



UN Statistics  
Division



UNITED NATIONS  
الإحصاء  
ESCWA



# SESSION 10. UNSD COLLECTION OF VITAL STATISTICS

## UNITED NATIONS STATISTICS DIVISION

Workshop on the Principles and Recommendations for a Vital Statistics  
System, Revision 3 for Arabic-speaking countries

Muscat, Oman, 14 - 17 November 2016



# UN international demographic data collection

- Major vehicles for dissemination of population and vital statistics:
- UN Demographic Yearbook (DYB) both in print and electronic



<http://unstats.un.org/unsd/demographic/products/dyb/dyb2.htm>

- UN Data website

<http://data.un.org/>





# UN international demographic data collection



- This mandate comes from the earliest times of the Organization
- Based on sending a set of questionnaires to national statistics authorities

Workshop on the *Principles and Records*  
for Arab  
Muscat, Oman

## Data Availability Report

Show availability for:

Show

### E01 Live births by sex and urban/rural residence

<b>1930</b>
<a href="#">Romania</a>
<b>1934</b>
<a href="#">Albania</a>
<b>1935</b>
<a href="#">Albania</a>
<b>1936</b>
<a href="#">Albania</a>
<b>1937</b>
<a href="#">Albania</a>
<b>1938</b>
<a href="#">Albania</a> <a href="#">Romania</a>
<b>1939</b>
<a href="#">Albania</a>
<b>1940</b>
<a href="#">Albania</a> <a href="#">Romania</a>
<b>1941</b>
<a href="#">Albania</a>
<b>1942</b>
<a href="#">Albania</a>
<b>1945</b>
<a href="#">French Polynesia</a>
<b>1946</b>
<a href="#">Albania</a> <a href="#">French Polynesia</a>
<b>1947</b>
<a href="#">Albania</a> <a href="#">French Polynesia</a>



# Demographic Yearbook (DYB)



## Data collected

- Vital statistics
- Population estimates
- International migration
- Population and housing censuses
  - General characteristics
  - Economic characteristics
  - Housing
  - Household characteristics

## Metadata collected

- Quality
- Methods



# Vital statistics questionnaire



## Collection of tables distributed in 10 sections:

1. VS summary by urban/rural residence

2. Live births

3. Fertility rates

4. Life Tables

5. Deaths

6. Infant deaths (deaths under 1 year of age)

7. Foetal deaths and Late foetal deaths

8. Legally induced abortions

9. Marriages

10. Divorces





International comparability depends on:

- Completeness and accuracy of data
- Differences in statistical definitions
- Diverse tabulation procedures
- Figures coming from different types of sources



