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| **README FILE FOR THE USA 2011-2012** |

(Harmonised Episode and Aggregate File Versions)

26 January 2014

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The American Time Use Study, collected by the United States Bureau of Labor Statistics, is the first continuous time use study. The sample design and detail of information collected has remained largely similar across the years of collection. As there were some modified codes between 2003 and 2004 and as the sample size was cut significantly between these years. Some code coding changes, mainly for travel, were introduced from 2005. From 2006-08, the ATUS included a food consumption supplement which adds to the level of secondary activity information available. We offer separate readme and conversion files for 2003, 2004, 2005, 2006-2008, 2009, 2010 and 2011-2012, but in the MTUS data file, all these surveys are treated as a single survey, with the value of the variable SURVEY set to 2003 (though you can distinguish the years by the variable YEAR).

### TECHNICAL DESCRIPTION OF THE SURVEY

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| --- | --- |
| **Age range** | 15+ |
| **Response rate**  | 54.6% 2011, 53.2% in 2012  |
| **Number of diary days** | 1 |
| **Survey period**  | Whole years of 2011 and 2012 |
| **Multi-member household survey** | No (for the time diary wave, but information is collected from other household members in the other 8 waves of the CPS that precede the diary wave). |
| **Type of diary** | Recall from yesterday |
| **Mode of data collection** | CATI (computer assisted telephone interview) |
| **Time interval in the diary** | Free (nominated start/stop times) |
| **Data on secondary activities** | The data covers a flag for was a child aged <13 in your care. The survey also includes secondary elderly care. If people volunteered other secondary activity, this was recorded but not saved and is not available. |
| **Data on where the activity was carried out** | Yes |
| **Data on who else was present** | Yes |
| **Number of activity codes** | 91 codes in the harmonised AHTUS, 564 original ATUS codes |
| **Number of cases in the original file**  |  In 2011: 12479(11978 diaries from adults aged 18+; 501 diaries from children aged <18)In 2012: 12443(11975 diaries from adults aged 18+; 468 diaries from children aged <18) |
| **Number of ‘good’ diaries in the World5.58 file**  |  In 2011: 11869 (11394 diaries from adults aged 18+; 475 diaries from children aged <18)In 2012: 11909 (11461 diaries from adults aged 18+; 448 diaries from children aged <18) |

**INFORMATION ON THE ORIGINAL FILES**

There are 5 original files used to create the AHTUS harmonised files for 2011 and another 5 for 2012:

ATUSACT\_2011 – the episode level activity file

ATUSCPS\_2011 – background information on the diarist and other household members from the Wave 8 interview of the CPS

ATUSRESP\_2011 – diary respondent background data file, also includes the day of week, month and year that the diary

ATUSROST\_2011 – a roster file of all persons with whom the diarist interacted on the diary day, covering relationship to the diarist, sex and age

ATUSWHO\_2011– the file contains one row per person present for each episode recorded in each diary

ATUSACT\_2012 – the episode level activity file

ATUSCPS\_2012 – background information on the diarist and other household members from the Wave 8 interview of the CPS

ATUSRESP\_2012 – diary respondent background data file, also includes the day of week, month and year that the diary

ATUSROST\_2012 – a roster file of all persons with whom the diarist interacted on the diary day, covering relationship to the diarist, sex and age

ATUSWHO\_2012– the file contains one row per person present for each episode recorded in each diary

The MTUS files make use of the 3 AHTUS files for each year:

USA11QUEST – background data for the diarists aged 18+

USA2011HFEP – episode level time diary file, for diarists aged 18+

USA2011YOUTHEP – episode level time diary file with background variables for diarists aged 15-17

USA12QUEST – background data for the diarists aged 18+

USA2012HFEP – episode level time diary file, for diarists aged 18+

USA2012YOUTHEP – episode level time diary file with background variables for diarists aged 15-17

In 2011 and 2012 we produced an extra file:

USAxincare- a supplement with linking variables and a flag for episodes where diarists reported both secondary childcare and secondary elderly care.

**TIME-USE VARIABLES**

**Activity Variable Documentation for USA, 2011 & 2012**

**NOTE: the unusual format of the original codes reflects the fact that the activities are coded in three tiers of variable columns in the original data**

