

REFERENCES TO COMPONENT DATA ELEMENTS

REQUEST

X12 standard in section 3.7.3.1 of X12.6 Application Control Structure specifies following designator for component data elements:

Each component data element in a composite data structure is identified by a suffix appended to the reference designator for the composite data structure of which it is a member. This suffix is a two-digit number, prefixed with a hyphen, that defines the position of the component data element in the composite data structure. For example, ... BEG04-02.

However all designations within the documentation use single digit for component data element, i.e. SVC01-1, SVC01-2, SVC01-3, SVC01-4, SVC01-5, SVC01-6, etc.

Would not SVC01-01, SVC01-02, etc be the correct way to reference component data elements ?

REFERENCED X12 STANDARDS

The following X12 Standards were reviewed in developing this interpretation:

X12.6 Application Control Structure

3.7.3.1 Reference Designator

Each simple data element or composite data structure in a segment is provided a structured code that indicates the segment in which it is used and the sequential position within the segment. The code is composed of the segment identifier followed by a two-digit number that defines the position of the simple data element or composite data structure in that segment. For purposes of creating reference designators, the composite data structure is viewed as the hierarchical equal of the simple data element. Each component data element in a composite data structure is identified by a suffix appended to the reference designator for the composite data structure of which it is a member. This suffix is a two-digit number, prefixed with a hyphen, that defines the position of the component data element in the composite data structure. For example, the third simple element of the BEG segment would be identified as BEG03 because the position count does not include the segment identifier, which is a label. If the fourth position in the BEG segment were occupied by a composite data structure that contained three component data elements, the reference designator for the second component data element would be BEG04-02.

definition:

`<ref_desig> ::= <seg_id> <digit> <digit> ["-"<digit> <digit>]`

FORMAL INTERPRETATION

The proper designation for the composite data structure must contain a suffix with two digits, i.e. SVC01-01. Any referencing in publication which does not include the proper suffix is publication errata.