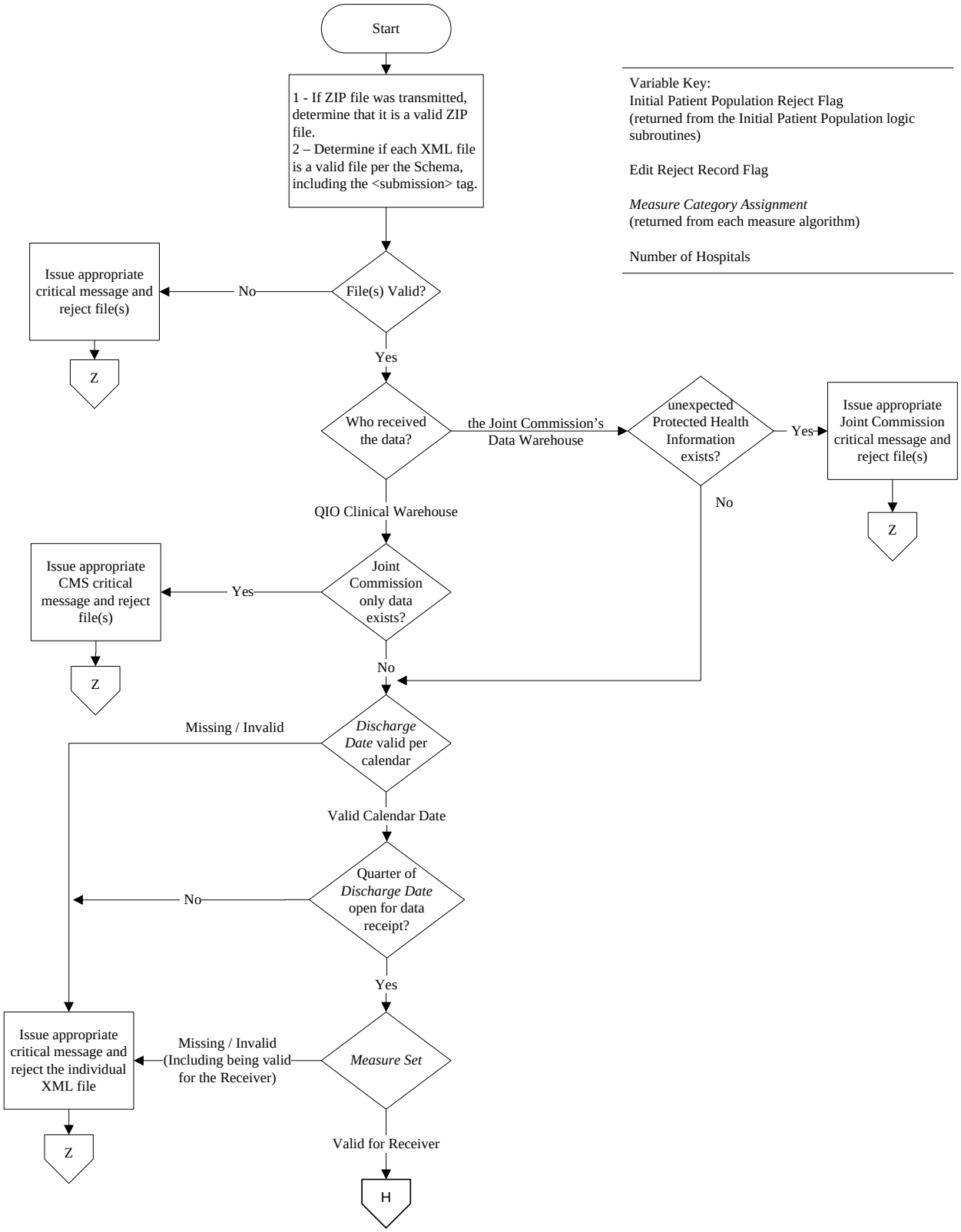
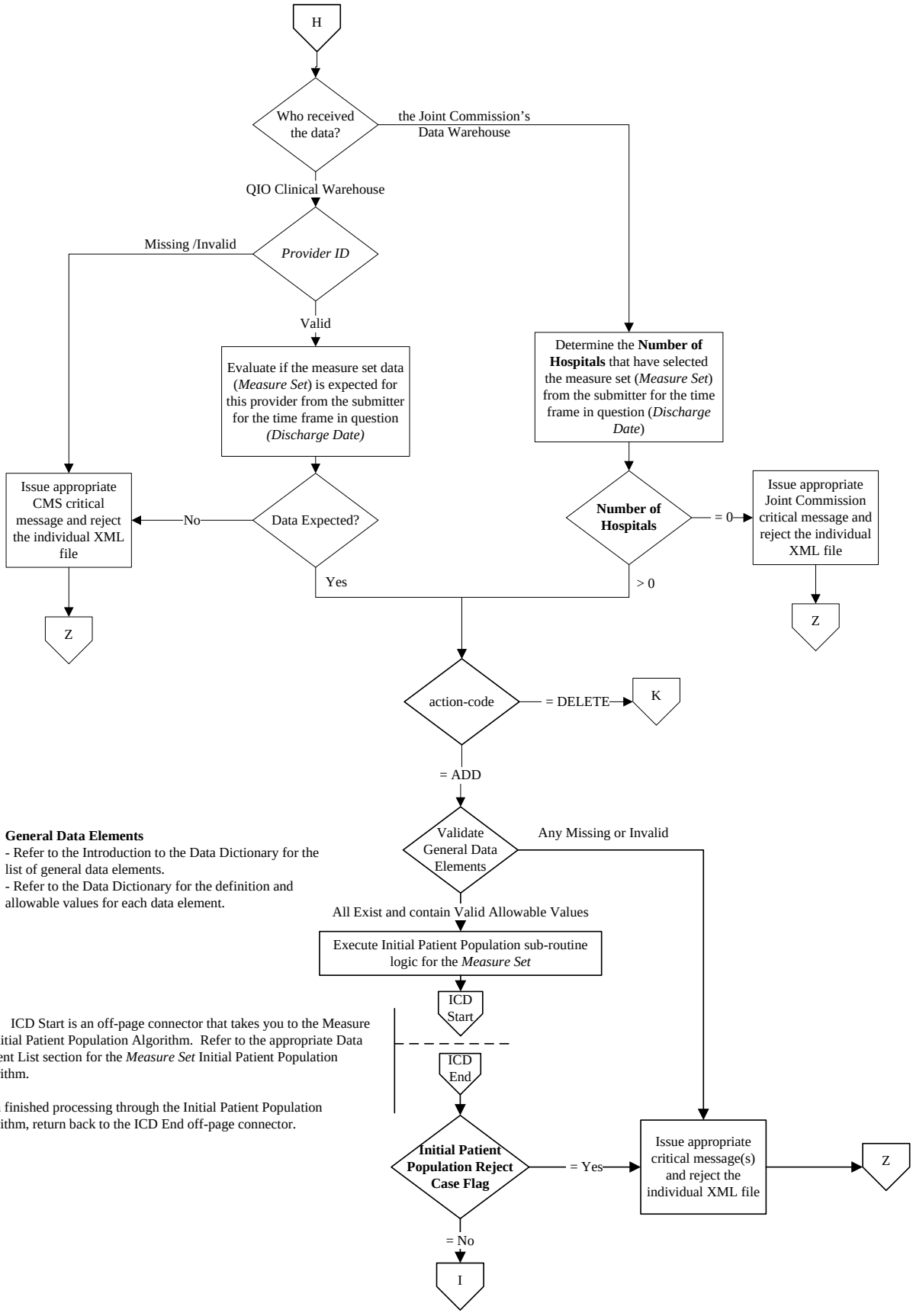
