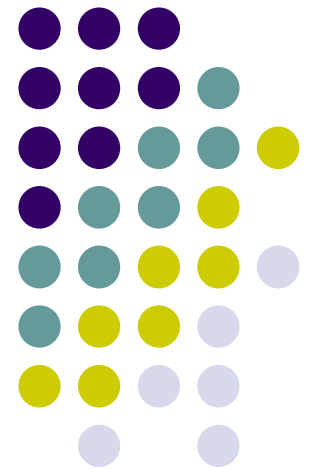# CountryData

Sharing Best Practice in the Dissemination of National Development Indicators

SDMX support in DevInfo

CountryData Project: DevInfo

- 9 out of 11 participating countries are using DevInfo platform

- DevInfo 7 (released in 2012)
  - SDMX Registry (2.1 & 2.0 compliant)
  - Mapping Tool: Provide support for integrating CountryData DSD

DevInfo Registry

- Simplified version of all the registry available
- Integrated with DevInfo 7 package
- Provide support for Data Subscribers and Data Providers
- Send notification message to all the Data Subscribers
- Supports Pull data exchange

Mapping Tool – Why?

- Supports external DSD (Data Structure Definition) such as CountryData DSD

- Tool to Map External Code list with Database Code List

- Helps generate SDMX messages which conforms to external DSD

- Simplified Web User Interface with 2 step process
  - Step1: Code List Mapping
  - Step2: Time series Level mapping (IUS)

- Supports Metadata mapping
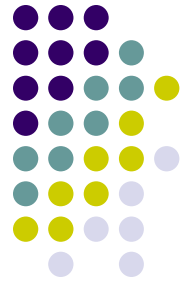
Mapping Tool – Process Step 1

- Code List Mapping

Age Code List (DSD)	
Descriptions	Code
under 1 year	015_005_Y
under 5 year	000_005_Y
10-14 yr	000_001_Y
15-24 yr	015_010_Y

Age Code List	
Descriptions	Code
15-19 yr	08522da6
under 5 year	9h4b0da0
under 1 year	Lo408300
10-14 yr	Ui522da6

Sex Code List (DSD)	
Descriptions	Code
Female	F
Male	M
Both Sex	T

Sex Code List	
Descriptions	Code
Male	t8522da6
Female	5h4b0da0
Both Sex	56408300

Indicator Code List (DSD)	
Descriptions	Code
Literacy rate	SE_ADT_1524
Infant mortality	SH_DYN_IMRT
AIDS deaths	SH_DYN_AIDS

Indicator Code List	
Descriptions	Code
Infant mortality	fe522da6
Literacy rate	g74b0da0
AIDS deaths	t7708300

