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ITEM 12

CULTURAL PARTICIPATION

MEETING OF THE WORKING GROUP ON CULTURE STATISTICS

LUXEMBURG, 23 -24 NOVEMBER 2016

BECH BUILDING - ROOM QUETELET

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1. Purpose of the document

This document presents different sources of data on cultural participation available at EU level.

The Adult Education Survey (AES) 2011 data were used in the compilation of the chapter "Cultural participation" in the Statistical Book "Culture statistics", released on the 6th of July 2016. But no module on cultural participation is planned in the AES in the future. The new source of information on cultural participation – EU Statistics on Income and Living Conditions (EU-SILC) ad-hoc module 2015 will be explored in 2017 and data will be published on the Eurostat website.
The first part of this document presents a comparison between AES 2011 questionnaire and that of the EU-SILC ahm 2015.

Another source of data on cultural participation – the Harmonised European Time Use Survey (HETUS) is also presented. Cultural activities are found in the activity code system used as a classification in the Time Use Surveys. A proposal of a list of cultural codes was prepared to be discussed during the meeting.

The paper gives also some information on another source of data on cultural participation – Eurobarometer, explaining the possible reasons of differences in the data derived from the special Eurobarometer 399 "Cultural access and participation" (2013) and AES 2011.

The Working Group members are asked:

- to discuss and approve the proposed list of cultural codes in HETUS 2010 Activity coding list (please see Annex 1);
- to provide comments on the comparability of data on cultural participation coming from different data sources (AES, EU-SILC, Eurobarometer, national surveys).

2. Background

Cultural participation was considered by the ESSnet-Culture final report (2012) using the conceptual model of cultural participation (ICET) that distinguishes four forms of participation:

- Information - to seek, collect and spread information on culture;
- Communication and community - to interact with others on cultural issues and to participate in cultural networks;
- Enjoyment and expression - to enjoy exhibitions, art performances and other forms of cultural expression, to practise arts for leisure, and to create online content;
- Transaction to buy art and to buy or reserve tickets for shows.

Thus, in the light of the ICET model, the following activities are captured by the surveys referring to cultural participation: reading books and newspapers, going to cinema, theatres and concerts, visiting museums and historical sites, playing music, painting, dancing or doing other activities with artistic dimension. The latter are forms of active participation (or practicing of cultural activities).

3. Questionnaires comparison: AES 2011 - EU-SILC ad-hoc module 2015

Data on cultural participation (currently available in the Eurostat database and used for the compilation of chapter 5 of the newly released Statistical book on culture statistics) come from a specific module on cultural participation of Adult Education Survey (AES). That survey was conducted in 2007 on the basis of a gentlemen's agreement (pilot survey) and in 2011 under EU legislation. As the specific module on cultural participation was optional in the 2011 AES, there are no 2011 AES data on this topic for Belgium, Denmark, Ireland, France, Croatia, the Netherlands and Sweden (nor for Norway and Switzerland). For the United Kingdom, data are available only on 'reading newspapers' and 'going to the cinema'.

Statistics on cultural participation will be updated next year with the results of the EU Statistics on Income and Living Conditions (EU-SILC) ad hoc module 2015 on social and cultural participation, which was conducted in all EU Member States.

The first main difference between the two surveys is the target population. The population covered by the AES is that aged 25-64 while in EU-SILC 2015 it is 16 years old and over.

Data from AES 2011 provide information on the following cultural activities:

- reading books and newspapers;
- going to the cinema;
- attending live performances (plays, concerts, operas, ballet and dance) and
- visiting cultural sites (historical monuments, museums, art galleries or archaeological sites).

Almost all of this information was also collected through the special ad-hoc module of EU-SILC 2015 except data for reading books and newspapers.

Practice of artistic activities is another type of cultural participation. It was not measured in the AES 2011 but it was included as a variable in the EU-SILC 2015 special module on social and cultural participation. Practice refers to the frequency of usual practice of some artistic activities such as: play an instrument, compose music, sing, dance, act, photograph, make video, draw, paint, carve or do other visual arts, handcraft, write poems, short stories, fiction, etc. What is important to be mentioned here is that only activities performed as a hobby should be included there whether organised or not. And if more than one activity is performed, the time spent on all of them should be counted. Not taken into account and therefore excluded from the scope are all activities performed as professional activity.