# How complete are the data sent from countries?

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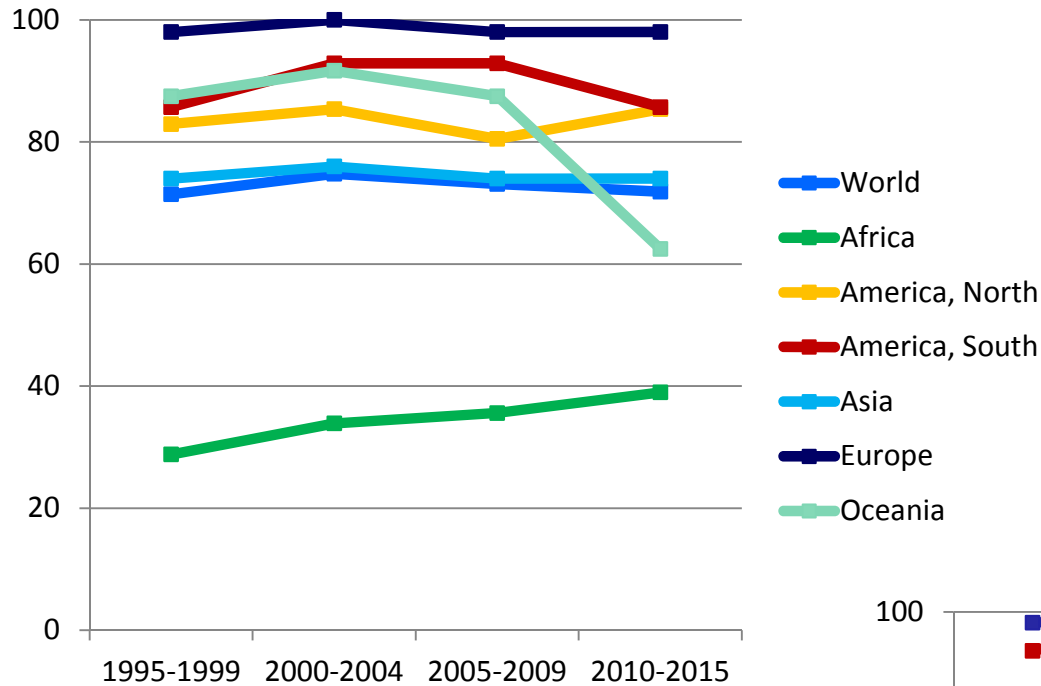
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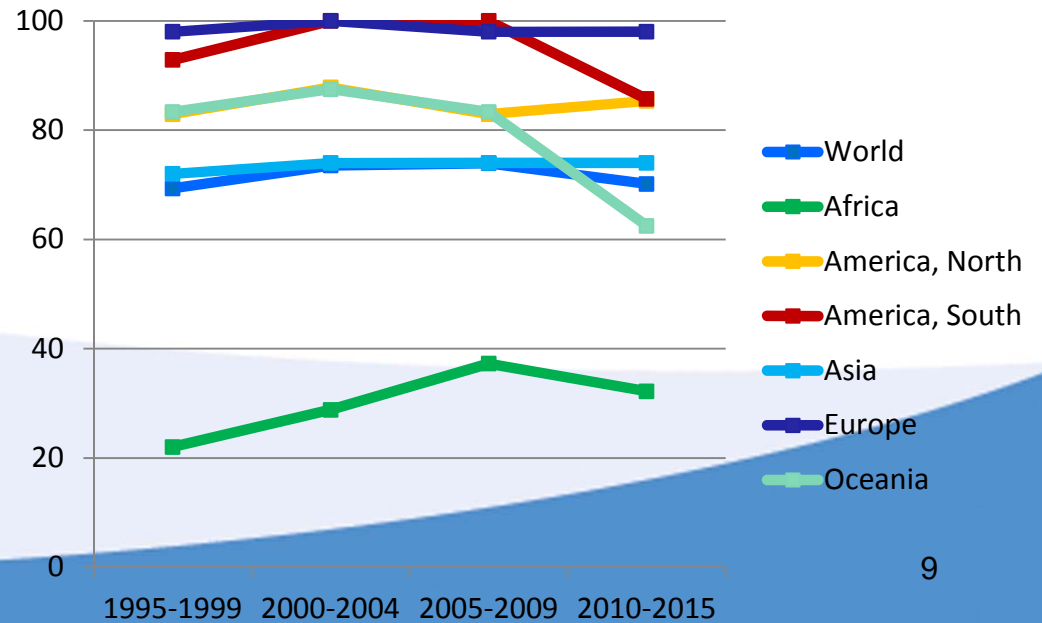




