator	Validation Rule
1	Patient Gender Code	Invalid/Missing Patient Gender Code	837 file from hospital	FL11	Patient Gender must be present and must be M, F, or U.
2	Patient Residence Zip Code	Invalid/Missing Patient Zip Code	837 file from hospital	FL09d	If patient residence is US, then first five digits of Patient Zip Code must be present and must be all numeric. Patient Zip Code cannot be "00000".
3	Patient Birth Date	Invalid/Missing Patient Birth Date	837 file from hospital	FL10	Patient Birth Date must be present and must be a valid date (month, day, and year).
4	Patient Birth Date	Year in Birth Date Not After 1900			The year in Patient Birth Date must be greater than 1900.
5	Patient Birth Date	Birth Date Not Before Current Date			Patient Birth Date must be before current system date.
6	Patient Birth Date	Birth Date After Admission/Start of Service Date	Converse of Rule 11		Patient Birth Date must be on or before Admission/Start of Care Date.
7	Patient Birth Date	Birth Date After Discharge/End of Service Date	Converse of Rule 16		Patient Birth Date must be on or before Discharge/End of Service Date.
8	Admission/Start of Care Date	Missing Admission/Start of Care Date	837 file from hospital	FL12	For Inpatient and Specialty discharge types, Admission/Start of Care Date must be present. Data element is optional for outpatient discharge type.
56	Admission/Start of Care Date	Invalid Admission/Start of Care Date			If present, Admission/Start of Care Date, which includes a time element, must be a valid date (month, day, and year) and time (hour and minute).
9	Admission/Start of Care Date	Year in Admission/Start of Care Date Not After 2008			If present, the year in Admission/Start of Care Date must be greater than 2008.
10	Admission/Start of Care Date	Admission/Start of Care Date Not Before Current Date			If present, Admission/Start of Care Date must be before current system date.
11	Admission/Start of Care Date	Birth Date After Admission/Start of Service Date	Converse of Rule 6		If present, Admission/Start of Care Date must be on or after Patient Birth Date.

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12	Admission/Start of Care Date	Admission/Start of Care Date After Discharge/End of Service Date	Converse of Rule 17		If present, Admission/Start of Care Date must be on or before Discharge/End of Service Date.
13	Discharge/End of Service Date	Invalid/Missing Discharge/End of Service Date	837 file from hospital	FL06	Discharge/End of Service Date must be present and must be a valid date (month, day, and year).
14	Discharge/End of Service Date	Year in Discharge/End of Service Date Not After 2009			The year in Discharge/End of Service Date must be greater than 2009.
15	Discharge/End of Service Date	Discharge/End of Service Date Not Before Current Date			Discharge/End of Service Date must be before current system date.
16	Discharge/End of Service Date	Birth Date After Discharge/End of Service Date	Converse of Rule 7		Discharge/End of Service Date must be on or after Patient Birth Date.
17	Discharge/End of Service Date	Admission/Start of Care Date After Discharge/End of Service Date	Converse of Rule 12		Discharge/End of Service Date must be on or after Admission/Start of Care Date.
18	Discharge/End of Service Date				Discharge/End of Service Date must fall within the time period for which the data was submitted. <b>Validation will not be implemented.</b>
19	Discharge Year		Derived from Discharge/End of Service Date		<b>No validation.</b> Will be available (derived) in an EDW view.
20	Patient Age in Years		Age in Years is the difference between Admission/Start of Care Date and Patient Birth Date, rounded down to the nearest year.		<b>No validation.</b> Will be available (derived) in an EDW view.

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21	Length of Stay in Days		Length of Stay (LOS) is the difference between Discharge/End of Service Date and Admission/Start of Care Date in days. If LOS = 0 (because these two dates are the same - admitted and discharged on the same day), then Length of Stay should be set to 1.		If Length of Stay is greater than 30, then a warning message will be issued that will ask the hospital to verify Admission and Discharge Dates. <b>Validation will not be implemented. Data element will be available (derived) in an EDW view.</b>
22	Principal Diagnosis Code		837 file from hospital	FL67	A valid ICD9 diagnosis code must be present. Principal Diagnosis Code must be validated against the list of valid ICD9 diagnosis codes for the fiscal year in which the Discharge Date falls. <b>Validation will not be implemented.</b>
23	Principal Procedure Code		837 file from hospital	FL74	If the Principal Procedure Code is present, then it must be an ICD9 procedure code that was valid during the fiscal year in which the Discharge Date falls. <b>Validation will not be implemented.</b>
24	Total Charge Amount	Invalid/Missing Total Charge	837 file from hospital	FL47	Total Charge must be present and must be a valid non-negative number.
25	Total Charge Amount				If Total Charge is zero or greater than 999999.99, then a warning message will be issued that will ask the hospital to verify Total Charge Amount. <b>Validation will not be implemented.</b>
26	Payer Name	Missing Payer Name	837 file from hospital	FL50	The Primary Payer Name must be present.
27	Hospital Code		A code that uniquely identifies the hospital.		<b>No validation.</b> Will be derived when processing the claim.

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28	Discharge Type		If claim is from a specialty hospital, then Discharge Type is set to "SP" (Specialty); otherwise, Discharge Type is "IP" (Inpatient) or "OP" (Outpatient), depending on Type of Bill on the 837 file. If Discharge Type cannot be derived using Type of Bill,		<b>No validation.</b> Will be derived when processing the claim.
29	Type of Bill	Invalid Type of Bill	837 file from hospital	FL04	If claim is from a non-specialty hospital, a valid code must be present. See UB-04 manual for list of valid codes. Type of Bill is used to derive Discharge Type for non-specialty hospitals.
30	Statement Begin Period / Start of Service Date	Invalid/Missing Start Of Service Date	837 file from hospital. Statement Begin Period and Start of Service Date both refer to the same data element. See FL06 in UB-04 manual for more information.		Statement Begin Period / Start of Service Date must be present and must be a valid date (month, day, and year).
31	Statement Begin Period / Start of Service Date	Year in Start Of Service Date Not After 2008			The year in Start Of Service Date must be greater than 2008.
32	Statement Begin Period / Start of Service Date	Start of Service Date Not Before Current Date			Start Of Service Date must be before current system date.
33	Statement Begin Period / Start of Service Date & Discharge / End of Service Date	Start Of Service Date After End Of Service Date	Discharge Date, End of Service Date, and Statement End Period all refer to the same data element. See FL06 in UB-04 manual for more information.		Start Of Service Date must be on or before End Of Service Date.
57	Statement Begin Period / Start of Service Date	Birth Date After Start of Service Date			Patient Birth Date must be on or before Start Of Service Date.
	<b>Notes</b>				
	Validations are for all discharge types - Inpatient, Outpatient, Specialty - unless specifically stated otherwise in the validation rule.				