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| **MTUSVariable Name**  | **Variable Label** | **Compiled from the heritage files original activity variables main, sec, and eloc** **Original file codes follow in ()** |
| AV1 | Formal work | **8** - meals at work (5\_2\_2)**10** - main paid work (5\_1\_1, 5\_1\_99, 5\_2\_99, 5\_99\_99 – location not at home)**13** - work breaks (5\_2\_1, 5\_2\_3) **14** - other time at workplace (5\_1\_3, 5\_1\_4, 5\_2\_4)**15** - time looking for work (5\_4\_1, 5\_4\_2, 5\_4\_3, 5\_4\_4, 5\_4\_5, 5\_4\_99, 18\_5\_4) |
| AV2 | Paid work at home | **11** - paid work at home (5\_1\_1, 5\_1\_99, 5\_2\_99, 5\_99\_99 – location not at home)  |
| AV3 | Second job | **12** - second job, other paid work (5\_1\_2, 5\_3\_1, 5\_3\_2, 5\_3\_3, 5\_3\_4, 5\_3\_5, 5\_3\_99) |
| AV4 | School/classes | **16** - regular schooling (6\_1\_1, 6\_1\_3, 6\_1\_4, 6\_1\_99)**18** - short course training (6\_1\_2, 6\_2\_99)**19** - occasional lectures (6\_2\_1, 6\_2\_2, 6\_2\_3, 6\_2\_4, 6\_4\_1, 6\_4\_2, 6\_4\_3, 6\_4\_99, 6\_99\_99, 16\_1\_3) |
| AV5 | Travel to/from work | **92** - travel as part of paid work (18\_5\_2)**93** - travel to and from work (18\_5\_3, 18\_5\_1, 18\_5\_99)**94** - travel related to education (18\_6\_1, 18\_6\_2, 18\_6\_99) |
| AV6 | Cooking/washing up | **20** - food preparation/cooking (2\_2\_1, 2\_2\_2)**21** - set table, put away dishes (2\_2\_3, 2\_2\_99) |
| AV7 | Housework | **22** - cleaning (2\_1\_1, 2\_3\_1, 2\_3\_99, 2\_4\_1)**23** - laundry, ironing, clothing repair (2\_1\_2, 2\_1\_3) |
| AV8 | Odd jobs | **24** - home repairs, maintain vehicles (2\_3\_2, 2\_3\_3, 2\_4\_2, 2\_4\_99, 2\_5\_2, 2\_7\_1, 2\_7\_99, 2\_8\_1, 2\_8\_99)**25** - other domestic work (2\_1\_4, 2\_1\_99, 2\_9\_1, 2\_9\_2, 2\_9\_5, 2\_9\_99, 2\_99\_99)**40** - adult care (3\_4\_1, 3\_4\_2, 3\_4\_3, 3\_4\_4, 3\_4\_5, 3\_4\_99, 3\_5\_1, 3\_5\_2, 3\_5\_3, 3\_5\_4, 3\_5\_99, 4\_1\_1, 4\_1\_2, 4\_1\_3, 4\_1\_4, 4\_1\_6, 4\_1\_7, 4\_1\_8, 4\_1\_9, 4\_1\_10, 4\_1\_11, 4\_1\_12, 4\_1\_99, 4\_2\_1, 4\_2\_2, 4\_2\_3, 4\_2\_4, 4\_2\_99, 4\_3\_1, 4\_3\_2, 4\_3\_3, 4\_3\_99, 4\_4\_1, 4\_4\_2, 4\_4\_3, 4\_4\_4, 4\_4\_5, 4\_4\_99, 4\_5\_1, 4\_5\_2, 4\_5\_3, 4\_5\_4, 4\_5\_5, 4\_5\_6, 4\_5\_7, 4\_5\_8, 4\_5\_99, 4\_99\_99)**68** – pet care, walk dogs (2\_6\_1, 2\_6\_99)**68 – Added from 2008**: 2\_6\_2  |
| AV9 | Gardening | **67** - gardening (2\_5\_1, 2\_5\_99) |
| AV10 | Shopping | **26** - purchase routine goods (7\_1\_1, 7\_1\_3, 7\_1\_4, 7\_1\_5, 9\_1\_2)**27** - purchase consumer durables (7\_2\_1, 7\_1\_2, 7\_2\_99, 7\_3\_1, 7\_3\_99, 7\_99\_99, 7\_1\_99)**30** - purchase repair, laundry services (9\_1\_1, 9\_1\_3, 9\_1\_4, 9\_1\_99, 9\_2\_1, 9\_2\_2, 9\_2\_99, 9\_3\_1, 9\_3\_2, 9\_3\_99, 9\_4\_1, 9\_4\_2, 9\_4\_99, 9\_5\_1, 9\_5\_2, 9\_5\_99, 9\_99\_99, 16\_1\_6)**31** - financial services (8\_2\_1, 8\_2\_2, 8\_2\_3, 8\_2\_99, 10\_1\_1, 10\_1\_2, 10\_1\_3, 10\_1\_99, 10\_3\_1, 10\_3\_2, 10\_3\_99, 10\_4\_1, 10\_4\_99, 10\_99\_99, 16\_1\_8)**31 - Added from 2008**: 10\_3\_4, 16\_1\_4 |
| AV11 | Child care | **33** - care of infants (3\_1\_1, 3\_1\_8, 3\_1\_9, 3\_1\_99, 8\_1\_1, 8\_1\_2, 8\_1\_99, 16\_1\_7 – where the who else present is a child aged <5)**34** - general care of older children (3\_1\_1, 3\_1\_8, 3\_1\_9, 3\_1\_99, 8\_1\_1, 8\_1\_2, 8\_1\_99, 16\_1\_7 – where the who else present is a child aged >4 and <18)**35** - medical care of children (3\_3\_1, 3\_3\_2, 3\_3\_3, 3\_3\_99)**36** - play with children (3\_1\_3)**37** - supervise, help with homework (3\_1\_4, 3\_1\_7, 3\_2\_1, 3\_2\_2, 3\_2\_3, 3\_2\_4, 3\_2\_99)**38** - read to, talk with child (3\_1\_2, 3\_1\_6)**39** - other child care (3\_1\_10, 3\_1\_11, 3\_1\_12, 3\_99\_99)**65** – physical activity, sport with child (3\_1\_5, 4\_1\_5) |
| AV12 | Domestic travel | **91** - travel related to personal care (18\_1\_1, 18\_1\_99, 18\_11\_1 to 18\_11\_99, 18\_3\_2, 18\_4\_1, 18\_4\_2, 18\_4\_99)**95** - travel related to consumption (18\_2\_1 to 18\_2\_99, 18\_7\_1 to 18\_7\_99, 18\_8\_1 to 18\_8\_99, 18\_9\_1 to 18\_9\_99, 18\_10\_1 to 18\_10\_99)**96** - travel related to child care (18\_3\_1, 18\_3\_99)**97** - travel for adult care, volunteering (18\_14\_1 to 18\_14\_99, 18\_15\_1 to 18\_15\_99) |
| AV13 | Dressing/toilet | **1** - general personal care (50\_1\_5, 1\_4\_1, 1\_4\_99, 1\_5\_99, 1\_99\_99)**2** - imputed unknown personal care (no code)**6** - washing, dressing (1\_2\_1, 1\_2\_99) |
| AV14 | Receiving Personal services | **7** - personal medical care (1\_3\_1, 1\_3\_99, 1\_5\_1)**28** - purchase personal services (8\_5\_1, 8\_5\_2, 8\_5\_99, 16\_1\_5)**29** - purchase medical services (8\_4\_1, 8\_4\_2, 8\_4\_3, 8\_4\_99, 8\_7\_1, 8\_7\_2, 8\_7\_99)**32** - purchase other services (8\_3\_1, 8\_3\_2, 8\_3\_99, 8\_6\_1, 8\_6\_2, 8\_8\_1, 8\_8\_99, 8\_99\_99) |
| AV15 | Meals/snacks | **9** - other meals and snacks (11\_1\_1, 11\_1\_99, 11\_2\_1, 11\_2\_3, 11\_2\_4, 11\_2\_99, 11\_99\_99 - location not restaurant) |
| AV16 | Sleep/naps | **3** - sleep (1\_1\_1, 1\_1\_2)**4** - imputed sleep (no code)**5** - naps and rest (1\_1\_99) |
| AV17 | Leisure travel | **90** - imputed travel (50\_1\_3)**98** - leisure travel (18\_12\_1 to 18\_12\_99, 18\_13\_1 to 18\_13\_99, 18\_16\_1 to 18\_16\_99, 18\_17\_1 to 18\_17\_99, 18\_99\_99) |
| AV18 | Excursions, trips | **50** - general out of home leisure (12\_4\_5, 12\_4\_99, 12\_5\_4)**54** - museums, exhibitions (12\_4\_2)**55** - attend other public event (no code)**64** - outdoor recreation (13\_1\_8) |
| AV19 | Playing sport | **60** - sports and exercise (13\_1\_1, 13\_1\_2, 13\_1\_3, 13\_1\_5, 13\_1\_7, 13\_1\_9, 13\_1\_10, 13\_1\_11, 13\_1\_13 to 13\_1\_15, 13\_1\_17, 13\_1\_19 to 13\_1\_30, 13\_1\_32 to 13\_1\_99, 13\_3\_1, 13\_4\_1, 13\_99\_99)**63** - cycling (13\_1\_4)**66** - hunting, fishing, boat, hike (13\_1\_6, 13\_1\_12, 13\_1\_16, 13\_1\_18) |
| AV20 | Watching sport | **51** - attend sporting event (13\_2\_1 to 13\_2\_99, 13\_3\_2, 13\_3\_99, 13\_4\_2, 13\_4\_99) |
| AV21 | Walks | **62** - walking (13\_1\_31, 50\_1\_1 to 50\_1\_7, 50\_99\_99-location walking) |
| AV22 | At church | **49** - worship and religious acts (14\_1\_1, 14\_1\_2, 14\_1\_3, 14\_1\_4, 14\_99\_99)**49 – Added from 2007**: 14\_1\_5 |
| AV23 | Civic organizations | **41** - general voluntary acts (15\_1\_1, 15\_1\_2, 15\_1\_3, 15\_1\_4, 15\_1\_5, 15\_1\_6, 15\_1\_99, 15\_2\_1, 15\_2\_2, 15\_2\_3, 15\_2\_4, 15\_2\_99, 15\_3\_1, 15\_3\_2, 15\_3\_99, 15\_4\_1, 15\_4\_2, 15\_4\_99, 15\_5\_1, 15\_5\_99, 15\_6\_1, 15\_6\_2, 15\_6\_99, 15\_7\_1, 15\_7\_99, 15\_99\_99)**41- Added from 2007** (15\_8\_1, 15\_8\_99)**42** - political and civic activity (10\_2\_1, 10\_2\_99, 10\_3\_3)**42- Added from 2008** (10\_3\_5)**43** - union and professional activity (no code)**44** - volunteer for child/family organisation (no code)**45** - volunteer fraternal organisation (no code)**46** - other formal volunteering (no code)**48** - volunteer for religious organisation (no code) |
| AV24 | Cinema/theatre | **52** - see film, go to cinema (12\_4\_3)**53** - theatre, concert, opera (12\_4\_1) |
| AV25 | Dance/party, etc. | **57** - parties or receptions (12\_2\_1, 12\_2\_2, 12\_2\_99) |
| AV26 | Social clubs | Not possible to create |
| AV27 | Pubs | Not possible to create |
| AV28 | Restaurants | **9** - other meals & snacks (11\_1\_1, 11\_1\_99, 11\_2\_1, 11\_2\_3, 11\_2\_4, 11\_2\_99, 11\_99\_99 - location restaurant) **56** - café, bar (11\_1\_1, 11\_1\_99, 11\_2\_2, 12\_4\_4 , 11\_2\_99) |
| AV29 | Visiting friends | **71** - imputed social activity, location not at home (no code)**72** - receive or visit friends, location not at home (12\_1\_1, 12\_1\_99) |
| AV30 | Listening to radio | **85** - listen to radio (12\_3\_5) |
| AV31 | Watching T.V. | **86** - watch television (12\_3\_3, 12\_3\_4) |
| AV32 | Listening to music, etc. | **84** - listen to music, CD, etc. (12\_3\_6) |
| AV33 | Study | **17** - homework (6\_3\_1, 6\_3\_2, 6\_3\_3, 6\_3\_99)**89** - use computer (2\_9\_4, 12\_3\_8) |
| AV34 | Reading books | **81** - read books (12\_3\_12) |
| AV35 | Reading papers/magazines | Not possible to create |
| AV36 | Relaxing | **70** - general indoor leisure (no code)**78** - relax, think, do nothing (12\_3\_1, 12\_3\_2, 12\_3\_99, 12\_5\_1, 12\_5\_2, 12\_5\_3, 12\_5\_99) |
| AV37 | Conversation | **88** - conversation, phone, texting (16\_1\_1, 16\_1\_2, 16\_1\_99, 16\_2\_1, 16\_2\_99, 16\_99\_99) |
| AV38 | Entertaining friends | **71** - imputed social activity (no code)**72** - receive or visit friends(12\_1\_1, 12\_1\_99) |
| AV39 | Knitting/sewing | **76** - crafts (12\_3\_9) |
| AV40 | Pastimes/hobbies | **73** - other in-home social games (12\_3\_7, 12\_99\_99)**74** - play musical instrument, sing, act (no code)**75** - artistic activity (12\_3\_13)**77** - hobbies (12\_3\_10, 12\_3\_11)**87** - writing by hand (2\_9\_3) |
| AV41 | Unknown activity | **-8** - missing (no code)**58** - imputed time away from home |

