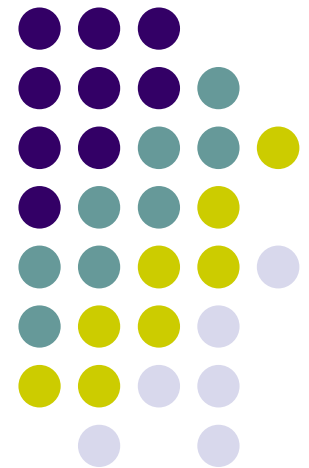
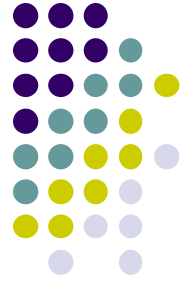


CountryData

Sharing Best Practice in the Dissemination of
National Development Indicators

MDG Data Structure Definition
and CountryData





Nature of MDGs

Covers topics from across the statistical spectrum (i.e. social, environmental and economic) as well as across time

Attracts some users with limited experience in interpreting statistics

This makes it difficult to standardize and present concisely to users

MDG Data Structure Definition



Supports exchange of MDG Indicator data between international agencies (UN, UNICEF, UNESCO, ...)

Developed by SDMX Task Team of Interagency and Expert Group on Development Indicators (IAEG)

Implemented in SDMX 2.0

MDG DSD (cont'd)



Concept
Age group
Footnotes
Frequency
Location
Nature of data points
Observation Value
Reference Area
Series
Sex
Source details
Source Type
Time Period
Time period details
Unit multiplier
Units of measurement



MDG DSD (cont'd)

Type	Concept	Format
Dim	Frequency	i.e. Annual, Quarterly, etc.
Dim	Series	Indicator title
Dim	Units of measurement	i.e. Percent, number
Dim	Location	i.e. Total, Urban, Rural
Dim	Age group	i.e. 15–49 yr olds, under 5 years old
Dim	Sex	i.e. Total, male, female
Dim	Reference Area	Country name
Dim	Source Type	i.e. Survey, census, admin.
Dim	Time Period	i.e. 1990, 1991, etc.
Mea	Observation Value	-
Att	Unit multiplier	i.e. per 10,000, per 1,000 etc.
Att	Time period details	i.e. 2001 – 2003, Q1 2010 – Q3 2011
Att	Nature of data points	i.e. Estimated, Modelled, Adjusted etc.
Att	Source details	Source name & date
Att	Footnotes	Details of methodology & other notes etc.



MDG DSD (cont'd)

Single DSD used for all MDG indicators

Support for diverse indicators means not all dimensions are applicable in all cases

- E.g. Age Group is not applicable to indicator “Telephone lines.”
- Value NA is used when an dimension or attribute is not applicable.

CountryData DSD



Based on the MDG DSD, uses the same dimensional structure (dimensions/attributes)

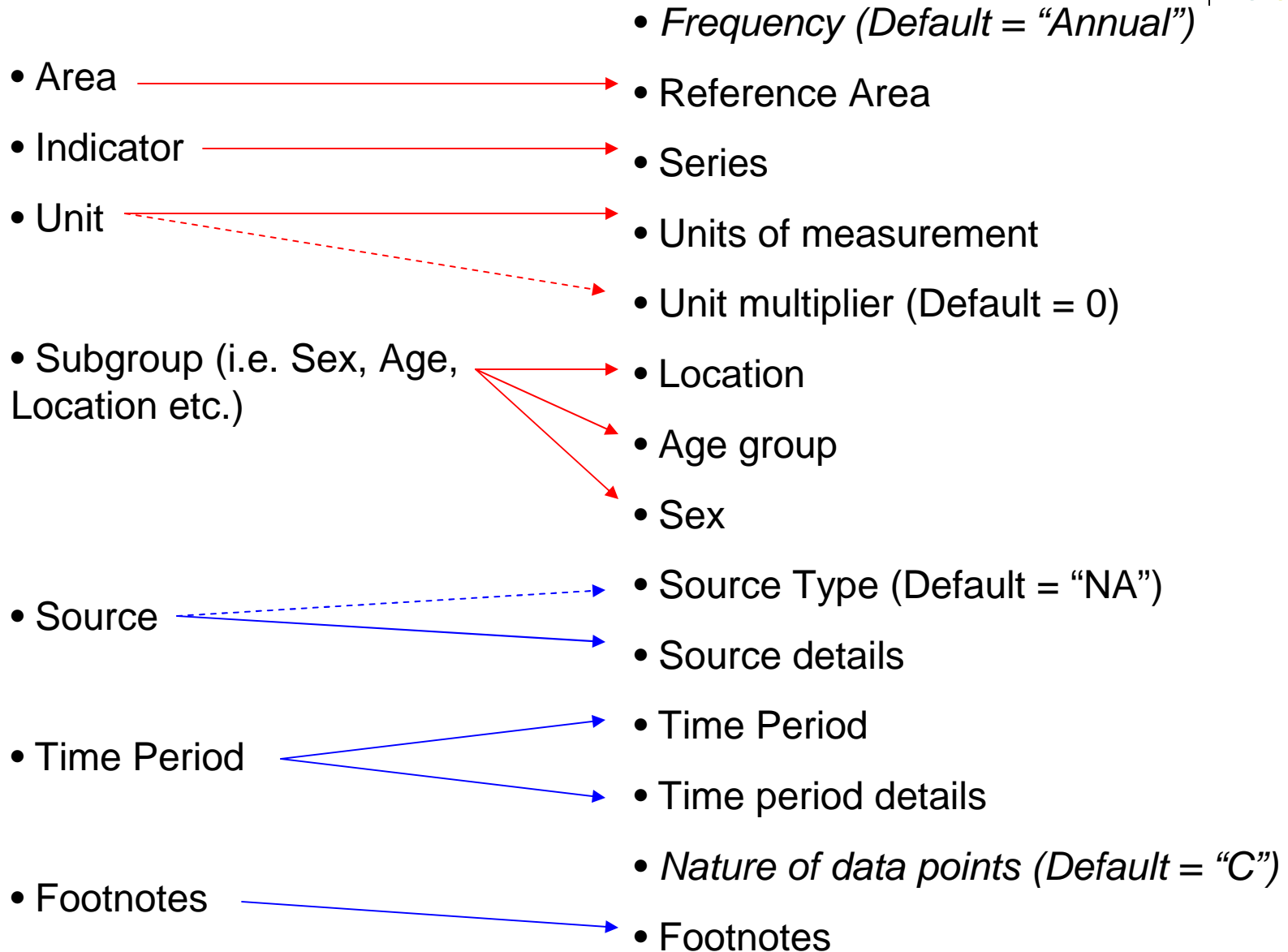
Some codelists have been extended to support non-MDG development indicators in the project

MDG/CountryData DSD: Mappings



NSO Database (i.e. DevInfo)

MDG DSD



MDG/CountryData DSD: Mappings(2)



Due to its support for heterogeneous indicators, it's not always obvious which values should be used in some dimensions

What should be SEX in indicator “Births attended by skilled personnel”:

- Not Applicable? Total? Female?

MDG/CountryData DSD: Mappings (3)



Inconsistent mappings lead to duplications and other anomalies

In CountryData, mappings for indicators/time series are agreed before data exchange