

UIS Indicators in the Culture|2030 Indicators

Lydia Deloumeaux, UIS, Statistician
Culture statistics

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Four UIS indicators on the Culture|2030 Indicators

□ Part 1

- Indicator 1: Expenditure on heritage: SDG 11.4.1
- Indicator 4: Cultural facilities: component on number of cinemas

□ Part 2

- Indicator 7: Cultural employment
- Indicator 10: Trade in cultural goods & services

Part 1

Indicator 1: Expenditure on heritage

SDG 11.4.1

SDG Indicator 11.4.1

Total expenditure per capita spent on the preservation, protection and conservation of all cultural and natural heritage, by source of funding (public, private), type of heritage (cultural, natural) and level of government (national, regional and local/municipal)

This indicator illustrates how financial action by public authorities, at the local, national and international levels, alone or in partnership with civil society organisations (CSO) and the private sector, to protect and safeguard cultural and natural heritage has a direct impact on safeguarding heritage and in making cities and human settlements more sustainable.

| | |
|----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
|  <p>11 SUSTAINABLE CITIES AND COMMUNITIES</p> | <p>Make cities and human settlements inclusive, safe, resilient and sustainable</p> |
| | <p>Target 11.4</p> <p>Strengthen efforts to protect and safeguard the world's cultural and natural heritage</p> |

Status of the SDG Indicator 11.4.1

- ❑ UIS custodian agency
 - ❑ [Metadata of the indicator 11.4.1](#)
- ❑ Coordination process
 - ❑ Inter-Agency and Expert Group on Sustainable Development Goal Indicators (IAEG-SDGs)
 - ❑ SDG focal points within National Statistical Offices
 - ❑ Countries have already committed to produce this indicator as part of the SDG Global Agenda
- ❑ UIS will launch of the first data collection cycle from Member States at the end of June 2020

SDG Indicator 11.4.1 Methodology

$$\text{HCExp per capita} = \frac{\sum \text{Exp}_{pu} + \text{Exp}_{pr}}{\text{Population}} * \text{PPPf}$$

HCExp per capita = Expenditure per inhabitant in heritage in constant PPP\$

HC Exp = Expenditure on Preservation, Protection and Conservation of all cultural and/or natural heritage

Exp_{pu} = Sum of public expenditure by all levels of government on the preservation, protection and conservation of cultural and/or natural heritage

Exp_{pr} = Sum of all types of private expenditure on the preservation, protection and conservation of cultural and/or natural heritage

PPPf: Purchase Power Parity= PPP Constant \$ conversion factor

Based on international standards

- ❑ Manual Government Finance Statistics, IMF, 2014
- ❑ 2009 UNESCO Framework for cultural statistics, UNESCO-UIS, 2009
- ❑ Classification of the Function of the Government (COFOG)
- ❑ International Standard Industrial Classification of all Economic Activities Revision 4 (ISIC Rev. 4)
- ❑ Recommendation concerning the International Standardization of Statistics on the Public Financing of Cultural Activities, UNESCO, 1980
- ❑ What is Official Development Aid?, OECD , April 2019

National or international data sources

Data Sources

National Accounts

Cultural satellite accounts

Household Surveys

Administrative Data

Dedicated Heritage Statistics Surveys

ODA

Potential Data producers

National Statistical Office

Ministry of culture

Ministry of environment

Ministry of finance

Private companies for sponsorship

NGO

Foundations etc.

