

FLAT FILE: The following information supplements the X12 Flat File Spreadsheet:

Column	Description
837 Version 4010	
Element Identifier	ASC X12 837 Professional X098 Implementation Guide (IG) segment and data element number
Description	Industry name for data element in the IG
ID	Data type indicator from element attributes in the IG (See Appendix A, page 5 in IG for additional information)
Min. Max.	The first line of each segment that is bolded will contain maximum number of repeats for that segment. Otherwise, the column represents the minimum and maximum field lengths for the data element in the IG
Usage Req.	Data element or segment usage requirement in the IG R = required S = situational N/U = not used (See Appendix A – page 8, - section A.1.3.8 for additional information)
Loop	Loops or groups of semantically related segments (See Appendix A – page 11 – section A.1.3.11.4)
Loop Repeat	The maximum number of times the loop is allowed to repeat in the transaction
Values	Valid values per IG to be reported in the data elements
X12 Page No.	IG page reference
<u>X12 Flat file</u>	<p>* = elements combine to make the record identifier. These elements are not pre-defined. They are provided during translation. For example, after translation the submitter and receiver portion of the flat file the record identifier would look like (small case “b” indicates space fill):</p> <p>1000Ab0001NM1b0001 1000Ab0001N2bb0001 1000Ab0001PERb0001 1000Bb0001NM1b0001 1000Bb0001N2bb0001</p> <p>Another example at the claim level would look like:</p> <p>2300bb0001CLMb0001 (first claim) 2300bb0001DTPb0001 2300bb0001DTPb0002 2300bb0002CLMb0001 (second claim)</p>
Loop Id*	Loop or group of semantically related segments (See Appendix A – page 11 – section A.1.3.11.4) 6 positions When no loop id exists or the loop is less than 6 positions, then space fill and left justify
Loop Seq.*	The repeat occurrence number for the loop 4 positions Right justify, zero fill
Segment Id*	Segment of semantically related elements 4 positions Left justify, space filled
Segment Seq. *	The repeat occurrence number for the segment within the loop. 4 positions Right justify, zero fill

Column	Description
Start	The starting position within the record
Length	Field length
Record Repeat	The maximum number of times the segment is allowed to repeat within the loop. Defined at segment level only, data elements will be blank
NSF	Reference to corresponding NSF record and fields