The reference period for the questions included in both surveys is the same – the last 12 months.

The categories of the frequency of visit/attendance are not exactly the same in both surveys: *at most 3 times*, *more than 3 times*, *no* (EU-SILC 2015) and *1 to 6 times*, *more than 6 times*, *never* (AES 2011).

What is new and interesting in the EU-SILC ahm 2015, is the investigation of the reason for not participating in the cultural activity, with the following categories of reasons of non-participation:

- cannot afford it;
- lack of interest;
- no cinema/live performance/cultural site nearby;
- other reasons.

The term "nearby" does not have to be understood only as physical distance but also in terms of accessibility, e.g. if a theatre/cinema/cultural site is located 10 kilometres from the respondent's dwelling but it is easily accessible by the public transport it should be considered nearby.

In both surveys (AES and EU-SILC) participation in live cultural performances concerns only spectating. Live performances (plays, concerts, operas, ballet and dance) refer to any event performed by professionals, amateurs, or even by one's own children. Organised street performances should also be counted but not the case of passing by somebody playing an instrument. However attending a concert played in the park should be included.

Visits to cultural sites such as historical monuments, museums, art galleries, archaeological sites, etc. could be either planned or spontaneous but only visits whose purpose is to become acquainted with the cultural or historical content of the site are included.

Formulation of the variables included in EU-SILC ad-hoc module 2015 and in AES 2011 can be seen in Table 1.

Table 1: Comparison of questions on cultural participation in AES 2011 and EU-SILC ahm 2015

EU-SILC 2015		AES 2011	
1	**Going to the cinema (in the last 12 months)**	**1**	**Number of times going to the cinema in the last 12 months**
	No — cannot afford it		Never
	No — lack of interest		
	No — no cinema nearby		
	No — other reasons		
	At most 3 times		1 to 6 times in the last 12 months
	More than 3 times		More than 6 times in the last 12 months
			No answer
Scope:	The number of times the respondent went to the cinema, during the last twelve months.	**Scope:**	In the last 12 months how many times the respondent was in the cinema.
Note 1:	If the answer is "No" the most important reason should be selected.	**Note 1:**	not relevant
Note 2:	The term "nearby" does not have to be understood only as physical distance but also in terms of accessibility. E.g. if a cinema is located 10 kilometres from the respondent's dwelling but it is easily accessible by the public transport, it should be considered nearby.	**Note 2:**	not relevant
2	**Going to live performances (in the last 12 months)**	**2**	**Number of times going to live performances in the last 12 months**
	No — cannot afford it		Never

	EU-SILC 2015		AES 2011
	No — lack of interest		
	No — no live performances nearby		
	No — other reasons		
	At most 3 times		1 to 6 times in the last 12 months
	More than 3 times		More than 6 times in the last 12 months
			No answer
Scope:	The number of times, during the last twelve months, the respondent went to any live performance (theatre plays, concerts, operas, ballet, dance performances, etc.)	**Scope:**	In the last 12 months how many times the respondent has attended to cultural live performances (plays, concerts, operas and ballet and dance performances)
included:	● any live performance, whether it was performed by professionals or amateurs; ● going to live performances to watch one's own children; ● street performances - organised; ● attending a concert played in the park	**included:**	● any live performance, whether it was performed by professionals or amateurs; ● going to live performances to watch one's own children;
excluded:	● passing by somebody playing an instrument; ● visits to live sport events; ● participation in live performances	**excluded:**	● visits to live sport events; ● participation in live performances
Note 1:	Participation refers only to spectating.	**Note 1:**	Participation refers only to spectating.
Note 2:	If the answer is "No" the most important reason should be selected.	**Note 2:**	not relevant
Note 3:	The term "nearby" does not have to be understood only as physical distance but also in terms of accessibility. E.g. if a theatre is located 10 kilometres from the respondent's dwelling but it is easily accessible by the public transport it should be considered nearby.	**Note 3:**	not relevant
3	**Visits to cultural sites (in the last 12 months)**	**3**	**Number of visits to cultural sites in the last 12 months**
	No — cannot afford it		Never
	No — lack of interest		
	No — no cultural sites nearby		
	No — other reasons		