# Percentage of countries that sent data to UNSD



### Total deaths by period and region

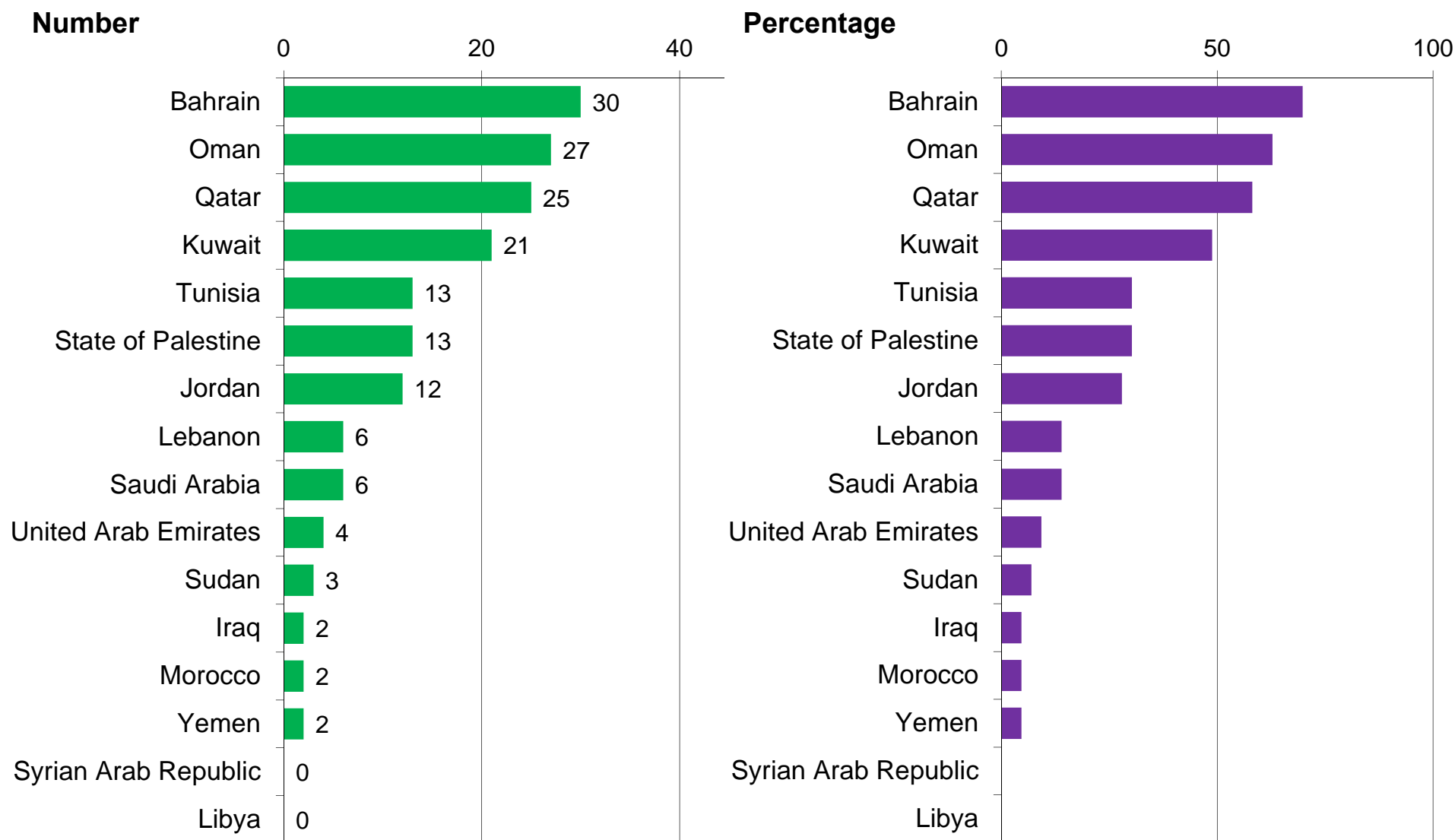


### Total births by period and region

Source: DYB database, consulted mid-October 2016



# VS tables provided in the last five years



Source: DYB database, consulted 6 November 2016



# A look at specific tables, last 5 years



**Table E01 – Live births by sex and urban/rural residence**

	2011	2012	2013	2014	2015
Bahrain	✓	✓	✓	✓	
Iraq			✓		
Jordan	✓	✓	✓		
Kuwait	✓	✓	✓	✓	
Lebanon	✓	✓	✓	✓	
Libya					
Morocco					
Oman	✓	✓	✓	✓	
Qatar	✓	✓	✓	✓	
Saudi Arabia			✓		
State of Palestine	✓	✓	✓		
Sudan					
Syrian Arab Republic					
Tunisia	✓	✓	✓	✓	
United Arab Emirates	✓	✓			
Yemen	✓	✓	✓		



