

EU data on cultural heritage: availability and developments

eurostat 

Andrea Gallelli
Unit F1, Social indicators:
Methodology and development; Relations with users

Contents:

- Availability
 - theoretical scope of cultural heritage in culture statistics
 - available data on cultural heritage
 - recent updates
- Developments
 - NACE revision
 - New official structure and codes under Division 91
 - Experimental statistics – web scrapping on cultural heritage
 - Task Force on culture statistics

Availability

Eurostat statistics on cultural heritage

Definition of "cultural heritage"

- **UNESCO, UIS Framework of cultural statistics 2009 (p.23):**

'The domain Cultural and Natural Heritage includes the following activities: museums, archaeological and historical places (including archaeological sites and buildings), cultural landscapes and natural heritage.

Cultural Heritage includes artefacts, monuments, and groups of buildings and sites that have a diversity of values including symbolic, historic, artistic, aesthetic, ethnological or anthropological, scientific and social significance'.

- **ESSnet-Culture (2012)**

The cultural domain of Cultural Heritage consists of museums, historical places and archaeological sites. It includes the activities consisting in producing, disseminating and preserving the heritage, as well as the activities of education and management/regulation that are attached.

Cultural heritage in statistical classifications (theoretical scope)

NACE.Rev.2 (economic activities) - used in **business statistics** (SBS, BD, EU-LFS)

Division 91: Libraries, archives, museums and other cultural activities:

- 91.01 Library and archives activities
- 91.02 Museums activities
- 91.03 Operation of historical sites and buildings and similar visitor attractions

ISCO-08 (occupations) - in **labour statistics** (EU-LFS)

- 3433: Gallery, museum and library technicians
- 2621: Archivists and curators
- 2622: Librarians and related information professionals,
- 4411: Library clerks
- partly: 2632 Sociologists, anthropologists and related professionals (researchers related to cultural heritage – e.g. archaeologists; 2633 Philosophers, historians and political scientists (researchers related to cultural heritage (semiotic etc.); 5113 Travel guides (e.g. museum guide)

Cultural heritage in statistical classifications – cont.

Combined Nomenclature (CN) – used in statistics on **international trade in goods**

Chapter 97: Works of art, collectors' pieces and antiques

- 9705 00 00 **Collections** and collectors' pieces of zoological, botanical, mineralogical, anatomical, historical, archaeological, paleontological, ethnographic or numismatic interest
- 9704 00 00 Postage or revenue **stamps**, stamp-postmarks, first-day covers, postal stationery (stamped paper), and the like, used or unused, other than those of heading 4907, and if unused, not of current or new issue in which they have, or will have, a recognised face value
- 9706 00 00 **Antiques** of an age exceeding 100 years

Cultural heritage in statistical classifications – cont.

COFOG – used in the **public expenditure statistics** (but not possible to distinguish expenditure on cultural heritage)

08.20 Cultural services - provision of cultural services; administration of cultural affairs; supervision and regulation of cultural facilities; operation or support of facilities for cultural pursuits (libraries, **museums**, art galleries, theatres, exhibition halls, **monuments**, **historic houses and sites**, zoological and botanical gardens, aquaria, arboreta, etc.); production, operation or support of cultural events (concerts, stage and film productions, art shows, etc.); grants, loans or subsidies to support individual artists, writers, designers, composers and others working in the arts or to organizations engaged in promoting cultural activities.

ECOICOP – used in the **price statistics (HICP)** and **households expenditure statistics (HBS)**

09.4.2 Cultural services

09.4.22 **Museums**, libraries, zoological gardens



- **Business Statistics** (annual data):
 - SBS – NACE 91 (2021 provisional data); Business demography: number of active enterprises, survival rates, etc. (latest data: 2020)
- **Employment** (annual data):
 - EU-LFS (*annual data*): data on employment in NACE 91 + breakdowns (latest: 2021)
- **International trade in goods** (annual data):
 - Comext – export/import of antiques and works of art (value, partners, (latest: 2021)
- **Private expenditure** (every 5 years):
 - HBS data – expenditure on museums, libraries, zoological gardens (latest: 2020)
- **Price statistics** (monthly data, annual data):
 - HICP – price development on museums, libraries, zoological gardens (latest: 2022)

Data related to cultural heritage in Eurostat – cont.

- **Cultural participation (under quality of life module):**
 - EU-SILC ahm – data on cultural sites visits (monuments, museums, etc.)
(latest available data: 2015; **2022 data available at end 2023**)

- EU-SILC 2022 ad hoc module on quality of life.

Cultural heritage item

Number of visits to cultural sites:

The number of times, during the last 12 months, the respondent has visited cultural sites such as historical monuments, museums, art galleries, archaeological sites, etc. Planned or spontaneous visits whose purpose is to become acquainted with the cultural or historical content of the site.