	EU-SILC 2015		AES 2011
	At most 3 times		1 to 6 times in the last 12 months
	More than 3 times		More than 6 times in the last 12 months
			No answer
Scope:	The number of times, during the last twelve months, the respondent visited cultural sites such as historical monuments, museums, art galleries, archaeological sites, etc.	**Scope:**	In the last 12 months how often the respondent visited cultural sites (museums, historical monuments, art galleries or archaeological sites).
included:	● only visits whose purpose is to become acquainted with cultural or historical content of the site; ● either planned or spontaneous visits	**included:**	● visits to cultural sites
Note 1:	If the answer is "No" the most important reason should be selected.	**Note 1:**	not relevant
Note 2:	The term "nearby" does not have to be understood only as physical distance but also in terms of accessibility. E.g. if a museum is located 10 kilometres from the respondent's dwelling but it is easily accessible by the public transport it should be considered nearby.	**Note 2:**	not relevant
4	**Practice of artistic activities (as a hobby, reference period - usual)**		**No question**
	Daily		
	Every week (not every day)		
	Several times a month (not every week)		
	Once a month		
	At least once a year (less than once a month)		
	Never		
Scope:	The frequency with which the respondent usually practices some of the artistic activities such as play an instrument, compose music, sing, dance, act, photograph, make video, draw, paint, carve or do other visual arts, handcraft, write poems, short stories, fiction, etc.		
included:	● activities performed as a hobby; ● activities whether organised or not;		
excluded:	● all activities performed as professional activity		

EU-SILC 2015		AES 2011	
Note 1:	If the respondent performs more than one activity, the time spent on all of them should be counted.		
	No question	**4**	**Read a book in the last 12 months**
			Yes
			No
			No answer
		Scope:	Reading at least one book during the last 12 months as a leisure activity.
		included:	● reading a book as a leisure activity;
		excluded:	● purely educational purpose or for studies
	No question	**5**	**Approximate number of books read in the last 12 months**
			Less than 5
			5 to 9
			More than 10
			No answer
		Scope:	The number of books read during the last 12 months as a leisure activity.
		included:	● reading a book as a leisure activity;
		excluded:	● purely educational purpose or for studies
	No question	**6**	**Reading newspapers (paper or internet) in the last 12 months**
			Every day or almost every day
			At least once a week (but not every day)
			At least once a month (but not every week)
			Less than once a month
			Never
			No answer
		Scope:	In the last 12 months how often the respondent read newspapers.
		included:	● paper newspapers and online newspapers;

Taking into account the differences between the two surveys – AES 2011 and EU-SILC ad-hoc module 2015 – in the countries coverage, in the age coverage of the population surveyed, in the scope of questions (equivalence not always assured) and in the categories of frequency of participation, the full comparability of data from both surveys cannot be ensured. However, comparison for countries conducting both surveys will be possible, e.g. for the same age group (25-64), the same questions and about the two main answer categories: participation and non-participation (as the answers on the frequency are different).

4. Harmonised European Time Use Survey (HETUS)

Harmonised European Time Use Survey (HETUS) is also a source of information on cultural participation. The TUS database is made up of micro-data from fifteen European countries: Germany, Spain, France, Italy, Norway, Finland, Sweden, United Kingdom, Belgium, Bulgaria, Estonia, Latvia, Lithuania, Poland and Slovenia. It has been developed by Statistics Finland and Statistics Sweden with financial support of the European Commission. This survey is conducted on a gentleman agreement every 10 years. The last available data are from 2000. 2010 wave data are expected in spring next year.

Time use surveys (TUS) measure the amount of time people spend doing various activities by filling diaries for what they are doing every 10 minutes. The Time Use Survey does not operate with a harmonised classification but with an activity coding list. The activity code system is hierarchical with three levels. The majority of the cultural activities can be found under the theme "Leisure time" of HETUS coding list.

All the following codes are proposed to be included in the list of cultural codes in HETUS coding list. The ESSnet-Culture report mentioned all of them except 221, 333, 383, 723 and 732 (they are partly cultural but a great part of their content is related to culture). In Annex is presented a table containing the proposed cultural codes and their description.