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| **MAIN/SEC 69 Variables** | **Activity** | **USA 2011 & 2012 original activity codes****(Bold codes are AHTUS activity categories)** |
| Main/Sec1 | Imputed personal and household care | short gap prior to travel from home or returning home from travel added by the MTUS team in the sequence of personal care |
| Main2 | Sleep or nap | **3** - sleep (1\_1\_1, 1\_1\_2)**5** - naps and rest (1\_1\_99) |
| Main3 | Imputed sleep | **4** - imputed sleep (code added by the MTUS team in the sequence of personal care) |
| Main4 | Wash/dress/care for self | **1** - general personal care (50\_1\_5, 1\_4\_1, 1\_4\_99, 1\_5\_99, 1\_99\_99)**6** - washing, dressing (1\_2\_1, 1\_2\_99)**7** - personal medical care (1\_3\_1, 1\_3\_99, 1\_5\_1) |
| Main5 | Meals at work or school | **8** - meals at work (5\_2\_2) |
| Main6 | Other meals | **9** - other meals and snacks (11\_1\_1, 11\_1\_99, 11\_2\_1, 11\_2\_3, 11\_2\_4, 11\_2\_99, 11\_99\_99 - location not restaurant) |
| Main7 | Paid work, main job (not at home) | **10** - main paid work (5\_1\_1, 5\_1\_99, 5\_2\_99, 5\_99\_99 – location not at home) |
| Main8 | Paid work at home | **11** - paid work at home (5\_1\_1, 5\_1\_99, 5\_2\_99, 5\_99\_99 – location not at home) |
| Main9 | Second or other job not at home | **12** - second job, other paid work (5\_1\_2, 5\_3\_2, 5\_3\_3, 5\_3\_5, 5\_3\_99) |
| Main10 | Unpaid work to generate household income | 5\_3\_1, 5\_3\_4 |
| Main11 | Travel as a part of work | **92** - travel as part of paid work (18\_5\_2) |
| Main12 | Work breaks | **13** - work breaks (5\_2\_1, 5\_2\_3)  |
| Main13 | Other time at workplace | **14** - other time at workplace (5\_1\_3, 5\_1\_4, 5\_2\_4) |
| Main14 | Look for work | **15** - time looking for work (5\_4\_1, 5\_4\_2, 5\_4\_3, 5\_4\_4, 5\_4\_5, 5\_4\_99, 18\_5\_4) |
| Main15 | Regular schooling, education | **16** - regular schooling (6\_1\_1, 6\_1\_3, 6\_1\_4, 6\_1\_99) |
| Main16 | Homework | **17** - homework (6\_3\_1, 6\_3\_2, 6\_3\_3, 6\_3\_99) |
| Main17 | Leisure/other education of training | **18** - short course training (6\_1\_2, 6\_2\_99)**19** - occasional lectures (6\_2\_1, 6\_2\_2, 6\_2\_3, 6\_2\_4, 6\_4\_1, 6\_4\_2, 6\_4\_3, 6\_4\_99, 6\_99\_99, 16\_1\_3) |
| Main18 | Food preparation/ cooking | **20** - food preparation/cooking (2\_2\_1, 2\_2\_2) |
| Main19 | Set table, wash or put away dishes | **21** - set table, put away dishes (2\_2\_3, 2\_2\_99) |
| Main20 | Cleaning | **22** - cleaning (2\_1\_1, 2\_3\_1, 2\_3\_99, 2\_4\_1) |
| Main21 | Laundry, ironing, clothing repair | **23** - laundry, ironing, clothing repair (2\_1\_2, 2\_1\_3) |
| Main22 | Home/vehicle maintenance or improvement | **24** - home repairs, maintain vehicles (2\_3\_2, 2\_3\_3, 2\_4\_2, 2\_4\_99, 2\_5\_2, 2\_7\_1, 2\_7\_99, 2\_8\_1, 2\_8\_99) |
| Main23 | Other domestic work | **25** - other domestic work (2\_1\_4, 2\_1\_99, 2\_9\_1, 2\_9\_2, 2\_9\_5, 2\_9\_99, 2\_99\_99) |
| Main24 | Purchase goods and general consumption activities | **26** - purchase routine goods (7\_1\_1, 7\_1\_3, 7\_1\_4, 7\_1\_5, 9\_1\_2)**27** - purchase consumer durables (7\_2\_1, 7\_1\_2, 7\_2\_99, 7\_3\_1, 7\_3\_99, 7\_99\_99, 16\_1\_4, 7\_1\_99) |
| Main25 | Consume personal services | **28** - purchase personal services (8\_5\_1, 8\_5\_2, 8\_5\_99, 16\_1\_5) **29** - purchase medical services (8\_4\_1, 8\_4\_2, 8\_4\_3, 8\_4\_99, 8\_7\_1, 8\_7\_2, 8\_7\_99) |
| Main26 | Consume other services | **30** - purchase repair, laundry services (9\_1\_1, 9\_1\_3, 9\_1\_4, 9\_1\_99, 9\_2\_1, 9\_2\_2, 9\_2\_99, 9\_3\_1, 9\_3\_2, 9\_3\_99, 9\_4\_1, 9\_4\_2, 9\_4\_99, 9\_5\_1, 9\_5\_2, 9\_5\_99, 9\_99\_99, 16\_1\_6)**31** - financial services (8\_2\_1, 8\_2\_2, 8\_2\_3, 8\_2\_99, 10\_1\_1, 10\_1\_2, 10\_1\_3, 10\_1\_99, 10\_3\_1, 10\_3\_2, 10\_3\_99, 10\_4\_1, 10\_4\_99, 10\_99\_99, 16\_1\_8)**31 - Added from 2008**: 10\_3\_4, 16\_1\_4**32** - purchase other services (8\_3\_1, 8\_3\_2, 8\_3\_99, 8\_6\_1, 8\_6\_2, 8\_8\_1, 8\_8\_99, 8\_99\_99) |
| Main27 | Pet care (not walk dog) | **68 -** pet care (2\_6\_1, 2\_6\_99**68 – Added from 2008**: 2\_6\_2and mtrav~=3(not walk, if walk Main/Sec47)) |
| Main28 | Physical, medical child care | **33** - care of infants (3\_1\_1, 3\_1\_8, 3\_1\_9, 3\_1\_99, 8\_1\_1, 8\_1\_2, 8\_1\_99, 16\_1\_7 – where the who else present is a child aged <5)**35** - medical care of children (3\_3\_1, 3\_3\_2, 3\_3\_3, 3\_3\_99) |
| Main29 | Teach, help with homework | **37** - supervise, help with homework (3\_1\_4, 3\_1\_7, 3\_2\_1, 3\_2\_2, 3\_2\_3, 3\_2\_4, 3\_2\_99) |
| Main30 | Read to, talk or play with child | **36** - play with children (3\_1\_3)**38** - read to, talk with child (3\_1\_2, 3\_1\_6)**65** - physical activity, sport with child (3\_1\_5, 4\_1\_5) |
| Main/Sec31 | Supervise, accompany, other child care | **34** - general care of older children (3\_1\_1, 3\_1\_8, 3\_1\_9, 3\_1\_99, 8\_1\_1, 8\_1\_2, 8\_1\_99, 16\_1\_7 – where the who else present is a child aged >4 and <18)**39** - other child care (3\_1\_10, 3\_1\_11, 3\_1\_12, 3\_99\_99) |
| Main32 | Adult care | **40** - adult care (3\_4\_1, 3\_4\_2, 3\_4\_3, 3\_4\_4, 3\_4\_5, 3\_4\_99, 3\_5\_1, 3\_5\_2, 3\_5\_3, 3\_5\_4, 3\_5\_99, 4\_1\_1, 4\_1\_2, 4\_1\_3, 4\_1\_4, 4\_1\_6, 4\_1\_7, 4\_1\_8, 4\_1\_9, 4\_1\_10, 4\_1\_11, 4\_1\_12, 4\_1\_99, 4\_2\_1, 4\_2\_2, 4\_2\_3, 4\_2\_4, 4\_2\_99, 4\_3\_1, 4\_3\_2, 4\_3\_3, 4\_3\_99, 4\_4\_1, 4\_4\_2, 4\_4\_3, 4\_4\_4, 4\_4\_5, 4\_4\_99, 4\_5\_1, 4\_5\_2, 4\_5\_3, 4\_5\_4, 4\_5\_5, 4\_5\_6, 4\_5\_7, 4\_5\_8, 4\_5\_99, 4\_99\_99) |