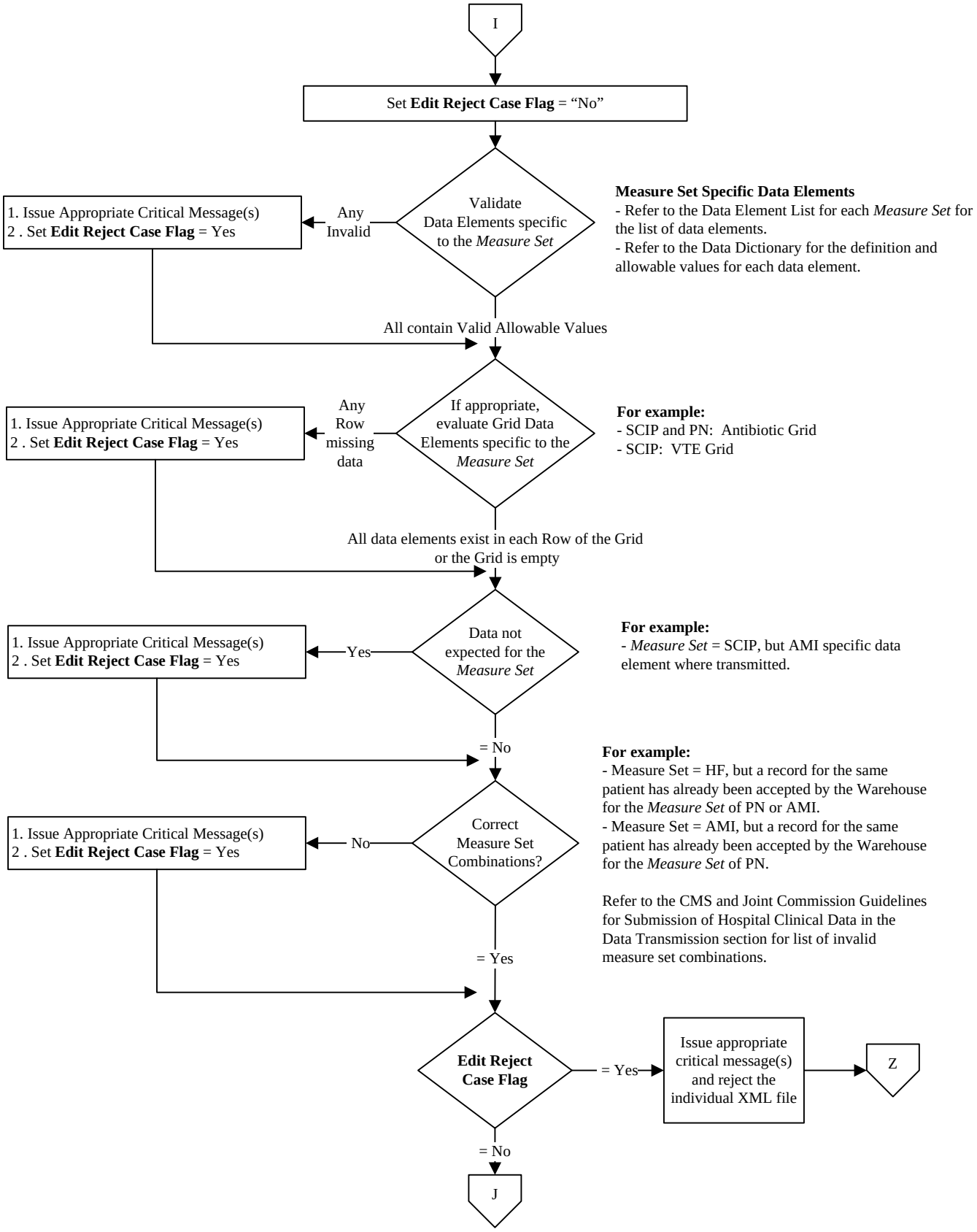