# A look at specific tables, last 5 years



**Table H01 – Infant deaths by sex and urban/rural residence**

	2011	2012	2013	2014	2015
Bahrain	✓	✓	✓	✓	
Iraq					
Jordan					
Kuwait	✓	✓	✓	✓	
Lebanon					
Libya					
Morocco					
Oman	✓	✓	✓	✓	
Qatar	✓	✓	✓		
Saudi Arabia	✓	✓			
State of Palestine	✓	✓	✓		
Sudan					
Syrian Arab Republic					
Tunisia	✓	✓	✓	✓	
United Arab Emirates	✓	✓			
Yemen	✓	✓	✓		



# A look at specific tables, last 5 years



**Table G02 – Deaths by age and sex (and urban/rural residence)**

	2011	2012	2013	2014	2015
Bahrain	✓	✓	✓	✓	
Iraq					
Jordan					
Kuwait	✓	✓	✓	✓	
Lebanon					
Libya					
Morocco					
Oman	✓	✓	✓	✓	
Qatar	✓	✓	✓		
Saudi Arabia					
State of Palestine		✓	✓		
Sudan					
Syrian Arab Republic					
Tunisia					
United Arab Emirates					
Yemen					



# What is the quality of data sent from countries?

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for Arabic-speaking countries

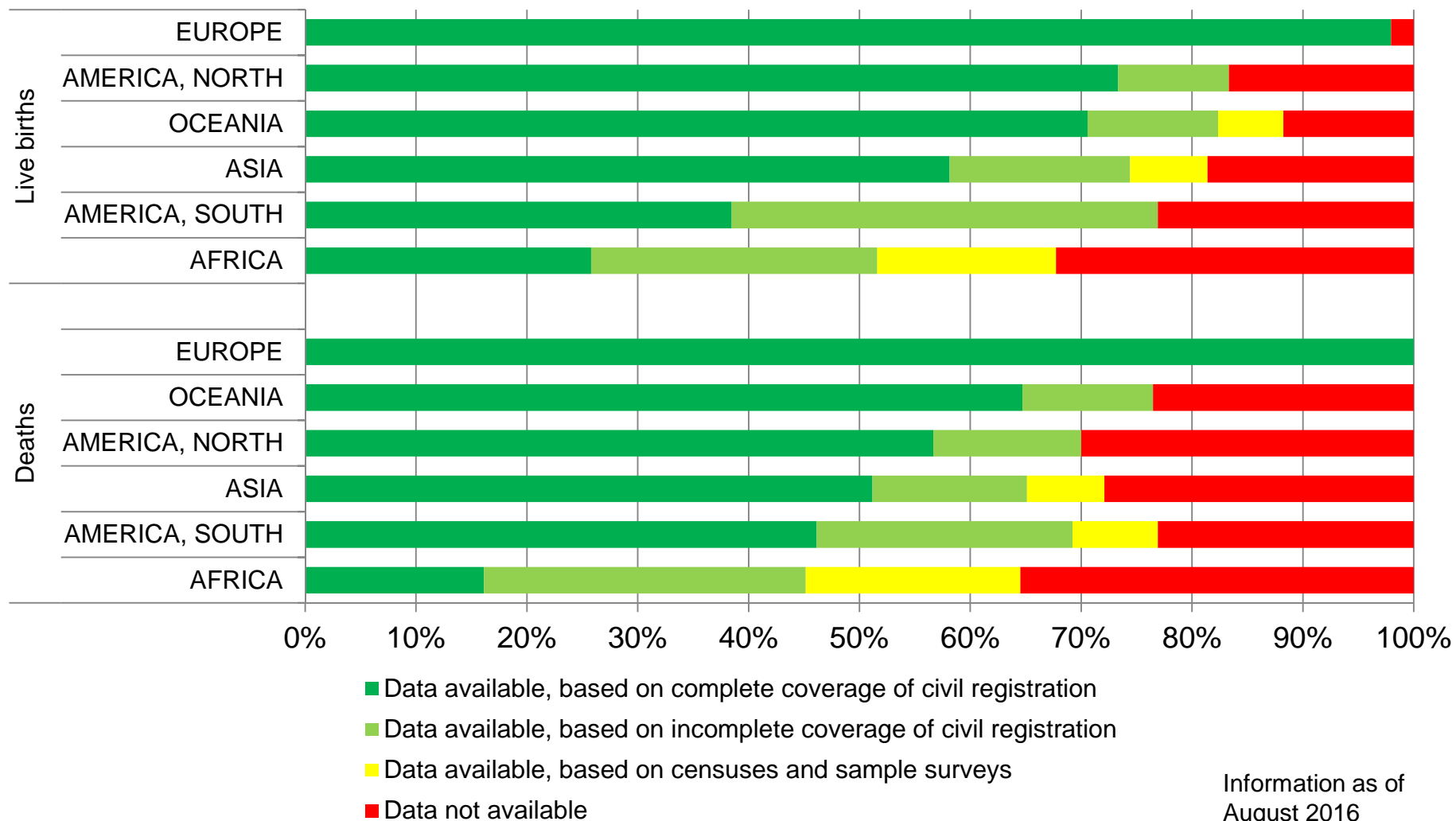
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# Availability and quality of VS