Item 2 Study

…

22 Free time study

221 Free time study

…

Item 3 Household and family care

…

33 Making and care for textiles (?)

…

333 Handicraft and producing textiles

…

38 Childcare

…

383 Reading, playing and talking with the child

…

Item 5 Social life and entertainment

…

52 Entertainment and culture

521 Cinema

522 Theatres and concerts

523 Art exhibitions and museums

524 Library

…

529 Other or unspecified entertainment and culture

…

Item 7 Hobbies and computing

71 Arts and hobbies

711 Arts (visual, performing, literacy)

…

72 Computing

…

722 Information by computing

723 Communication by computing (?)

…

73 Games

…

732 Parlour games and play (?)

733 Computer games

…

Item 8 Mass media

81 Reading

811 Reading periodicals

812 Reading books

819 Other or unspecified reading

82 TV, video and DVD

821 Watching TV, video or DVD

83 Radio and recordings

831 Listening to radio or recordings

In the HETUS database not all activity codes exist separately. Some of them are aggregated in groups consisting of two or more 3-digit codes. The aggregated codes sometimes consist of both cultural and non-cultural activity codes (see Table 2). For a better visual understanding, cultural (fully or almost fully cultural) categories are coloured in green, partly cultural – in yellow, not cultural codes – in red.

Table 2: Cultural codes in the HETUS coding list and TUS database

HETUS Database		HETUS 2010 activity codes	
AC22	Free time study	**221 Free time study**	**221**
AC33A	Handicraft and producing textiles and other care for textiles	**333 Handicraft** and producing textiles 339 Other or unspecified making and care for textiles	**333**, 339
AC38B	Teaching, reading and talking with child	382 Teaching the child **383 Reading, playing and talking with the child?**	382, **383**
AC52	Entertainment and culture	**521 Cinema** **522 Theatre and concerts** **523 Art exhibitions and museums** **524 Library** 525 Sport events **529 Other or unspecified entertainment and culture**	**521, 522, 523, 524**, 525, **529**
AC733	Computer games	**733 Computer games**	**733**
AC7A	Computing	721 Computing - programming **722 Information by computing** **723 Communication by computing** 729 Other or unspecified computing	721, **722, 723**, 729
AC7B	Hobbies and games except computing and computer games	**711 Arts (visual, performing, literary)** 712 Collecting 713 Correspondence 719 Other or unspecified hobbies 731 Solo games and play, gambling **732 Parlour games and play?** 739 Other or unspecified games	**711**, 712, 713, 719, 731, **732**, 739
AC812	Reading books	**812 Reading books**	**812**
AC811	Reading, except books	**811 Reading periodicals** **819 Other or unspecified reading**	**811, 819**
AC82	TV and video	**821 Watching TV, video or DVD**	**821**
AC83	Radio and music	**831 Listening to radio or recordings**	**831**

As concerns indicators on cultural participation, three main types of indicators can be obtained from HETUS:

- **Time spent**: mean time spent on the activity by *all individuals*;
- **Participation time**: mean time spent on the activity by those *individuals who took part* in the activity and
- **Participation rate**: the proportion of the individuals that *spent* some *time doing the activity.*

The mean duration by those who spent any time on the activity (participation time) is calculated in the following way: $\text{Participation time} = \frac{\text{Time spent}}{\text{Participation rate}} * 100$

The three indicators are compiled by sex and age group, household composition, educational attainment level, labour status, professional status, day of the week and month of the year. According to the HETUS 2000 guidelines, the surveys should cover all persons aged 10+ living in private households. As different populations are covered in the countries for which data are available, the tables in Eurobase refer to the population 20 to 74 years old.
HETUS 2010 data are expected to be published in Eurobase in Spring 2017.

It should be noticed as well that HETUS provides information on the main activity but also on the secondary or parallel activity the individuals are doing (e.g. cooking and listening to the music). More detailed analysis of data should be done to show how often activities related to culture go with other activities.

5. 2013 Special Eurobarometer 399 "Cultural access and participation"

On the request of the European Commission, Directorate-General for Communication, "Research and Speechwriting", a special Eurobarometer survey 399 "Cultural access and participation" as part of wave 79.2 has been carried out between the 26th of April and 14th of May 2013. Previous similar survey was the special Eurobarometer 278 "European cultural values" conducted in 2007. For the needs of this document only 2013 Eurobarometer survey will be taken into account.

A broad analysis was made by the Budapest Observatory (Memo July 2016) comparing special Eurobarometer 399 and 278 results with AES 2007 and 2011 data. As 2007 AES was a pilot survey, the focus here will be put on the last results: 2013 Eurobarometer *versus* AES 2011.