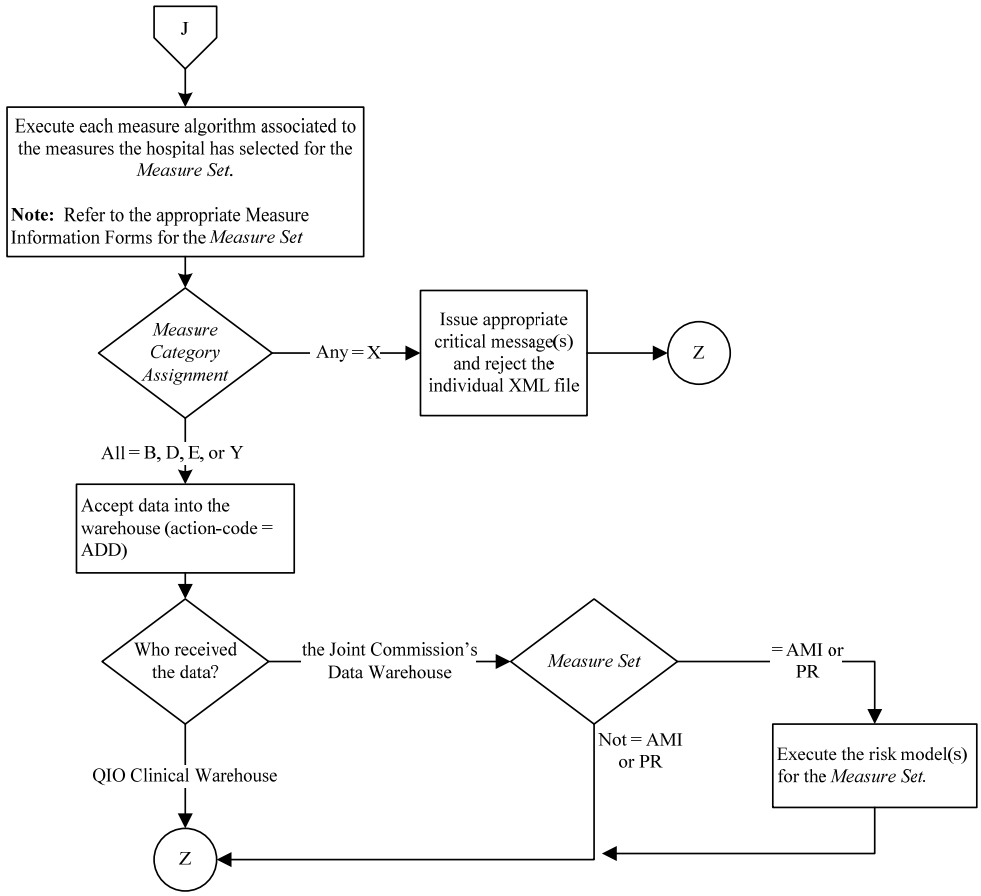
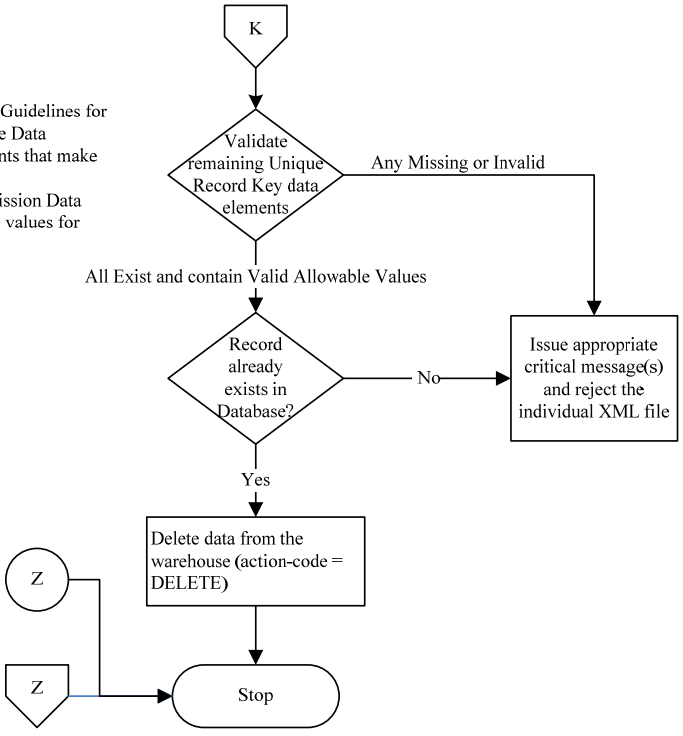
Transmission Data Processing Flow




H
Who received the data?