Issues to consider

- ❑ Transfer between level of governments: need to avoid double counting
- ❑ Lack of private data on heritage expenditure
- ❑ Difficult to estimate gaps on private data
- ❑ Need a clear definition distinguishing Rural from urban settings
- ❑ Alternative data: budget data

Indicator 1 Results from the pilot survey 2017

| Main indicator | Indicator labels | Indicators SDG 11.4.1 in US\$ PPP | | | | | | |
|---------------------|----------------------------------------------------------|-----------------------------------|------------|------------|------------|--------------|-------------|----------------|
| | | Canada | China | Egypt | Germany | Kazakhstan | Mexico | Nigeria 2010 |
| By type of heritage | Public heritage expenditure per capita | Q | 13 | 18 | 61 | 0.003 | 0.015 | 0.0014 |
| | Private heritage expenditure per capita | Q | M | M | M | 0.006 | 0.004 | M |
| | SDG Indicator 11.4.1: public + private per capita | Q | 13* | 18* | 61* | 0.009 | 0.02 | 0.0014* |
| | | Indicators SDG 11.4.1 in US\$ | | | | | | |
| By type of heritage | Public heritage expenditure per capita | Q | 7 | 3 | 51 | 0.0009 | 0.006 | 0.0003 |
| | Private heritage expenditure per capita | Q | M | M | M | 0.0015 | 0.001 | M |
| | SDG Indicator 11.4.1: public + private per capita | Q | 7* | 3* | 51* | 0.002 | 0.01 | 0.0003* |

* = partial;
M = missing
Q = confidential

Indicator 4: Cultural facilities

Number of cinemas

Indicator 4 on cultural facilities: one component cinema facilities

This indicator aims to assess the diversity of cultural facilities and their distribution with a territorial approach. It enables the identification of cultural areas in relation to the population, transport, administration, and economic centres.

Number of cinema facilities: sum of all indoor cinema sites at country level

National Data Sources and definition

Data Providers:

National statistical offices,
Agency of cinematography
Ministry of culture and/or Communication/ media

Definition: Indoor cinema site: A permanent/fixed commercial business installation primarily engaged in the commercial projection of cinematographic audiovisual works in 35 mm and digital format using a minimum of 1.3K resolution

Issues to consider

- ❑ Other types of cinema that are excluded from the definition
 - ❑ **Other cinema facilities:** Other commercial installations using video projection equipment or 16 mm projection equipment or below. It also covers art cinemas, mobile unit cinemas and outdoor cinemas (such as drive-ins)
- ❑ More countries have data on number of screens rather than number of cinema sites
- ❑ UIS does not have data on floor space areas

Indicator 4 Data table: Cinema facilities

| Time | 2011 | | 2012 | | 2013 | | 2014 | | 2015 | | 2016 | | 2017 | |
|------------------------|--------------------------------|-------------------------|--------------------------------|-----------------------|--------------------------------|-----------------------|--------------------------------|-----------------------|--------------------------------|-----------------------|--------------------------------|-------------------------|--------------------------------|-------------------------|
| | Total number of indoor cinemas | Total number of seats | Total number of indoor cinemas | Total number of seats | Total number of indoor cinemas | Total number of seats | Total number of indoor cinemas | Total number of seats | Total number of indoor cinemas | Total number of seats | Total number of indoor cinemas | Total number of seats | Total number of indoor cinemas | Total number of seats |
| Country | | | | | | | | | | | | | | |
| Algeria | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 80 | 32,400 | 80 | 32,400 |
| Angola | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 9 | 1,456 | 9 | 1,456 |
| Azerbaijan | 10 | 3,376 | 9 | 3,666 | 10 | 5,312 | 7 | 3,691 | 10 | 4,633 | 11 | 7,604 | 9 | 10,192 |
| Belize | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 | 753 | 2 | 753 |
| Bosnia and Herzegovina | .. | .. | 37 | .. | 32 | .. | 10 | 4,300 | 11 | 4,300 | 11 | 4,300 | 11 | 4,300 |
| Burkina Faso | .. | .. | .. | .. | .. | .. | 9 | .. | 9 | .. | .. | .. | .. | 4,800 |
| Cambodia | 7 | 3,850 | .. | .. | .. | .. | 6 | 4,500 | 8 | 5,600 | 12 | 6,881 | 12 | 6,881 |
| Chile | 66 | 59,236 | 66 | 63,139 | 62 | 65,462 | 65 | 68,759 | 68 | 72,895 | 60 | 77,069 | 65 | 82,610 |
| Colombia | 150 | 122,712 | 157 | 131,522 | 184 | 151,562 | 193 | 161,168 | 200 | 170,764 | .. | 180,905 | .. | 193,982 |
| Costa Rica | .. | .. | 19 | 16,214 | 21 | 18,769 | 20 | 20,600 | 29 | 21,789 | 32 | 21,798 | 33 | 23,314 |
| Croatia | 68 | 34,046 | 66 | 33,651 | 65 | 33,652 | 59 | 30,837 | 65 | 31,554 | 63 | 31,385 | 64 | 33,333 |
| Czechia | 473 | 146,813 | 482 | 140,768 | 475 | 135,610 | 473 | 134,687 | 469 | 132,929 | 280 | 130,099 | 288 | 136,063 |
| Denmark | 161 | 57,000 | 163 | 59,000 | 161 | 59,000 | 160 | 59,000 | 161 | 60,000 | 163 | 61,189 | 166 | 63,000 |
| Dominican Republic | .. | .. | .. | .. | .. | .. | 32 | 30,863 | 31 | 31,552 | 28 | 33,944 | 29 | 33,944 |
| Eritrea | .. | .. | 11 | .. | 9 | .. | 9 | .. | 9 | .. | 9 | 1,200 | 9 | 1,200 |
| Gabon | 7 | 2,733 | 3 | 1,550 | 3 | 1,550 | .. | .. | .. | .. | 2 | 698 | 2 | 698 |