Mapping Tool – Process Step 2

Time Series Mapping

Indicator	Unit		SubGroup

Literacy rate   Percent   15-24 Year   Both Sex   All Loc

SE_ADT_1524   PERCENT   015_010_Y   T   T

Indicator Code	Unit Code		Age Code	Sex Code	Location Code
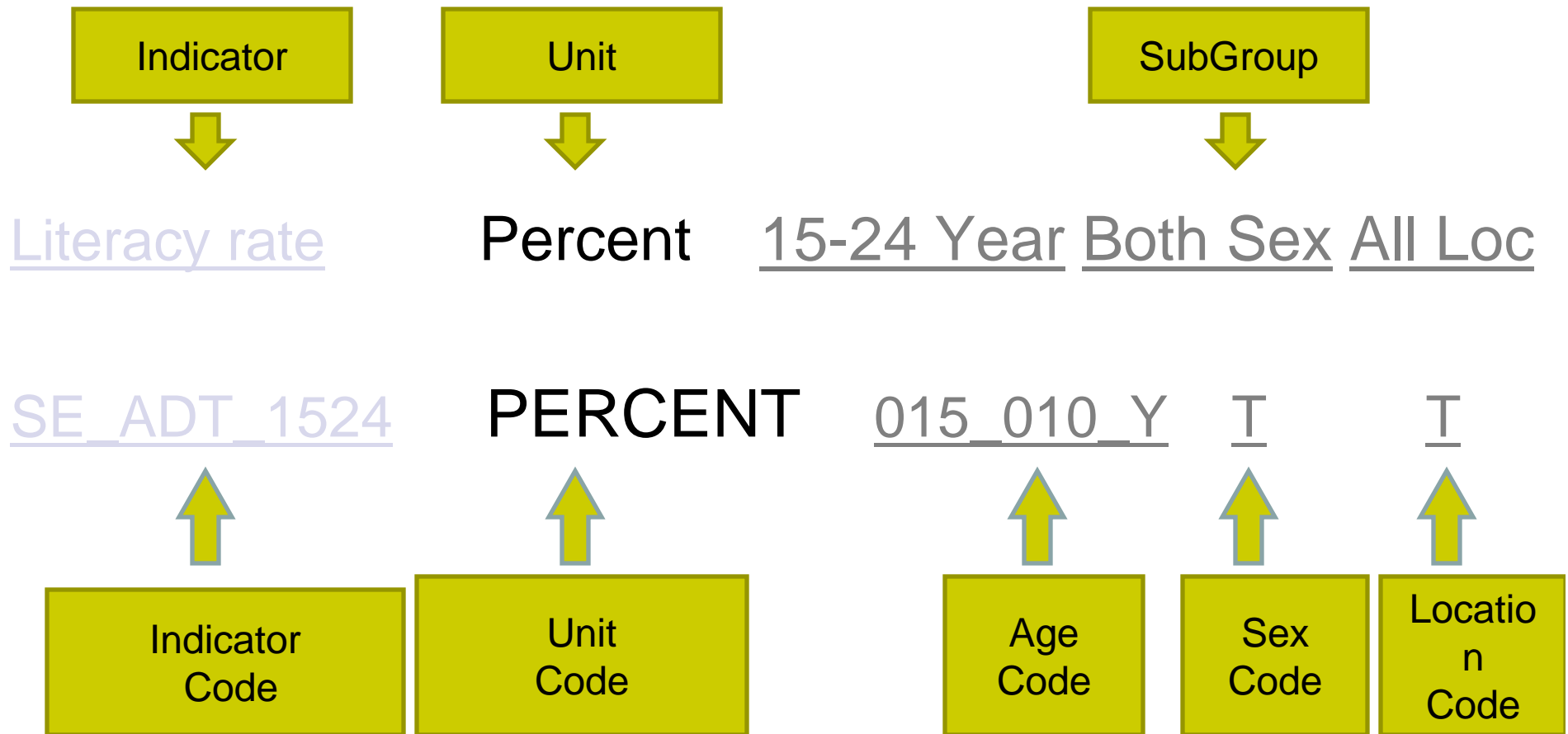
SDMX File conforming with external DSD code

Time Series	1990	1995	2000
Literacy Rate Percent 15-24 Year Both Sex	50	55	40

```
<DataSet SERIES="SE_ADT_1524" UNIT="Percent" AGE_GROUP="015_010Y" SEX="T" LOCATION="T" FREQ="A" SOURCE_TYPE="NA" REF_AREA="XYZ">
  <Obs TIME_PERIOD="1990" OBS_VALUE="50" NATURE="C" UNIT_MULT="0" TIME_DETAIL="1990" SOURCE_DETAIL="X" FOOTNOTES=""/>
  <Obs TIME_PERIOD="1995" OBS_VALUE="55" NATURE="C" UNIT_MULT="0" TIME_DETAIL="1995" SOURCE_DETAIL="X" FOOTNOTES=""/>
  <Obs TIME_PERIOD="2000" OBS_VALUE="40" NATURE="C" UNIT_MULT="0" TIME_DETAIL="2000" SOURCE_DETAIL="X" FOOTNOTES=""/>
</DataSet>
```

Demonstration