Data derived from these two data sources cannot be directly compared. Eurobarometer is a public opinion poll, consisting of approximately 1000 face-to-face interviews per country. The Adult Education Survey is a statistical survey, with much more large samples.

Eurobarometer special survey 399 was specifically devoted to culture in its entirety while the module on cultural participation in the Adult Education Survey was conducted in the countries on a voluntary basis and in that way seen as something additional to the core questionnaire (purpose of the survey being the lifelong learning). The "cultural focus" of the Eurobarometer certainly had an impact of the responses (including the possible wish to be perceived as more "cultural person").

There is also a difference in the target population in both surveys. The Eurobarometer covers the population aged 16 years and over while in AES 2011 the interviewed individuals were between 25 and 64 years old.

The time lag between 2011 (with different surveys periods at national level) and 2013 could also be source of differences of results.

The next but not last possible reason for differences is the scope and wording of the questions included in both surveys. For example, the question on reading books has the following wording:
Eurobarometer 399: *"How many times in the last 12 months have you read a book?"*
AES 2011: *"Approximate number of books read in the last 12 months"*.

In general, the values of indicators on cultural participation derived from AES 2011 are smaller than those from 2013 Eurobarometer.

Table 3 shows the comparison of the common questions in 2013 special Eurobarometer 399 and AES 2011. The scope and wording of the similar questions included in EU-SILC 2015 survey are also included in the table.

Table 3: Comparison of questions on cultural participation in Eurobarometer 399 and AES 2011

Eurobarometer 399/2013		AES 2011 / EU-SILC 2015
population	**16 and over**	**25-64**
How many times in the last 12 months have you …		
	been to the cinema	Number of times going to the cinema (AES 2011 and EU-SILC 2015)
	seen a ballet, a dance performance or an opera	Number of times attending live performance (AES 2011 and EU-SILC 2015)
	been to the theatre	
	been to a concert	
	visited a public library	no
	visited historical monuments (palaces, castles, churches, gardens, etc.)	Number of times visiting cultural sites (AES 2011 and EU-SILC 2015)
	visited museums or galleries	
	watched or listened to a cultural programme on TV or on the radio	no
	read a book	**Number of books** read in the last 12 months - AES 2011; no in EU-SILC 2015 (Is it the same as **number of times** having read a book???)
Frequency of attendance / visit		
	not in the last 12 months	never (AES 2011) / no (EU-SILC 2015)
	1-2 times	AES 2011 (1-6 times; more than 6 times); EU-SILC 2015 (at most 3 times; more than 3 times)
	3-5 times	

Eurobarometer 399/2013		AES 2011 / EU-SILC 2015
	more than 5 times	
	don't know	the same
	at least once	the same
For each cultural activity - the **reason** for not being done or not being done more often		no such questions in AES 2011
	lack of interest	same in EU-SILC 2015
	lack of time	no
	too expensive	cannot afford (EU-SILC 2015)
	lack of information	no
	limited choice or poor quality	no cinema, live performance or cultural site nearby (EU-SILC 2015)
	other	the same in EU-SILC 2015
	don't know	
For each cultural activity - regarding **another European country**		no
Active participation (on your own or as part of organised group or classes)		no
	playing a musical instrument	AES 2011 - no; **EU-SILC 2015** (frequency of practicing artistic activities - daily, every week; several times a month; once a month; at least once a year)
	singing	
	acting (on the stage or in film)	
	dancing	
	writing a poem, an essay, a novel, etc.	
	doing some photography, making a film	
	doing any other artistic activities (sculpture, painting, handicrafts or drawing)	
	doing creative computing (designing websites, blogs, etc.)	
	other	
	none	
	don't know	

As it can be seen from Table 3, only two questions could be compared to some extent:

- on reading books and
- on going to the cinema

Table 4 is presenting the results on reading books in the both surveys. There is a clear pattern showing greater percentages of people reading at least one time/at least one book reported by Eurobarometer than by the AES what is certainly due to reasons explained above. But in the majority of countries these differences are small.

Table 5 in a similar way provides the results from the AES 2011 and Eurobarometer 399 concerning the question of going to the cinema. Here the discrepancies of results from both surveys are also quite narrow.