Source: UIS, [Feature film statistics](#)

Part 2

Indicator 7: Cultural employment

Indicator 7: Cultural employment

Number of people employed in the cultural and creative sectors and holding a cultural occupation as a percentage of overall employment for the latest year.

This indicator aims to assess the role of culture as an “employer” at the national and local level as well, as the vitality and dynamism of the culture sector and its potential in improving the material welfare of those employed in it.

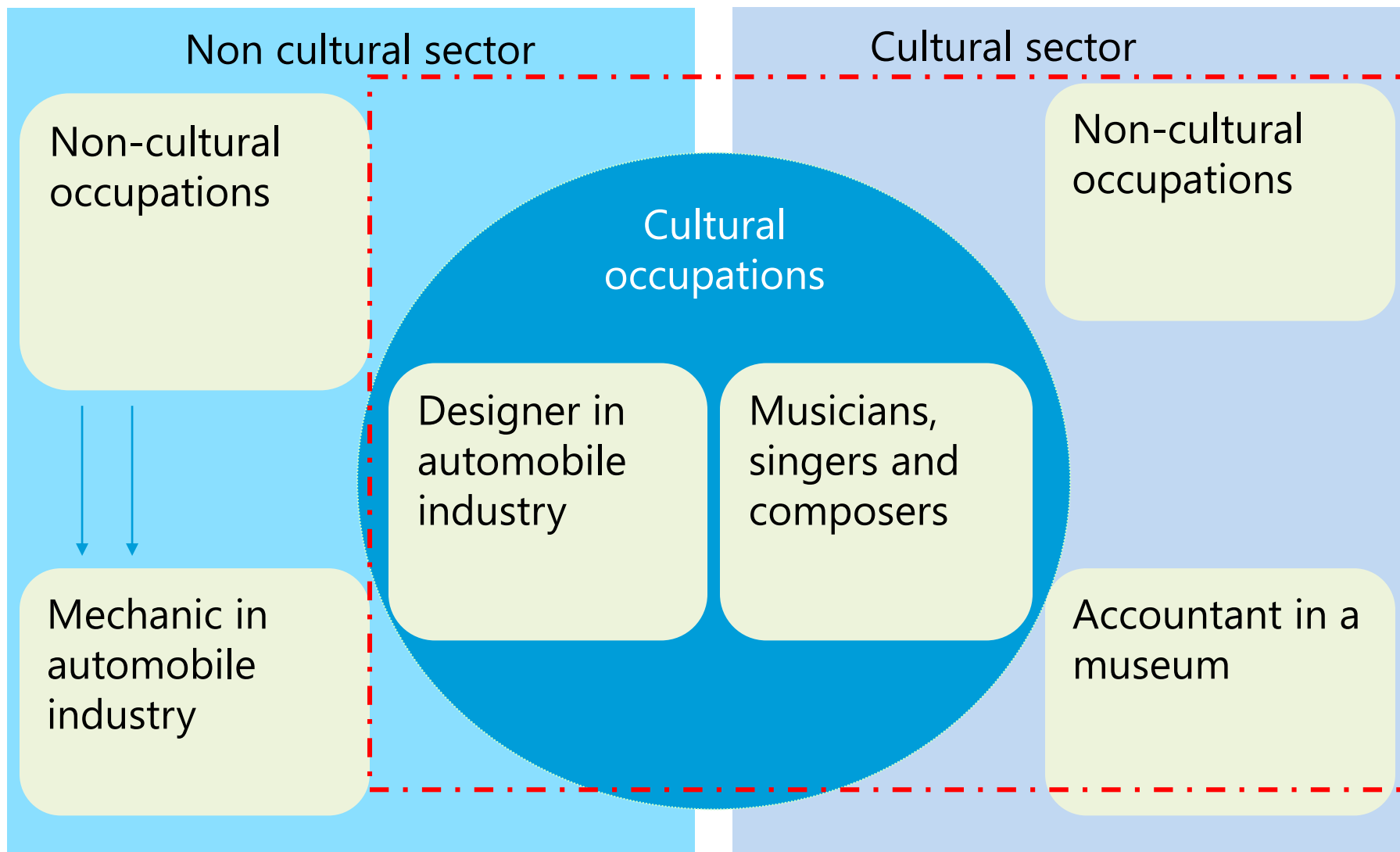
$$CEP_o = \frac{\sum_i^n CE_{isico\ codes}}{EP}$$

