

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

Column	Description
<b>837Version 4010/4010A1</b>	
<p>Element Identifier</p> <p><b>**Color Key**</b></p>	<p>ASC X12 837 Professional X098 Implementation Guide (IG) segment and data element number – “4010” indicates used only for the 004010X098 implementation guide and “4010A1” indicates used only for the 004010X098A1 implementation guide. If the specific implementation guide is not referenced, then the item applies to both the 4010 and 4010A1 implementation guides</p> <p>Black indicates a segment or element that is acceptable for either version 4010 or 4010A1  <b>Red indicates a segment or element that it specific to version 4010</b>  <b>Blue indicates a segment or element that it specific to version 4010A1</b></p>
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
<p>Usage Req.</p> <p><b>**Color Key**</b></p>	<p>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)</p> <p>Black indicates the usage requirement for either version 4010 or 4010A1  <b>Red indicates the usage requirement for version 4010</b>  <b>Blue indicates the usage requirement for version 4010A1</b></p>
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
<p>Values</p> <p><b>**Color Key**</b></p>	<p>Valid values per IG to be reported in the data elements</p> <p>Black indicates the value(s) that is acceptable for either version 4010 or 4010A1  <b>Red indicates the value(s) that is acceptable for version 4010</b>  <b>Blue indicates the value(s) that is acceptable for version 4010A1</b></p>
X12 Page No.	IG page reference

Column	Description
<b><u>X12 Flat file</u></b>	<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*	<p>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</p>
Loop Seq.*	<p>The repeat occurrence number for the loop  4 positions  Right justify, zero fill</p>
Segment Id*	<p>Segment of semantically related elements  4 positions  Left justify, space filled</p>
Segment Seq. *	<p>The repeat occurrence number for the segment within the loop.  4 positions  Right justify, zero fill</p>
Start	<p>The starting position within the record</p>
Length	<p>Field length</p>
Record Repeat	<p>The maximum number of times the segment is allowed to repeat within the loop.  Defined at segment level only, data elements will be blank</p>
NSF	<p>Reference to corresponding NSF record and fields</p>