| Main33 | Voluntary, civic, organisational activity | **41** - general voluntary acts (15\_1\_1, 15\_1\_2, 15\_1\_3, 15\_1\_4, 15\_1\_5, 15\_1\_6, 15\_1\_99, 15\_2\_1, 15\_2\_2, 15\_2\_3, 15\_2\_4, 15\_2\_99, 15\_3\_1, 15\_3\_2, 15\_3\_99, 15\_4\_1, 15\_4\_2, 15\_4\_99, 15\_5\_1, 15\_5\_99, 15\_6\_1, 15\_6\_2, 15\_6\_99, 15\_7\_1, 15\_7\_99, 15\_99\_99)**41 - Added from 2007** (15\_8\_1, 15\_8\_99)**42** - political and civic activity (10\_2\_1, 10\_2\_99, 10\_3\_3)**42- Added from 2008** (10\_3\_5)**43** - union and professional activity (no code)**44** - volunteer for child/family organisation (no code)**45** - volunteer fraternal organisation (no code)**46** - other formal volunteering (no code)**48** - volunteer for religious organisation (no code) |
| Main34 | Worship and religion | **49** - worship and religious acts (14\_1\_1, 14\_1\_2, 14\_1\_3, 14\_1\_4, 14\_99\_99)**49 – Added from 2007**: 14\_1\_5 |
| Main35 | General out-of-home leisure | **50** - general out of home leisure (12\_4\_5, 12\_4\_99, 12\_5\_4) |
| Main36 | Attend sporting event | **51** - attend sporting event (13\_2\_1 to 13\_2\_99, 13\_3\_2, 13\_3\_99, 13\_4\_2, 13\_4\_99) |
| Main37 | Cinema, theatre, opera, concert | **52** - see film, go to cinema (12\_4\_3)**53** - theatre, concert, opera (12\_4\_1) |
| Main38 | Other public event, venue | **54** - museums, exhibitions (12\_4\_2)**55** - attend other public event (no code) |
| Main39 | Restaurant, café, bar, pub | **56** - café, bar (11\_1\_1, 11\_1\_99, 11\_2\_2, 12\_4\_4 , 11\_2\_99) |
| Main40 | Party, reception, social event, gambling | **57** - parties or receptions (12\_2\_1, 12\_2\_2, 12\_2\_99) |
| Main41 | Imputed time away from home | **58** - imputed time away from home |
| Main42 | General sport or exercise | **60** - sports and exercise (13\_1\_1, 13\_1\_2, 13\_1\_3, 13\_1\_5, 13\_1\_7, 13\_1\_9, 13\_1\_10, 13\_1\_11, 13\_1\_13 to 13\_1\_15, 13\_1\_17, 13\_1\_19 to 13\_1\_30, 13\_1\_32 to 13\_1\_99, 13\_3\_1, 13\_4\_1, 13\_99\_99) |
| Main43 | Walking | **62** - walking (13\_1\_31, 50\_1\_1 to 50\_1\_7, 50\_99\_99-location walking) |
| Main44 | Cycling | **63** - cycling (13\_1\_4) |
| Main45 | Other out-of-doors recreation | **64** - outdoor recreation (13\_1\_8)  |
| Main46 | Garden, forage (pick mushrooms), hunt/fish | **66** - hunting, fishing, boat, hike (13\_1\_6, 13\_1\_12, 13\_1\_16, 13\_1\_18)**67** - gardening (2\_5\_1, 2\_5\_99) |
| Main47 | Walk dogs | **68-** walk dogs(2\_6\_1,2\_6\_99 **68 – Added from 2008**: 2\_6\_2and mtrav=3 (walk, if not walk Main/Sec27) |
| Main48 | Receive or visit friends | **72** - receive or visit friends, location not at home (12\_1\_1, 12\_1\_99) |
| Main49 | Conversation (in person, phone) | **88** - conversation, phone, texting (16\_1\_1, 16\_1\_2, 16\_2\_1, 16\_1\_99, 16\_2\_99, 16\_99\_99) |
| Main50 | Other in-home social, games | **71** - imputed social activity, location not at home (no code)**73** - other in-home social games (12\_3\_7, 12\_99\_99) |
| Main51 | General indoor leisure | **70** - general indoor leisure (no code)**- could not be created for 2012** |
| Main52 | Artistic or musical act | **74** - play musical instrument, sing, act (no code)**75** - artistic activity (12\_3\_13) |
| Main53 | Written correspondence | **87** - writing by hand (2\_9\_3) |
| Main54 | Knit, crafts, hobbies | **76** - crafts (12\_3\_9)**77** - hobbies (12\_3\_10, 12\_3\_11) |
| Main55 | Relax, think, do nothing | **78** - relax, think, do nothing (12\_3\_1, 12\_3\_2, 12\_3\_99, 12\_5\_1, 12\_5\_2, 12\_5\_3, 12\_5\_99) |
| Main56 | Read | **81** - read books (12\_3\_12)**82** - read magazines (no code)**83** - read newspapers (no code)NOT POSSIBLE TO CREATE (for this study, not for the other AHTUS studies) |
| Main57 | Listen to music, Ipod, CD | **84** - listen to music, CD, etc. (12\_3\_6) |
| Main58 | Listen to radio | **85** - listen to radio (12\_3\_5) |
| Main59 | Watch TV, DVD, video | **86** – watch television (12\_3\_3, 12\_3\_4) |
| Main60 | Play computer games | Not possible to create |
| Main61 | Send e-mail, surf internet, computing | **89** - use computer (2\_9\_4, 12\_3\_8) |
| Main/Sec62 | No activity but recorded mode of travel | **90** - imputed travel (50\_1\_3) |
| Main63 | Travel to or from work | **93** - travel to and from work (18\_5\_1, 18\_5\_3, 18\_5\_99) |
| Main64 | Education-related travel | **94** - travel related to education (18\_6\_1, 18\_6\_2, 18\_6\_99) |
| Main65 | Voluntary, civic, religious travel | **97** - travel for adult care, volunteering (18\_10\_2, 18\_14\_1 to 18\_14\_99, 18\_15\_1 to 18\_15\_99) |
| Main66 | Child & adult care travel | **96** - travel related to child care (18\_3\_1, 18\_3\_99) |
| Main67 | Shopping, personal & household care travel | **95** - travel related to consumption (18\_2\_1 to 18\_2\_99, 18\_7\_1 to 18\_7\_99, 18\_8\_1 to 18\_8\_99, 18\_9\_1 to 18\_9\_99, 18\_10\_1, 18\_10\_99) |
| Main68 | Other travel | **98** - leisure travel (18\_12\_1 to 18\_12\_99, 18\_13\_1 to 18\_13\_99, 18\_16\_1 to 18\_16\_99, 18\_17\_1 to 18\_17\_99, 18\_99\_99) |
| Main/Sec69 | No recorded activity | **-8** - missing (no code) |