CEP_o is the percentage of people engaged in cultural occupations;

$CE_{isico\ codes}$ is the total number of people employed in cultural occupations according to the selected International Standard Classification of Occupations (ISCO) codes; (or ISIC codes - see below - where occupation data is not available);

EP is the total number of the employed population.

Cultural employment: What do we measure? Activities in cultural occupations



FSC 2009 cultural employment approach

| | Cultural Industries | Non- Cultural Industries |
|--------------------------|---------------------|--------------------------|
| Cultural occupations | A | B |
| Non-cultural occupations | C | |

Cultural occupations



Ex: visual and performing artists, musicians, film directors, editors, librarians, architects, craftsmen, arts teachers and designers

Employment in **cultural industries** includes



Ex: those working in companies, enterprises and establishments dedicated to cultural activities such as publishing houses, theater companies, television and broadcasting enterprises, crafts workshops, art schools, bookstores, museums and libraries

National Data Sources

- ❑ Labour Force survey
 - ❑ Census
 - ❑ Special surveys dedicated to cultural employment,
 - ❑ Administrative sources,
 - ❑ Business Registers,
 - ❑ Income taxes,
 - ❑ Household Income and Expenditure Surveys,
 - ❑ Industrial, service, commercial and agriculture surveys and censuses, Living standard measurement surveys,
 - ❑ Private sources
-

International standards and classifications

- ❑ Use the 2009 Framework for cultural statistics definitions
- ❑ International (or nationally compatible) classifications at 4-digit or 3-digit minimum
- ❑ International Standard Classification of Occupations 08: ISCO-08 (4 digit ideal, 3 digit)
- ❑ International Standard Industrial Classification of All Economic Activities: ISIC Rev.4
- ❑ National classification more detailed
 - ❑ Ex: India adaptation of ISCO at 6-digit, many codes related to handicraft