Categories:

- At most 3 times
- More than 3 times
- No – cannot afford it
- No – lack of interest
- No – no cultural sites nearby
- No – lack of time
- **No – other reason**

If the reason for not going to cultural sites is COVID-19-related (e.g. lockdown or fear of getting sick), the answer 'No – other reasons' should be selected.

- SILC ad hoc module: **Number of visits to cultural sites**

NOT VISITING CULTURAL SITES DUE TO THE COVID-19 CRISIS (OPTIONAL VARIABLE)

The purpose of this follow-up variable is to ascertain if COVID-19 was a reason for not visiting cultural sites. Question is collected on a voluntary basis:

„During the last 12 months, did not you visit cultural sites such as historical monuments, museums, art galleries, archaeological sites, etc. because of the COVID-19 crisis?“

Possible answers:

- Yes
- No

CULTURE

- Overview
- ▲ DATA
 - Database
- Publications
- Methodology
- Links

INFORMATION ON DATA

[Expand all](#) / [Collapse all](#)

- + Cultural employment
- + Enterprises in cultural sectors
- + International trade in cultural goods
- + International trade in cultural services
- + Cultural participation
- + Private (household) expenditure on culture
- + Public expenditure on culture, recreation and religion

BY SPECIFIC DOMAIN

[Expand all](#) / [Collapse all](#)

- + Music
- + Cultural heritage
- + Books and press



<https://ec.europa.eu/eurostat/web/culture/data>

Developments

New European Business Statistics Regulation 2019/2152

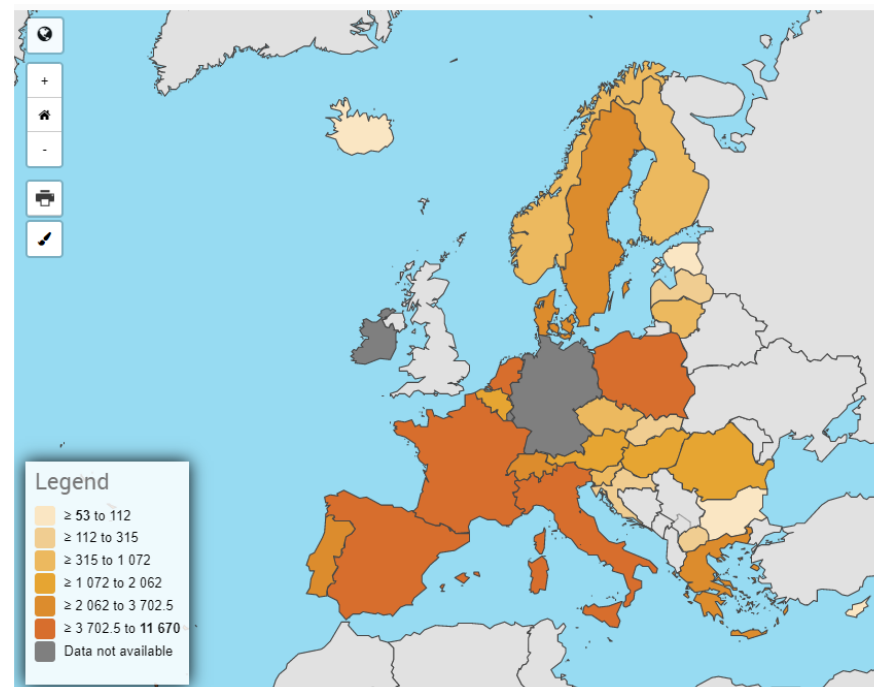
NACE 91 division: Libraries, archives, museums and other cultural activities. 2021

SBS indicators:

- Number of active enterprises
- Number of employees and self-employed persons (EMP_NR)
- Net turnover
- Available breakdowns: NACE division, group and class level;
- Size class of the number of employees and self-emp. persons

Preliminary data (2 digits: NACE 91) published T+12 months

Final data (4 digits: NACE 91.01-91.03): T+22 months



Number of employees

NACE Rev 2.1 (official)

Statistical classification of economic activities in the European Community
Consultation involved Member States and stakeholders (also in the field of CH)

- NACE Rev 2.1. legal act was published 10/ 10/ 2022
- Explanatory notes, final version June 2023
- NACE Rev 2.1 and the new Classification of Products by Activity (CPA)
- applicable from JANUARY 2025