|  |  |  |
| --- | --- | --- |
| **Location / ICT Variables** | **Value labels** | **USA 2011 & 2012 original activity and location codes** |
| Inout = 1 | Inside | Where<12 (drive car/truck/motorcycle)Main activity15\_2\_2 collect, deliver goods as volunteerWhere>29 and where<89Main activity2\_1\_1 interior cleaning2\_3\_1 interior decoration, repair 2\_3\_99 interior maintenance necessary2\_1\_4 store household items15\_3\_2 indoor maintenance, clean as volunteer<2\_0\_0 all forms of personal care13\_21\_9 watch martial arts13\_2\_15 watch gymnastics13\_2\_7 watch bowling13\_2\_5 watch billiards13\_11\_9 martial arts13\_11\_5 gymnastics13\_1\_7 bowling13\_1\_5 billiardsOr location reported but not travel or outside |
|  Inout = 2 | Outside (main or secondary activity or location code) | Where~=18(not boat/ferry)Where~=19 (not taxi)Where=9 (outdoors not at home)Where=17 (bicycle)Main activity=2\_4\_1 exterior cleaning2\_4\_2 exterior repair, improvement2\_4\_99 exterior repair, maintenance nec2\_5\_1 lawn, garden & houseplant care2\_5\_2 maintain ponds, pools, hot tubs2\_5\_99 lawn & garden nec7\_1\_2 purchasing gas4\_5\_2 help non-hh adult with garden/lawn4\_1\_5 play sports with child of other hh13\_1\_2 baseball13\_1\_4 biking13\_1\_6 boating13\_1\_8 climbing, spelunking13\_1\_10 equestrian, fencing13\_1\_12 fishing13\_1\_13 football13\_1\_14 golfing13\_1\_16 hiking13\_1\_18 hunting13\_1\_21 rodeo13\_1\_23 rugby13\_1\_24 run13\_1\_26 'soccer' - real football13\_1\_27 softball13\_1\_29 vehicle touringWhere=14(walking) Main activity=3\_1\_3 play with child, not sports3\_1\_5 play sports with own hhold child3\_11\_2 pick-up/ drop off child3\_1\_99 care for child nec4\_1\_99 care for child from other hhold nec4\_4\_1 physical care for adult other hhold4\_99\_99 other care for other hhold nec4\_5\_7 drop off/pick-up non-hh adult 50\_1\_3 security related to work50\_1\_4 wait related to work 11\_2\_3 wait for eat, drink in transit 15\_2\_2 collect, deliver goods as volunteer18\_1\_1 to 18\_99\_99 all forms of travel  |
| Inout = 3 | In vehicle | Location not outside but any main or secondary activity is travel or location is a mode of transport other than walking or cyclingWhere=12 (drive car/truck/motorcycle)Where=13 (passenger car/truck/motorcycle)Where=14 (walking)Where=15 (bus)Where=16 (subway/train)Where=18 (boat/ferry)Where=19 (taxi/limousine services)Where=20 (airplane)Where=21 (other)Where=99 (unspecified mode of transport)Main activity3\_1\_3 play with child, not sports3\_5\_3 pick up/drop off adults3\_1\_12 pick up/ drop off child3\_11\_2 pick-up/dropping off child3\_5\_3 pick up/drop off adults4\_5\_7 drop off/pick-up non-household adult 4\_11\_2 pick-up/drop off other household child11\_2\_3 wait for eat, drink in transit 15\_2\_2 collect, deliver goods as volunteer18\_1\_1 to 18\_99\_99 all forms of travel |
| Eloc = 1 | Own home | Where=1 (home) |
| Eloc = 2 | Another’s home | Where=3 (other people’s home) |
| Eloc = 3 | Workplace | Where=2 (respondent’s workplace) |
| Eloc = 4 | School | Where=8 (school)  |
| Eloc = 5 | Service or shop  | Where=6 (grocery store) Where=7 (other store/mail)Where=10 (library)Where=30 (bank) Where=31 (gym/health club)Where=32 (post office) |
| Eloc = 6 | Restaurant, café | Where=4 (restaurant, bar) |
| Eloc = 7 | Place of worship | Where=5 (place of worship) |
| Eloc = 8 | Travelling | Where>11 and Where<22 (mode of transport range) |
| Eloc = 9 | Other locations | Location variable specified but not otherwise codedWhere=9 (outdoors away from home)Where=11 (other) |
| Mtrav = 1 | Car, motorcycle, taxi | Where=12 (driver in car/truck/motorcycle)Where=13 (passenger in car/truck/motorcycle)Where=19 (taxi/limousine) |
| Mtrav = 2 | Public transport | Where=15 (bus)Where=16 (bus)Where=18 (boat/ferry)Where=20 (airplane) |
| Mtrav = 3 | Walk | Where=14 (walking)Or main activity =13\_1\_31 walking |
| Mtrav = 4 | Cycle or other active transport | Where=17 (bicycle)Or main or secondary activity =13\_1\_4 biking |
| Mtrav=5 | Other & unspecified | Where=21 (other)Where=99 (unspecified mode of transport)Or inout=3 (in vehicle) Or eloc=8 (travelling) |
| ICT = 1 | Reported using computer, internet or other ICT (as main or secondary activity) | 2\_9\_4 hhold & personal e-mail12\_3\_8 use computer for leisure |