India National Classification of Occupations-2004- Link with ISCO

7332 Handicraft Workers in Textiles, Leather and Related Materials

7332.10 Candle Maker

7332.20 Candle Moulder

7332.30 Carpet Weaver (Carpet & Rug)

7332.40 Knitting- Machine Operator, Automatic

7332.50 Hand Printer, Textile

7332.60 **Hand Dyer**

7332.70 **Penciller (Woollen Textile)**

7332.80 Repairer, Fabrics

7332.90 **Handicraft Workers in Textiles, Leather and Related Materials, Other**

2454 Choreographers and Dancers

2454.10 **Choreographer**

2454.20 Nattuvan

2454.30 **Dancer**

2454.90 **Choreographers and Dancers, Other**

Activities to exclude

Cultural consumption, culture practices

Ex:

- Playing a musical instrument, visiting a museum
- Activities of communities like ritual dance
- Services provided between households or non-paid services offered to the community by non professional artists



Other data collection instruments

Ex:

- Cultural participation survey
- Time Use Survey
- Visitor Survey



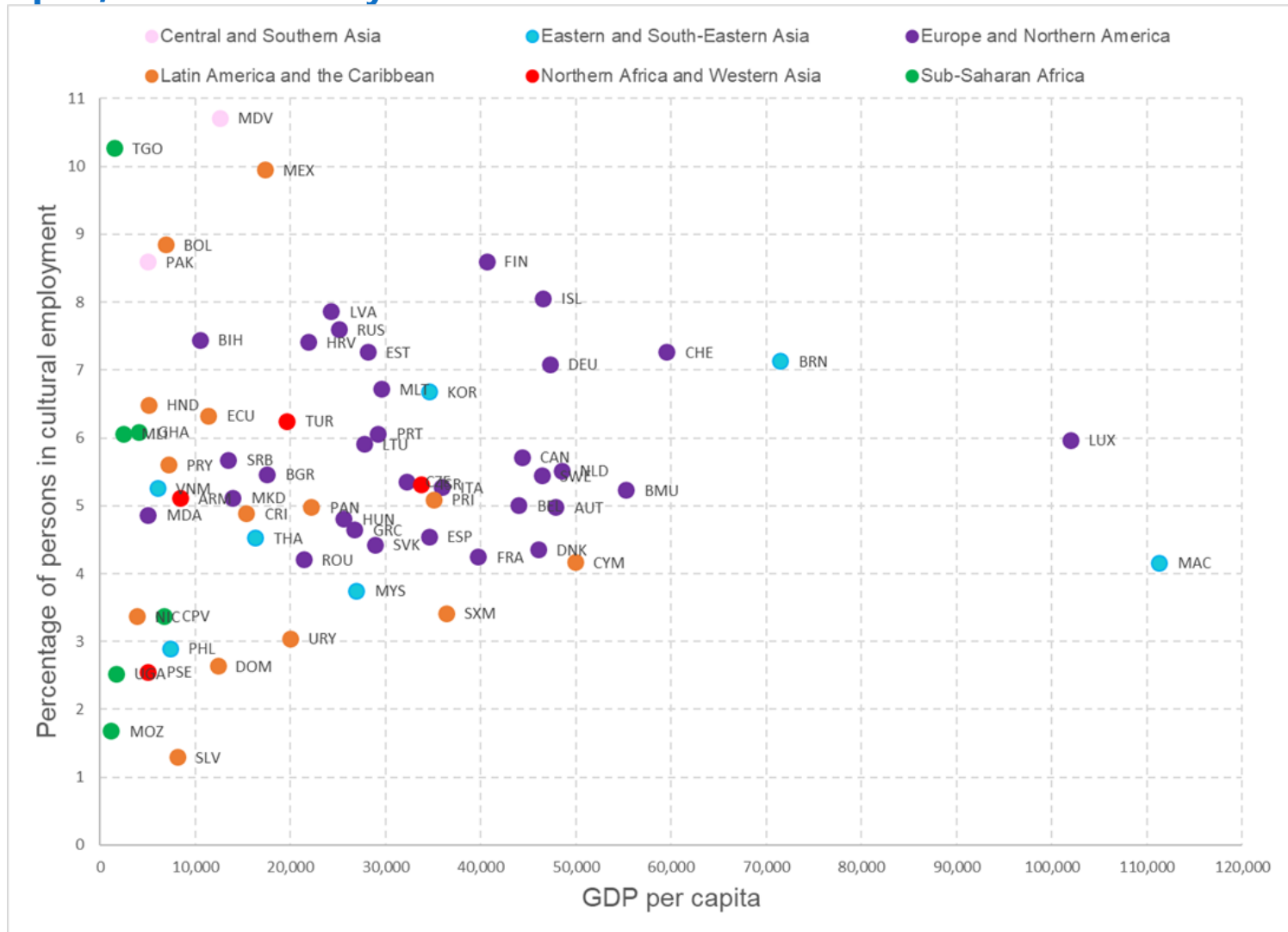
Other classification

- ICATUS

Issues to consider

- ❑ Labour Force Survey: most reliable source when level of disaggregation is available, but may be irregular
 - ❑ Can provide information by sex disaggregated level and socio demographic status (age, level of education)
- ❑ Census can be an alternative source however may not include data by industry nor data by status on employment
- ❑ Estimations are challenging because based on sample and work at micro level and issues of confidentiality: Need weighted estimations
- ❑ Difficult to estimate the non cultural component of a code: Number of cultural teachers at tertiary level or secondary levels
- ❑ National classification may offer additional breakdown to identify the cultural component of some codes.

Indicator 7: Percentage of persons in cultural employment by GDP per capita, 2015 or latest year available



Source: UIS 47, 2017 [Factsheet Precarious situation for women working in the field of culture](#)

UIS resources on cultural employment

- ❑ [UIS Cultural employment Web page](#)
- ❑ **UIS Survey on cultural employment**
 - ❑ [Main questionnaire](#)
 - ❑ [Metadata questionnaire](#)
 - ❑ [Instruction manual](#)
 - ❑ [Summary Report of the 2013 UIS Cultural Employment Metadata Survey](#)

Indicator 10: Trade in cultural goods & services

Indicator 10: Trade in cultural goods and Services

Exports of cultural goods and services as a percentage of all exports.