Table 4: Percentage of persons who have read at least one book /a book at least one time during the last 12 months

AES: Persons reading books in the last 12 months by sex and age - 1 book or more

EB: How many times in the last 12 months have you read a book - at least once?

Survey	AES	Eurobarometer	Difference of p.p.
Country	**AES 2011**	**2013 EB 399**	**AES2011-EB2013**
Romania	30	51	-21
Slovenia	54	67	-13
Lithuania	55	66	-11
Estonia	70	78	-8
Latvia	64	72	-8
Bulgaria	48	55	-7
Czech Republic	67	71	-4
Germany	75	79	-4
Malta	53	55	-3
Finland	73	75	-2
Cyprus	52	54	-2
Spain	58	60	-2
Slovakia	66	68	-2
Italy	54	56	-2
Greece	49	50	-1
Austria	73	73	0
Poland	56	56	0
Portugal	41	40	1
Hungary	61	60	1
Luxembourg	82	76	6
Sweden	:	90	:
Belgium	:	65	:
Croatia	:	56	:
Denmark	:	82	:
Ireland	:	74	:
France	:	73	:
Netherlands	:	86	:
United Kingdom	:	80	:

Table 5: Percentage of persons who have been to the cinema at least once in the last 12 months

AES: Number of times going to the cinema in the last 12 months – at least once

EB: How many times in the last 12 months have you been to the cinema? – at least once

	AES	Eurobarometer	Difference of p.p.
	AES 2011	2013 EB 399	AES2011-EB2013
Luxembourg	73	61	12
Slovakia	50	40	10
Portugal	37	29	8
Finland	58	50	8
Poland	47	40	7
Greece	42	36	6
Cyprus	34	30	4
Hungary	37	33	4
Czech Republic	51	47	4
United Kingdom	65	61	4
Estonia	48	46	2
Slovenia	42	43	-1
Lithuania	40	41	-1
Italy	51	53	-2
Germany	52	54	-2
Austria	56	59	-3
Bulgaria	26	29	-4
Romania	16	20	-4
Malta	46	51	-5
Latvia	35	43	-8
Spain	:	49	:
Belgium	:	54	:
Croatia	:	34	:
Denmark	:	76	:
Ireland	:	61	:
France	:	63	:
Netherlands	:	70	:
Sweden	:	74	:

Annex: Culture-related codes in the HETUS coding list

TUS database aggregates	HETUS 2010 activity codes	
AC22 Free time study	**221 Free time study**	● Administrative courses (typing, accounting) ● **Artistic courses (painting, music, etc.)** ● **Exercising for piano lesson** ● Correspondence studies ● Driving lesson ● **Music lessons** ● **Preparing for courses: homework related to these courses** ● Professional training courses, not in direct connection with work ● **Sewing class?** ● **Studies in a library** ● Talked with the supervisor
AC33A Handicraft and producing textiles and other care for textiles	**333 Handicraft** and producing textiles	● **Crocheting** ● **Making new clothes, curtains, etc. using a sewing-machine?** ● **Sewing?** ● **Stitching?** ● Weaving rag-carpets
	339 Other or unspecified making and care for textiles	● Repairing clothes ● Repairing and polishing shoes ● Putting seasonal clothes into storage ● Unspecified making and care for textiles
AC38B Teaching, reading and talking with child	382 Teaching the child	● Help with homework, giving guidance.
	383 Reading, playing and talking with the child	● **Read a story to the children/to my sister** ● **Playing games with the children** ● **Entertained the children**
AC52 Entertainment and culture	**521 Cinema**	● **Watching movies in cinema or movie club** ● Waiting for the doors to open ● not included **ordering a ticket** (in 371 Household management) ● not included **buying the ticket** (in 361 Shopping)
	522 Theatre and concerts	● **Dance (ballet, modern dance and other dance)** ● **Live music (concert, chamber recital, jazz, rock concert, etc.)** ● **Music theatre (opera, light opera, musicals and other music theatre)** ● **Other performance (street theatre, multi-media, etc.)**