|  |  |  |
| --- | --- | --- |
| **Who else present variables** | **Value labels** | **USA 2011 & 2012 original activity and location codes (not collected during sleep, paid work or education)** |
| Alone = 1 | Reported alone or with persons unknown | Tuwhocod=18 or Tuwhocod=19 (who else present code is “alone”.)\*note that there are two codes for “alone” in ATUS. |
| Child = 1 | Reported child present | u18=1 and Tuwhocod>21 \*note that some spouses aged younger than 18 - to avoid confusion with spouse and a child being present from cases of a spouse aged 16-17 only present we coded the child variables only for cases where the who else present code is not spouse/partner |
| Sppart = 1 | Reported spouse or partner present | Tuwhocod=20 (Spouse (Husband/Wife)) Tuwhocod=21 (Unmarried partner) |
| Oad = 1 | Reported other known adult (not include spouse) present | Tuwhocod>19 and u18=0 (the diarist is not alone and the other person present is not under 18)\*note that for the child diaries, this will sometimes mean another child is present, but not possible to distinguish adults present from children presentTuwhocod=20 (Spouse (Husband/Wife))Tuwhocod=21 (Unmarried Partner)Tuwhocod=22 (Own household child)Tuwhocod=23 (Grandchild)Tuwhocod=24 (Parent (Mother/Father))Tuwhocod=25 (Brother/Sister)Tuwhocod=26 (Other Related Person)Tuwhocod=27 (Foster Child)Tuwhocod=28 (Housemate/Roommate)Tuwhocod=29 (Roomer/Boarder)Tuwhocod=30 (Other Non-relative)Tuwhocod=40 (Own Non household Child)Tuwhocod=51 (Parents/In-Law (not in Household))Tuwhocod=52 (Other Non-Household Family Members <18)Tuwhocod=53 (Other Non-Household Family Members 18+)Tuwhocod=54 (Friends)Tuwhocod=56 (Neighbours/Acquaintances)Tuwhocod=57 (Other Non-household Children < 18)Tuwhocod=58 (Other Non-household Adults 18+)Tuwhocod=59 (Boss or manager)Tuwhocod=60 (People whom respondent supervise)Tuwhocod=59 (Co-Workers)Tuwhocod=59 (Customers) |