This indicator aims to assess the degree to which products as expressions of culture are exported reflecting both the economic demand, the international profile of the country/city's cultural products and services, and the regulatory environment to enable this.

$$\text{TCCS} = \frac{\sum_1^N \text{ECG} + \sum_1^N \text{ECS}}{\text{TGS}}$$

ECG = Exports of the sum of all cultural goods

ECS = Exports of the sum of all cultural services

TGS = Total exports of goods and services

National Data Sources: Two distinctive data sets

Data Sources: Customs statistics based on the Harmonised classification for cultural goods

Services statistics: BOP Statistics, Business Surveys; Household Surveys; Administrative data; Public services data; and Information collected via partner countries and international organizations (WTO)

Scope: all cultural goods and services that circulated within a national territory for a given year

Source of cultural goods data: Customs system

Goods classified by their observable physical characteristics and not according to the status of national content, cultural value or other similar criteria

Customs data do not capture the symbolic value of cultural goods

Trade in goods that physically enter or leave the country

The actual market value of cultural goods is often considered far more important than the declared value at customs

Cultural services trade : Key components from EBOPS

| BPM6 | EBOPS | Labels |
|-------------------------------------------|----------|-----------------------------------------------------------------------|
| Core cultural services | | |
| 1.A.b.8. | 8.4.1 | Licenses to reproduce and/or distribute audio-visual products |
| | 8.4.2 | Licenses to reproduce and/or distribute related products ¹ |
| 1.A.b.9.3. | 9.3.1 | News agency services ² |
| 1.A.b.9.3. | 9.3.2 | Other information services ³ |
| 1.A.b.10.2. | 10.2.2 | Advertising, market research and public opinion polling |
| 1.A.b.10.3. | 10.3.1.1 | Architectural services |
| 1.A.b.11.1. | 11.1.1 | Audiovisual services |
| 1.A.b.11.1. | 11.1.2 | Artistic related services ⁴ |
| 1.A.b.11.2. | 11.2.3 | Heritage and recreational services ⁵ |
| Equipment and supporting materials | | |
| 1.A.b. 8. | 8.3 | Licenses to reproduce and/or distribute computer software |
| 1.A.b.9.2 | 9.2.1 | Computer services |
| 1.A.b.9.2 | 9.2.2 | Other computer services |
| Related cultural services | | |
| Tourism | | |
| 1.A.b.4.2.3 | 4.2.3. | Travel – Other personal ⁶ |

