DWH LTDM workshop: Day 1 – December 4

Name of Group: Data Management Standards

**Breakout Discussion 1 –**

Comment: exchange is how you achieve integration

<table>
<thead>
<tr>
<th>Recommendations</th>
<th>Significance of findings (High, Med, Low)</th>
<th>What was missed? What should be added? What should be modified?</th>
<th>Challenges</th>
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</table>
| Step 2: Develop a set of recommended data integration/exchange standards | High | -Add scope – categories of standards  
-Cross walk/Consistency with Cross TIG-MAM (control vocabularies for parameters)  
-Clarify what data integration/exchange standards are  
-Guidance for data generators- data management plan (e.g., standard of metadata). Provide detailed metadata field descriptions to meet system needs. | -Parsing out fields vs. interoperability data standards  
-Data and metadata curation |
| Step 1: Adopt/adapt/develop a data exchange format for systems | High | -Determine common data exchange fields among existing systems,  
-Compare systems (do bake off of stable/vetted exchange format)  
-Make publically available when complete,  
-Data owners cross walk fields to “data exchange format”  
-Independent of any current data system | -What are the common fields?  
-Limit number of fields (minimally viable product) |
| Make data integration/exchange standards & protocols publicly available, easily accessible via websites and up-to-date | High | -Make guidance document available to data generators  
-Field Observation template (NOAA DIVER)- to create potential exchange document |  |
| Products developed by working group should be made available users. | High | -Who are the users (agencies, public) expansive vs. constricted | -Ongoing steward ships of documents |