**VARIABLE-SPECIFIC INFORMATION**

* **THE FOLLOWING VARIABLES COULD NOT BE CREATED FOR THIS SURVEY:**
	+ CARER
	+ COMPUTER
	+ HEALTH
	+ HLDID
	+ RUSHED
	+ VEHICLE

### DISAB/RETIRED/UNEMP

None of the disabled diarists are coded as employed in the original files. Similarly only 7 retired diarists coded as employed. Clearly some disabled people and more of the retired people should be working. Unemployed people are defined by the survey as working no hours.

|  |  |
| --- | --- |
|  | **DISABILITY** |
|   | **2011** | **2012** |
| **Employment Status** | No | Yes | Total | No | Yes | Total |
| Full-time | 5878 | 0 | 5878 | 5796 | 0 | 5796 |
| Part Time | 1510 | 0 | 1510 | 1589 | 0 | 1589 |
| Not in paid work | 3950 | 640 | 4590 | 3928 | 662 | 4590 |
| Total | 11338 | 640 | 11978 | 11313 | 662 | 11975 |
|  |  |  |  |  |  |  |
|  | **RETIRED** |
|   | **2011** | **2012** |
| **Employment Status** | No | Yes | Total | No | Yes | Total |
| Full-time | 5876 | 2 | 5878 | 5796 | 0 | 5796 |
| Part Time | 1505 | 5 | 1510 | 1584 | 5 | 1589 |
| Not in paid work | 2542 | 2084 | 4590 | 2447 | 2143 | 4590 |
| Total | 9923 | 2055 | 11978 | 9827 | 2148 | 11975 |

* **EDUCA**

|  |  |  |  |
| --- | --- | --- | --- |
|   | **2011** | **2012** |   |
|   | Frequency | Percent | Frequency | Percent |
| 1 grades 0-8 only | 601 | 4.8 | 471 | 3.9 |
| 2 grades 9-11 - not hs graduate | 1326 | 10.6 | 872 | 7.3 |
| 3 high school graduate | 3353 | 26.9 | 3151 | 26.3 |
| 4 some college | 2170 | 17.4 | 2268 | 18.9 |
| 5 college graduate | 3523 | 28.2 | 3667 | 30.6 |
| 6 postgraduate | 1506 | 12.1 | 1546 | 12.9 |
| Total | 12479 | 100 | 11975 | 100.0 |

### EMPSP

The employment status of the spouse is based on information from Wave 8 of the CPS rather than information contemporary to the diary. In most cases, a period of around two months elapsed between the Wave 8 interview and the Wave 9 diary interview. The high level of non-response on this variable reflects cases where diarists had acquired a new spouse or co-habiting partner since wave 8 (and hence no data is available for the partner), as well as cases where the diarist and spouse did not participate in Wave 8 while other household members did participate in the previous wave.

* **HLDID**

The original ATUS data included a variable called "hrhhid" which served as a household identifier facilitating matching ATUS data to the earlier CPS waves from diarists. In earlier versions of the MTUS, we used this variable to make the MTUS variable HLDID. Some values of "hrhhid" have been recycled from year to year, which means that this variable no longer offers unique values across all years of the ATUS. As this survey only collected one diary from one person in each household, and as an alternative and much easier means of matching variables from the CPS into the MTUS data, the ATUS-X Extract system, now exists, we have set the values for this variable to 0 for all cases, and refer users to the ATUS-X to add CPS variables to the MTUS files <https://www.atusdata.org/index.shtml>

* **INCORIG**

Unlike in previous years there was no missing in this variable in the original CPS file.

|  |
| --- |
|  **INCORIG** |
|  | **2011** | **2012** |
|   | Frequency | Percent | Frequency | Percent |
| -8 missing | 0 | 0 | 0 | 0 |
| 1 Less than $5,000 | 416 | 3.3 | 340 | 2.7 |
| 2 5,000 to 7,499 | 265 | 2.1 | 245 | 2.0 |
| 3 7,500 to 9,999 | 345 | 2.8 | 370 | 3.0 |
| 4 10,000 to 12,499 | 465 | 3.7 | 475 | 3.8 |
| 5 12,500 to 14,999 | 422 | 3.4 | 415 | 3.3 |
| 6 15,000 to 19,999 | 662 | 5.3 | 646 | 5.2 |
| 7 20,000 to 24,999 | 758 | 6.1 | 717 | 5.8 |
| 8 25,000 to 29,999 | 768 | 6.2 | 779 | 6.3 |
| 9 30,000 to 34,999 | 767 | 6.1 | 700 | 5.6 |
| 10 35,000 to 39,999 | 715 | 5.7 | 685 | 5.5 |
| 11 40,000 to 49,999 | 1026 | 8.2 | 1104 | 8.9 |
| 12 50,000 to 59,999 | 1024 | 8.2 | 1060 | 8.5 |
| 13 60,000 to 74,999 | 1221 | 9.8 | 1183 | 9.5 |
| 14 75,000 to 99,999 | 1418 | 11.4 | 1438 | 11.6 |
| 15 100,000 to 149,999 | 1305 | 10.5 | 1367 | 11.0 |
| 16 150,000 and over | 902 | 7.2 | 919 | 7.4 |
| Total | 12479 | 100 | 12443 | 100.0 |

* **OCOMBWT**

The original weight inflates to the size of the USA population.

* **RELREFP**

This variable relates to the relationship of the diarist to the CPS reference person. All people in the household aged 15+, including the reference person, had a chance of selection as the diarist for the sub-sample selected for the 9th time diary wave. Note also that 3 categories are not available in this study: 6/son or daughter in law; 7/parent in law; 8/brother or sister in law.

RELREFP is derived from CPS file which is conducted approximately two months before the diary collection. As a result of this time lag and/or coding errors in the original files, there are some inconsistencies between the RELREFP variable and relevant background variables in respondent and roster files. We check all such cases in all three files, and make necessary corrections with respect to the most recent file unless the information in CPS file is more reasonable.