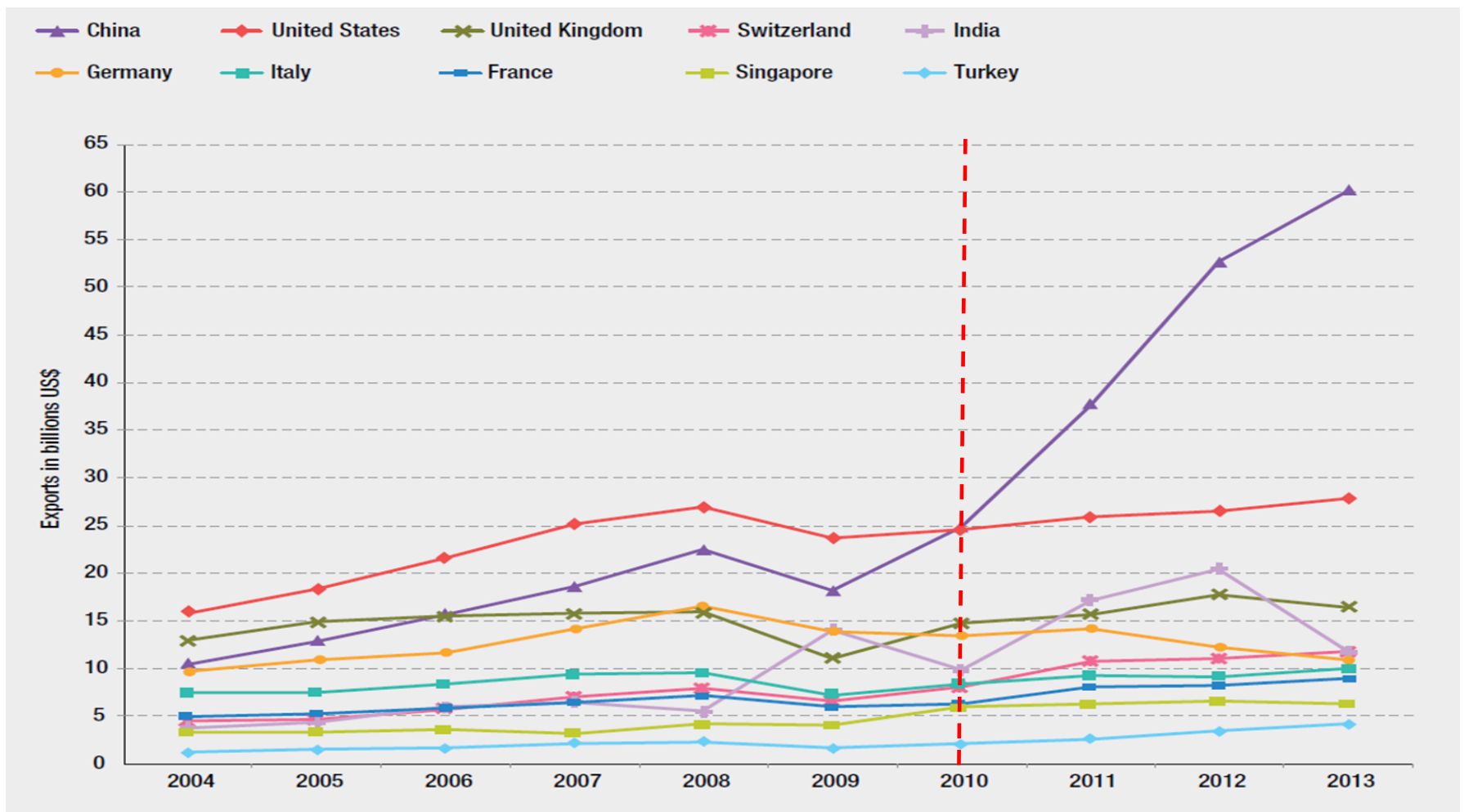
Issues to consider

- ❑ Need to reconcile two different data sources
 - ❑ Imports are declared CIF in customs statistics while FOB in BOP statistics
- ❑ Classification at national level is often more detailed than HS, more precise to define culture
- ❑ Current status of international transactions of services are not detailed enough to measure culture. Need some advocacy at national level to improve the situation
 - ❑ Issues of ecommerce and online activities
 - ❑ UIS, 2016 report, [Proceedings of the International Symposium on the Measurement of Digital Cultural Products](#)

Indicator 10: Exports of cultural goods in total exports of goods

| Indicator | Share of exports of cultural goods in all goods | | | | | | |
|---------------------|-------------------------------------------------|-------|-------|-------|-------|-------|-------|
| | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
| Country | | | | | | | |
| Mali | 0.008 | .. | .. | .. | .. | 0.007 | 0.006 |
| Mongolia | .. | .. | .. | .. | .. | 0.046 | 0.006 |
| Ghana | 0.18 | 0.006 | 0.011 | .. | .. | 0.006 | 0.007 |
| Guyana | 0.244 | 0.014 | 0.157 | 0.194 | 0.013 | 0.005 | 0.007 |
| Sierra Leone | .. | .. | .. | 0.016 | 0.031 | .. | 0.007 |
| Benin | 0.026 | 0.068 | 0.009 | 0.018 | 0.018 | 0.183 | 0.008 |
| Cameroon | 0.019 | 0.017 | 0.009 | 0.01 | 0.009 | 0.013 | 0.011 |
| Lebanon | 2.815 | 4.347 | 4.293 | 5.5 | 4.736 | 4.044 | 1.473 |
| Mauritius | 3.646 | 2.972 | 2.51 | 2.038 | 2.936 | 3.222 | 1.596 |