## Percentage of countries





# Availability and quality of VS



Level of completeness (%)	Births	Deaths
90 +	Armenia, Bahrain, China, Hong Kong SAR, China, Macao SAR, Cyprus, Iran (Islamic Republic of), Israel, Japan, Kyrgyzstan, Malaysia, Maldives, Qatar, Republic of Korea, Singapore, Sri Lanka, Tajikistan, Turkey, Egypt, Mauritius, Réunion, Saint Helena, Seychelles, South Africa	Bahrain, China, Hong Kong SAR, China, Macao SAR, Cyprus, Iran (Islamic Republic of), Israel, Japan, Kyrgyzstan, Malaysia, Maldives, Qatar, Republic of Korea, Singapore, Sri Lanka, Turkey, Egypt, Mauritius, Réunion, Saint Helena, Seychelles
75-89	Brunei Darussalam, Thailand, Botswana, Namibia	Brunei Darussalam, Tajikistan, Botswana, South Africa
50-74	Gambia, Ghana, Kenya, Morocco	Morocco, Namibia
< 50	Malawi, Uganda, Zambia	Ghana, Kenya, Malawi

Information as of February 2015

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# Importance of providing data and metadata for dissemination



Enabling social and public health studies

Informed decisions

Representation in the international setting

International comparability





Gracias Thank You  
Merci Спасибо  
شكرا 谢谢

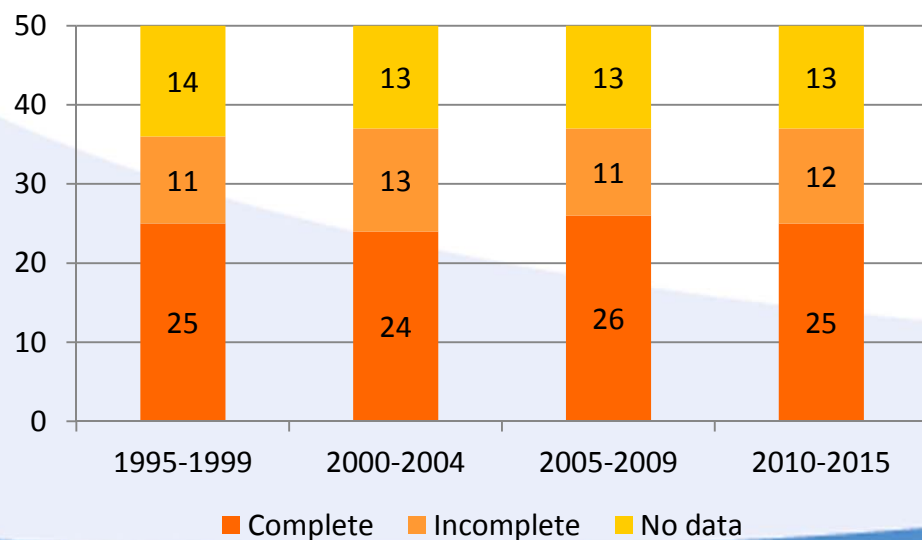
[demostat@un.org](mailto:demostat@un.org)  
[dybquest@un.org](mailto:dybquest@un.org)



