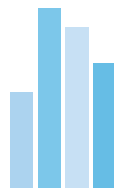


# New data cube in the Statistical Dissemination System

Minimum requirements, step by step ...



# The main steps

## Metadata

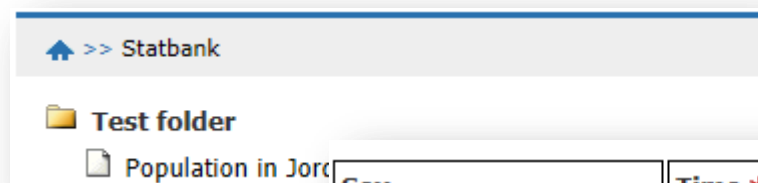
1. Define a cube
2. Define classifications
3. Define time periods
4. Combine classifications and cube
5. Add cube to selection list (tree view)

## Data

1. Create table for data
2. Insert data



# Basic test example ...



| Sex                                                                                                            | Time *                                                                                                         |
|----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| Total 3 Selected 0                                                                                             | Total 3 Selected 0                                                                                             |
| Total<br>Male<br>Female                                                                                        | 2012<br>2011<br>2010                                                                                           |
| Search <input type="text"/> <input type="button" value="▶"/>                                                   |                                                                                                                |
| <input type="checkbox"/> Beginning of row                                                                      |                                                                                                                |

Population in Jordan by sex and time

|        | 2010      | 2011      | 2012      |
|--------|-----------|-----------|-----------|
| Total  | 6,113,000 | 6,249,000 | 6,388,000 |
| Male   | 3,151,000 | 3,221,100 | 3,293,000 |
| Female | 2,962,000 | 3,027,900 | 3,095,000 |

## Information

Unit  
Persons

Latest update  
19/05/2014

# 1. Define the cube (maintable)

## Insert into:

- MainTable
  - TEST1: Population by sex and time
- Contents
  - Population, Persons (unit)
- SubTable
  - S0: Population



## 2. Define Classifications

that do not already exist

### Insert into:

- ValuePool
  - VPSEX: Valuepool for sex classification
- Value
  - T: Total, M: Male, F: Female
- ValueSet
  - VSSEX: Valueset for sex classification
- VSValue
  - Code list for VSSEX: T, M, F
- Variable
  - Sex



### 3. Define time periods

#### Insert into:

- ContentsTime
  - 2010, 2011, 2012

*Note: TimeScale and variable 'Time' should already exist, otherwise insert it. TimeScale for 'year' = 'YYYY'*



## 4. Combine Classifications and maintable

### Insert into:

- SubtableVariable
  - Rows combining:
    - TEST1 (maintable), Sex (variable), VSSEX (valueset), V (var. Type)
    - TEST1 (maintable), Time (variable), T (var. Type for time)

*Note: Now the metadata structure for the cube is finalised !*



# 5. Add cube to selection list

## Insert into:

- MenuSelection
  - Rows defining:
    - START, 01, Test folder (a new folder in the tree view)
    - 01, TEST1 (the new maintable in 'Test folder')





# Ready to add data

## 1. Create table for data

| COLUMN_NAME | DATA_TYPE          | NULLABLE | DATA_DEFAULT | COLUMN_ID | COMMENTS |
|-------------|--------------------|----------|--------------|-----------|----------|
| SEX         | VARCHAR2 (20 BYTE) | No       | (null)       | 1         | (null)   |
| TIME        | VARCHAR2 (20 BYTE) | No       | (null)       | 2         | (null)   |
| PERSONS     | NUMBER             | Yes      | (null)       | 3         | (null)   |

## 2. Insert data rows

| SEX | TIME | PERSONS |
|-----|------|---------|
| T   | 2012 | 6388000 |
| M   | 2012 | 3293000 |
| F   | 2012 | 3095000 |
| T   | 2011 | 6249000 |
| M   | 2011 | 3221100 |
| F   | 2011 | 3027900 |
| T   | 2010 | 6113000 |
| M   | 2010 | 3151000 |
| F   | 2010 | 2962000 |



# How to update data?

Add a new year, quarter or month...

## Insert:

- New time period in Timescale
  - E.g. 2013
- New data rows in data table
  - T, 2013, xxxxxxxx
  - M, 2013, yyyyyyyy
  - F, 2013, zzzzzzzz



# More features ...

## You can also add ...

- Secondary language (English)
- Footnotes
- Links
- Multiple contents in a maintable
- Multiple subtables for a maintable
- Groupings for aggregations on the fly
- Etc ...