Section S: Arts, sports and recreation

Current classification		New Classification		
90	Creative, arts and entertainment activities	90	Arts creation and performing arts activities	New title
90.01	Performing arts	90.1	Arts creation activities	New group
		90.11	Literary creation and musical composition activities	New class
		90.12	Visual arts creation activities	New class
		90.13	Other arts creation activities	New class
90.02	Support activities to performing arts	90.2	Activities of performing arts	New group
		90.20	Activities of performing arts	New class
90.03	Artistic creation	90.3	Support activities to arts creation and performing arts	New group
90.04	Operation of arts facilities	90.31	Operation of arts facilities and sites	New class
		90.39	Other support activities to arts and performing arts	New class
91	Libraries, archives, museums and other cultural activities	91	Libraries, archives, museums and other cultural activities	
91.01	Library and archives activities	91.1	Library and archive activities	
		91.11	Library activities	New class
		91.12	Archive activities	New class
91.02	Museums activities	91.2	Museum, collection, historical site and monument activities	New group
		91.21	Museum and collection activities	New class
		91.22	Historical site and monument activities	New class
91.03	Operation of historical sites and buildings and similar visitor attractions	91.3	Conservation, restoration and other support activities for cultural heritage	New group
		91.30	Conservation, restoration and other support activities for cultural heritage	New class
91.04	Botanical and zoological gardens and nature reserves activities	91.4	Botanical and zoological gardens and nature reserves activities	
		91.41	Botanical and zoological garden activities	
		91.42	Nature reserves activities	

EXPERIMENTAL STATISTICS



Wikipedia
as Big Data source
on **UNESCO** Heritage World Sites



EXPERIMENTAL STATISTICS

Wikipedia page views RAW data:

- RAW data from JAN 2012 to OCT 2015 (Total 935 GB)
- Filtering of raw data to needed project and language
- Processing time of RAW data: 8 hours

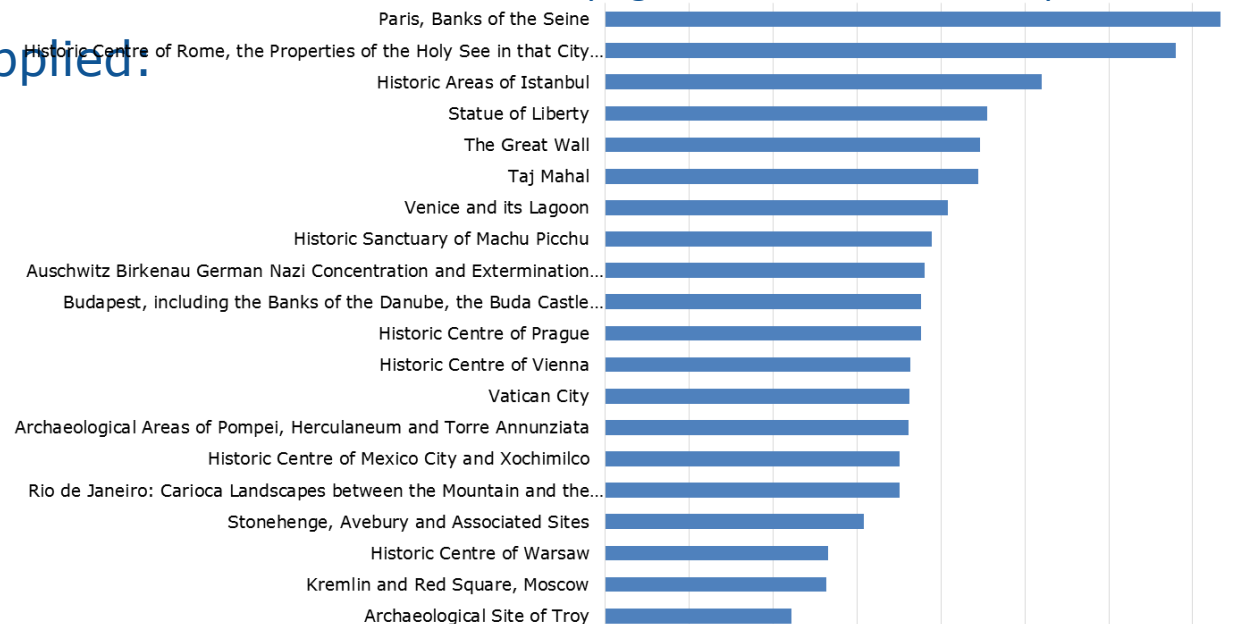
Filtering to list of articles supplied:

- Processing time: 2 hours

Data analysis:

- Statistics, maps, graphics

Top 20 World Heritage Sites
in number of page views of related Wikipedia articles

