

Dimensions of quality in statistical & geospatial datasets

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Data Quality Frameworks

- Statistical data quality frameworks: Eurostat, Canada, Australia
- Common language
 - Go beyond accuracy
 - Describe and assess data
 - Evaluation of fit for purpose
 - Increased focus on quality



Institutional Environment

Validity - Reliability - Credibility



- **Transparency**
- **Legislation**
- **Authoritative data**
- **Independence**
- **Resources**

Relevance

*How well does this
statistical and geospatial
data answer my question?*



- **Data items**
- **Reference period**
- **Scope, scale & coverage**

Timeliness



- **Date of collection**
- **Date of release**
- **Multiple time points**

Collection —————> **Release**

Accuracy

How well the data portrays the REAL world.

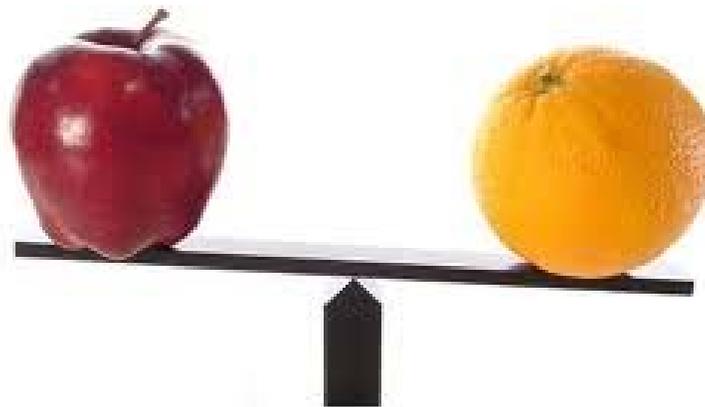


- Bias
- Error
- Census or sample
- Adjustments

Coherence

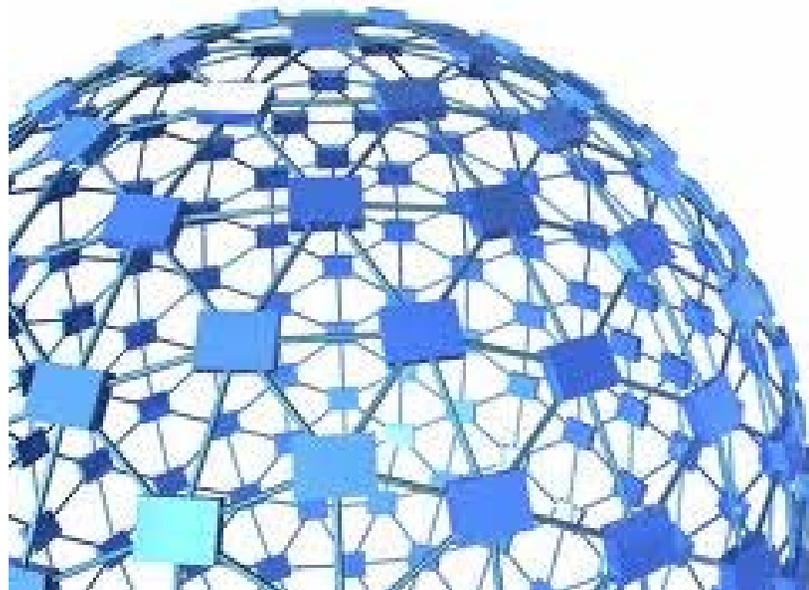
... essential for data integration

- **Standards**
- **Frameworks**
- **Changes over time**



Interpretability

= Metadata



Accessibility



- Availability/visibility
- Level of Detail Available
- Cost
- Format



Where to get more information

- **ABS website** – www.abs.gov.au
- **National Statistical Service website**
– www.nss.gov.au

