

Data Quality Monitoring Plan



Data Element:

Parent Measure:

Primary Source:

Allowable Alternative Source:

Stakeholders:

Quality Dimension	Quality Monitoring Metric	Numerator	Denominator	Frequency
Completeness				
Correctness				
Timeliness				
Format Validity				
Uniqueness				
Acceptability				

<h3>Completeness</h3> <ul style="list-style-type: none"><input type="checkbox"/> Is the population or phenomenon of interest clearly defined?<input type="checkbox"/> Is the primary source of information clearly identified?<input type="checkbox"/> Are alternative sources of data allowable?<input type="checkbox"/> Is data element mandatory?<input type="checkbox"/> What is the impact of missing data?<input type="checkbox"/> How are missing data handled?	<h3>Timeliness</h3> <ul style="list-style-type: none"><input type="checkbox"/> Is the data going to be used concurrently or retrospectively?<input type="checkbox"/> Do measure definitions specify time parameters for data capture of this data?<input type="checkbox"/> Is the time of the event the same time it was recorded?<input type="checkbox"/> Are there alternative sources of data that could conflict?<input type="checkbox"/> What rules will be used to reconcile conflicts in the data?
<h3>Correctness</h3> <ul style="list-style-type: none"><input type="checkbox"/> Does the data element make sense in light of other knowledge about what the element is measuring?<input type="checkbox"/> What other data elements in the EHR have the same meaning?<input type="checkbox"/> What rules will be used to decide authority when values conflict?<input type="checkbox"/> How are incorrect data identified?	<h3>Format Validity</h3> <ul style="list-style-type: none"><input type="checkbox"/> Is there variation in how data is captured from different source systems or from different modules within the EHR?<input type="checkbox"/> Is a minimum and maximum field length specified?<input type="checkbox"/> Is there an authority table or value set that can be used to check data?<input type="checkbox"/> How often do authority tables or values require updates?<input type="checkbox"/> What rules will be applied to standardize data?
<h3>Uniqueness</h3> <ul style="list-style-type: none"><input type="checkbox"/> Is the data a unique identifier?<input type="checkbox"/> Is the authority source system clearly identified?<input type="checkbox"/> Do alternative sources of data exist within the organization?<input type="checkbox"/> What rules will be used to decide on the authority when values conflict?<input type="checkbox"/> How are changes made and processed?<input type="checkbox"/> How far back in the data set will changes be applied?	<h3>Acceptability</h3> <ul style="list-style-type: none"><input type="checkbox"/> How will performance measure definitions be explained to stakeholders?<input type="checkbox"/> Are stakeholders informed about the source of the data to compile results?<input type="checkbox"/> Is there a way for stakeholders to validate data findings?<input type="checkbox"/> Is there a way for stakeholders to question data findings?