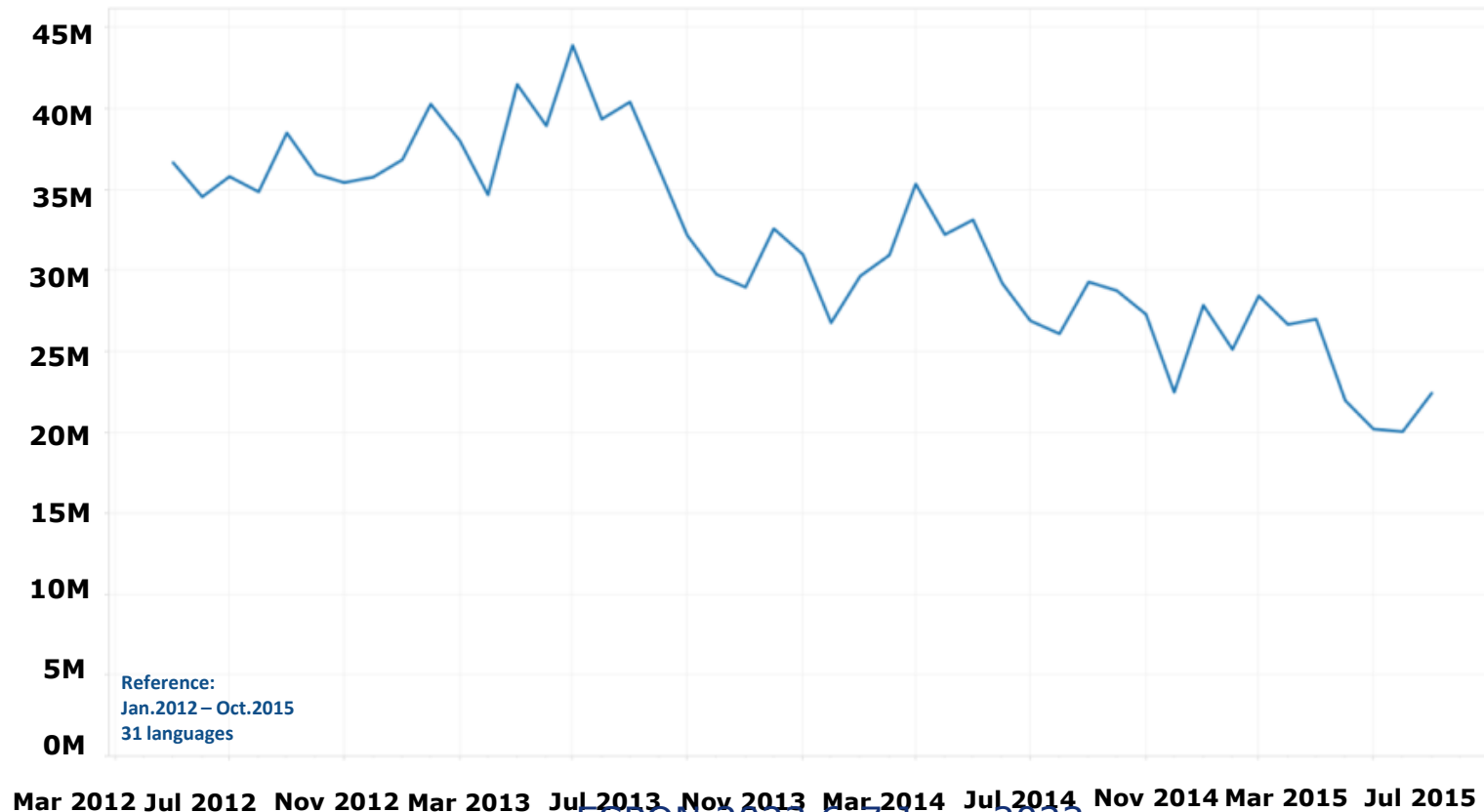


ESPON 2023
6-7 June 2023

18
Millions

EXPERIMENTAL STATISTICS

Page views of Wikipedia articles related to World Heritage Sites



ESPON 2023 6-7 June 2023

TASK FORCE on CULTURE STATISTICS FRAMEWORK

JUNE 2023 – DECEMBER 2024

Current framework is
ESS-Net 2012,
Based on Unesco 2009

e.g. Botanical and zoological gardens
and nature reserves activities currently
out of the scope of Eurostat culture
statistics

Theoretical
scope

Update of scope
according to
new
classifications

Correspondence
between
classifications
(data sources)

New
developments

TASK FORCE on CULTURE STATISTICS **FRAMEWORK**

JUNE 2023 – DECEMBER 2024

- Update definitions and concepts
- Revision of culture-related codes (new products/activities/occupations)
- Alternative data sources (EGMUS, administrative sources, private sector, etc.)
- New statistical areas (Satellite Accounts)
- New methods (big data, web scraping)

Thank you

Culture and sport statistics team
at Eurostat

For questions and comments:

andrea.gallelli@ec.europa.eu
estat-cult-stat@ec.europa.eu