| Pakistan | 1.868 | 6.622 | 1.74 | 0.495 | 0.097 | 0.127 | 0.591 |
| Eswatini | .. | .. | 1.706 | 1.088 | 0.91 | 0.896 | 0.654 |
| Jamaica | 0.463 | 0.492 | 0.519 | 0.372 | 0.295 | 0.83 | 0.702 |
| Fiji | 1.067 | 0.651 | 0.644 | 0.495 | 0.405 | 0.357 | 0.757 |
| Nepal | 1.567 | 1.1 | 1.38 | 1.534 | 1.664 | 2.022 | 2.052 |
| Turkey | 1.942 | 2.226 | 2.764 | 3.266 | 3.194 | 3.196 | 3.129 |
| Antigua and Barbuda | .. | .. | 1.72 | 3.299 | 0.91 | 1.111 | 3.152 |

Since 2010, China is the lead exporter of cultural goods: Top 10 exporters of cultural goods



UIS Resources in culture statistics

- ❑ Trade in cultural goods and services
 - ❑ UIS analytical report “[The Globalisation of Cultural Trade: A Shift in Consumption—International flows of cultural goods and services](#), 2016
- ❑ 2009 UNESCO FCS Handbook Series on economic and social measurement of culture
 - ❑ UIS FCS Handbook N1: [Measuring the Economic Contribution of Cultural Industries: A Review and Assessment of Current Methodological Approaches](#), 2012
 - ❑ UIS FCS Handbook N2: [Measuring cultural participation](#), 2012
 - ❑ UIS FCS Handbook N3: [Festival Statistics: Key Concepts and Current Practice](#), 2015
 - ❑ UIS FCS Handbook N4: [Measuring the Economic Contribution of Cultural Industries: A Case Study of Serbia](#), 2015

Thank you!



Data to transform lives


Lydia Deloumeaux

Statistician, Associate Programme Specialist

Culture and communication unit

l.deloumeaux@unesco.org

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