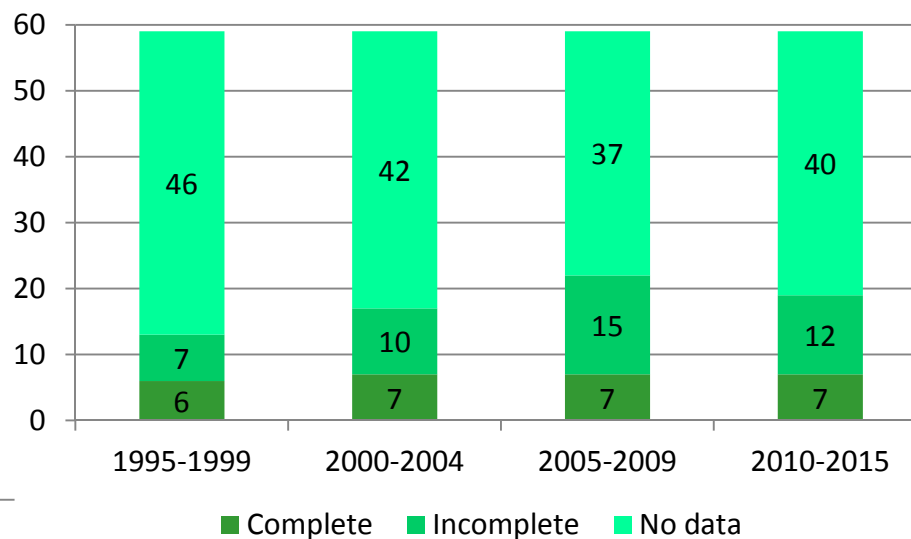
# Availability and quality of VS



Asia. Number of countries/areas reporting total deaths



Africa. Number of countries/areas reporting total deaths

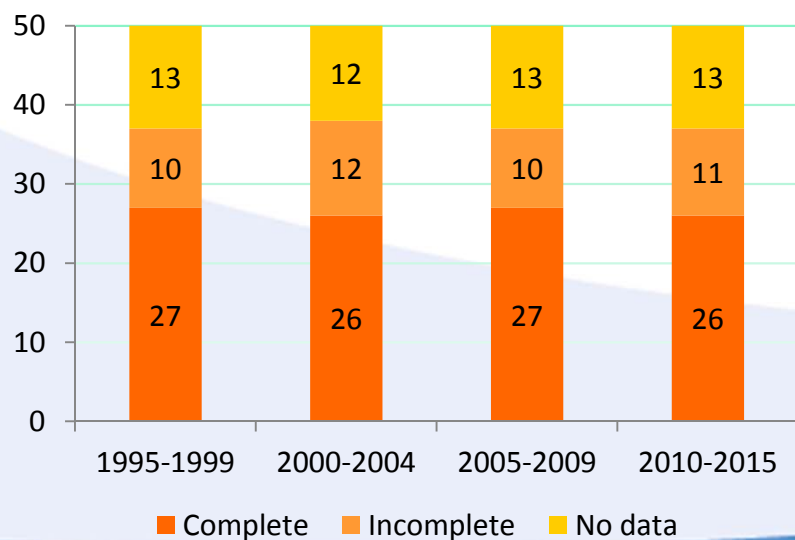




# Availability and quality of VS



Asia. Number of countries/areas reporting total births



Africa. Number of countries/areas reporting total births