In 2011, 45 and in 2012, 41 diarists were coded as a “spouse” in RELREFP variable but as "no spouse or married partner present" in roster and respondent files and any information about the spouse was accordingly not available. In all these cases all the background information was visually examined in all three files and the most recent data was taken as a reference, unless there is extra information validating the CPS reports. See the create\_USA2011\_W58 and create\_USA2012\_W58 syntax file for more detailed information on these cases.

* **SECONDARY ACTIVITY**

Unlike in previous years in 2011 and 2012 the respondents were asked whether they provide secondary elderly care. In 2011 72 diarists reported both secondary elderly care and secondary childcare at the same time in 247 episodes. While in 2012 60 diarists reported both secondary elderly care and secondary childcare at the same time in 135 episodes. When two activities are reported simultaneously we coded these as secondary elderly care in the main file. However an extra supplement file is also provided (USAxincare) which includes variables PERSID (person identifier), EPNUM (episode number) and XINCARE, a flag variable that indicates for the duration of the episode the diarist reported both secondary elderly care and having a child in their care. Users should use PERSID and EPNUM to link two files and the flag variable XINCARE to identify the cases where for the duration of the episode the diarist had both a child in her care and also involving in secondary elderly care in addition to her/his primary activity. The personal identifiers of those 72 diarists in 2011 and 60 diarists in 2012 are listed below.

|  |  |  |  |
| --- | --- | --- | --- |
|   | **2011-PERSID** |  | **2011-PERSID** |
| 1 | 20110101111663 | 37 | 20110605111919 |
| 2 | 20110111101876 | 38 | 20110605112008 |
| 3 | 20110112101164 | 39 | 20110605112177 |
| 4 | 20110112101574 | 40 | 20110705111369 |
| 5 | 20110112102235 | 41 | 20110706110819 |
| 6 | 20110112102311 | 42 | 20110706111380 |
| 7 | 20110112102316 | 43 | 20110706111896 |
| 8 | 20110201110721 | 44 | 20110706112048 |
| 9 | 20110202110944 | 45 | 20110706112355 |
| 10 | 20110212100764 | 46 | 20110706112435 |
| 11 | 20110301111459 | 47 | 20110707110621 |
| 12 | 20110301111607 | 48 | 20110707111547 |
| 13 | 20110302111158 | 49 | 20110707112269 |
| 14 | 20110302112014 | 50 | 20110707112472 |
| 15 | 20110402112439 | 51 | 20110807110677 |
| 16 | 20110403111267 | 52 | 20110807110797 |
| 17 | 20110403111582 | 53 | 20110807110953 |
| 18 | 20110403111863 | 54 | 20110807111485 |
| 19 | 20110403112200 | 55 | 20110807111676 |
| 20 | 20110403112310 | 56 | 20110808111735 |
| 21 | 20110403112414 | 57 | 20110808112320 |
| 22 | 20110404110525 | 58 | 20110907112316 |
| 23 | 20110404111161 | 59 | 20111008111825 |
| 24 | 20110503112346 | 60 | 20111009110966 |
| 25 | 20110504110121 | 61 | 20111009111004 |
| 26 | 20110504110627 | 62 | 20111009111696 |
| 27 | 20110504110813 | 63 | 20111009111795 |
| 28 | 20110504111090 | 64 | 20111009111833 |
| 29 | 20110504111231 | 65 | 20111009111938 |
| 30 | 20110504111338 | 66 | 20111010110607 |
| 31 | 20110505110147 | 67 | 20111010111580 |
| 32 | 20110505112022 | 68 | 20111109111287 |
| 33 | 20110604112128 | 69 | 20111109112219 |
| 34 | 20110605110956 | 70 | 20111211111093 |
| 35 | 20110605111244 | 71 | 20111211111519 |
| 36 | 20110605111487 | 72 | 20111211112139 |

|  |  |  |  |
| --- | --- | --- | --- |
|   | **2012-PERSID** |  | **2012-PERSID** |
| 1 | 20120112110076 | 31 | 20120605121576 |
| 2 | 20120112111322 | 32 | 20120605121735 |
| 3 | 20120112111673 | 33 | 20120605122274 |
| 4 | 20120112111835 | 34 | 20120705120814 |
| 5 | 20120201120650 | 35 | 20120706121247 |
| 6 | 20120201121211 | 36 | 20120706122176 |
| 7 | 20120201121252 | 37 | 20120706122466 |
| 8 | 20120201121649 | 38 | 20120707122094 |
| 9 | 20120201122335 | 39 | 20120707122243 |
| 10 | 20120201122390 | 40 | 20120807121103 |
| 11 | 20120212110969 | 41 | 20120807121272 |
| 12 | 20120212111305 | 42 | 20120807121585 |
| 13 | 20120212112453 | 43 | 20120907121621 |
| 14 | 20120302120872 | 44 | 20120908121332 |
| 15 | 20120302121259 | 45 | 20120908121786 |
| 16 | 20120302121886 | 46 | 20120908122123 |
| 17 | 20120302122279 | 47 | 20121009120056 |
| 18 | 20120303120620 | 48 | 20121009120771 |
| 19 | 20120303121658 | 49 | 20121009122004 |
| 20 | 20120402122283 | 50 | 20121010121810 |
| 21 | 20120403120087 | 51 | 20121110120847 |
| 22 | 20120403120877 | 52 | 20121110120983 |
| 23 | 20120502120614 | 53 | 20121110122032 |
| 24 | 20120504120553 | 54 | 20121110122508 |
| 25 | 20120504120704 | 55 | 20121111120662 |
| 26 | 20120504122160 | 56 | 20121111122318 |
| 27 | 20120504122512 | 57 | 20121211120700 |
| 28 | 20120605121173 | 58 | 20121211121196 |
| 29 | 20120605121360 | 59 | 20121211121845 |
| 30 | 20120605121406 | 60 | 20121212122431 |

* **URBAN**

We created the URBAN variable for 2003 using GEMETSTA, which gives metropolitan/non-metropolitan status of the area based on 1990 standards. The BLS discontinued this variable, and replaced it with GTMETSTA in May 2004. GTMETSTA is based on 2000 metropolitan status area standards and is not comparable to GTMETSTA. We have made the best use we can of the variables available in the ATUS files. For more on this see the original documentation on changes between ATUS 2003 to 2012 data files ([http://www.bls.gov/tus/changes.pdf](https://owa.nexus.ox.ac.uk/owa/redir.aspx?C=DVn7gGQm9EKShSq_UBgQVzIQ91Ligc8IVs4RxsGE2QiNIOZBss40uVl7tvjjdRZFtNrk52fZFbw.&URL=http%3a%2f%2fwww.bls.gov%2ftus%2fchanges.pdf)).