the Joint Commission's Data Warehouse
QIO Clinical Warehouse
Missing /Invalid
Provider ID
Valid
Evaluate if the measure set data (*Measure Set*) is expected for this provider from the submitter for the time frame in question *(Discharge Date)*
Determine the **Number of Hospitals** that have selected the measure set (*Measure Set*) from the submitter for the time frame in question (*Discharge Date*)
Issue appropriate CMS critical message and reject the individual XML file
No
Data Expected?
Number of Hospitals
= 0
Issue appropriate Joint Commission critical message and reject the individual XML file
Yes
> 0
Z
Z
action-code
= DELETE
K
= ADD
Validate General Data Elements
Any Missing or Invalid
All Exist and contain Valid Allowable Values
Execute Initial Patient Population sub-routine logic for the *Measure Set*
ICD Start
ICD End
Initial Patient Population Reject Case Flag
= Yes
Issue appropriate critical message(s) and reject the individual XML file
Z
= No
I
General Data Elements
- Refer to the Introduction to the Data Dictionary for the list of general data elements.
- Refer to the Data Dictionary for the definition and allowable values for each data element.
Note: ICD Start is an off-page connector that takes you to the Measure Set Initial Patient Population Algorithm. Refer to the appropriate Data Element List section for the *Measure Set* Initial Patient Population Algorithm.
When finished processing through the Initial Patient Population Algorithm, return back to the ICD End off-page connector.


I
Set **Edit Reject Case Flag** = "No"
Validate Data Elements specific to the *Measure Set*
Any Invalid
1. Issue Appropriate Critical Message(s)
2 . Set **Edit Reject Case Flag** = Yes
Measure Set Specific Data Elements
- Refer to the Data Element List for each *Measure Set* for the list of data elements.
- Refer to the Data Dictionary for the definition and allowable values for each data element.
All contain Valid Allowable Values
If appropriate, evaluate Grid Data Elements specific to the *Measure Set*
Any Row missing data
1. Issue Appropriate Critical Message(s)
2 . Set **Edit Reject Case Flag** = Yes
For example:
- SCIP and PN: Antibiotic Grid
- SCIP: VTE Grid
All data elements exist in each Row of the Grid or the Grid is empty
Data not expected for the *Measure Set*
Yes
1. Issue Appropriate Critical Message(s)
2 . Set **Edit Reject Case Flag** = Yes
For example:
- *Measure Set* = SCIP, but AMI specific data element where transmitted.
= No
Correct Measure Set Combinations?
No
1. Issue Appropriate Critical Message(s)
2 . Set **Edit Reject Case Flag** = Yes
For example:
- Measure Set = HF, but a record for the same patient has already been accepted by the Warehouse for the *Measure Set* of PN or AMI.
- Measure Set = AMI, but a record for the same patient has already been accepted by the Warehouse for the *Measure Set* of PN.
Refer to the CMS and Joint Commission Guidelines for Submission of Hospital Clinical Data in the Data Transmission section for list of invalid measure set combinations.
= Yes
Edit Reject Case Flag
= Yes
Issue appropriate critical message(s) and reject the individual XML file
Z
= No
J



Key Data Elements
- Refer to the CMS and Joint Commission Guidelines for Submission of Hospital Clinical Data in the Data Transmission section for list of data elements that make up the Unique Record Key.
- Refer to the Data Dictionary and Transmission Data Dictionary for the definition and allowable values for each data element.