TUS database aggregates	HETUS 2010 activity codes	
		● **Plays**
	523 Art exhibitions and museums	● **Art exhibitions and museums**
	524 Library	● **Borrowing books, records, audiotapes, videotapes, etc.** ● **Using a computer in the library.** ● **Reading newspapers or listening to music in the library.** ● not included **studying in a library** (in 2012 Homework or in 221 Free time study)
	525 Sport events	● Attending a sports event, e.g. car race, horse race, football match, etc.
	529 Other or unspecified entertainment and culture	● **Botanical garden, arboretum?** ● Car shows ● **Cathedral, church, abbey** ● Consumer events ● Factory visits (e.g. brewery) ● Fairs, sales exhibitions, etc. ● **Fashion show** ● **Leisure parks (theme park, pier, fairground, circus, fete, fairground, carnival)?** ● **One-off special event (e.g. tall ships race)?** ● **Stately homes, etc. (castles, monuments, historic houses)** ● Was on a visit to the fire-brigade ● **Zoos (Wildlife park, sea-life centre, animal park, safari park)?**
AC733 Computer games	**733 Computer games**	● **Computer and video games**
AC7A Computing	721 Computing - programming	● Programming, fixing and repairing the computer
	722 Information by computing	● **Seeking, reading information by means of a computer, via network (e.g. netsurfing) or other data medium (e.g. encyclopaedia on CD Rom).**
	723 Communication by computing	● **Reading, writing and sending e-mail messages** ● **Chatting on Internet** ● **Talking with a friend through Messenger, Skype or any other VoIP (Voice over the Internet) protocol**

TUS database aggregates	HETUS 2010 activity codes	
	729 Other or unspecified computing	● Sat by the computer ● Tapped at the computer keyboard ● Worked at the computer (when not in employment)
AC7B Hobbies and games except computing and computer games	**711 Arts (visual, performing, literary)**	**● Activities connected with creating paintings, photography, sculpture, ceramics, graphics, pottery, etc. at home or in a club.** **● Visual arts created with the help of a computer.** **● Singing, acting, playing alone or in a group.** **● Producing music.** **● Performing arts created with help of a computer.** **● Writing novels, poetry, personal diary, etc.** **● Literary arts, also when use of computer is mentioned.** ● not included **Studying arts during free time** (in 221 Free time study)
	712 Collecting	● Collecting stamps, coins, etc.?
	713 Correspondence	● Writing and reading personal letters, faxes, etc. **● Writing Christmas cards**
	719 Other or unspecified hobbies	● Chemical experiments ● Framing slides ● Looked at slides on projector **● Making miniatures (aircraft, etc.)** **● Put pictures into a photo album** **● Watched movies via film-projector**
	731 Solo games and play, gambling	**● Crosswords, patience, etc. solo games.** **● Assembled a jigsaw puzzle (when alone)** ● Playing alone with dolls, toys, cats, dogs, etc. ● Lottery, etc. ● Playing cards specified as gambling.
	732 Parlour games and play?	**● Cards, dice, dominoes, chess and other board games?** ● Billiards, snooker, darts ● Outdoor games such as boules and petanque. **● Noughts and crosses?** **● Backgammon?** ● Bridge
	739 Other or unspecified games	**● Played a game**

TUS database aggregates	HETUS 2010 activity codes	
AC812 Reading books	**812 Reading books**	**● Novels, life stories, instructional books, etc.** **● Looking in the encyclopaedia** **● Reading a biography** **● Reading a romance** ● not included Reading for an exam (in 212 Homework) ● not included Reading strictly connected with work (in 111 Working time)
AC811 Reading, except books	**811 Reading periodicals**	**● Reading daily, weekly, monthly, quarterly, etc. publications — newspapers, magazines.** **● Reading local/national/international newspapers.** ● not included Reading strictly connected with work (in 111 Working time)
	819 Other or unspecified reading	● Looked in a clothes catalogue ● Read a furniture catalogue ● Read a mail order catalogue **● Read old personal letters** ● Read travel catalogues ● Reading of user instructions **● Reading of post** **● Read in bed?**
AC82 TV and video	**821 Watching TV, video or DVD**	**● Listened to music on TV** **● Teletext** **● Watched movies** **● Watched TV with the children** **● Video recording** **● Watched a DVD film** **● Watched a home video** **● Watched a video film** ● not included Following courses (language courses, etc.) on TV (in 221 Free time study)
AC83 Radio and music	**831 Listening to radio or recordings**	**● Listening to the radio: music, news, commentaries, etc.** **● Listening to CDs, cassettes, records and digital audio files.** ● not included Following courses (language courses, etc.) on radio (in 221 Free time study)