

Variables in the Time Diary Files

| | 1965-66 | 1975-76 | 1985 | 1992-94 | 2003 |
|---|--|---------|------|---------|------------------------------|
| Variables in all time use files | | | | | |
| DIARYDAY - day of week diary kept | x | x | x | x | x |
| 1 Sunday | | | | | |
| 2 Monday | | | | | |
| 3 Tuesday | | | | | |
| 4 Wednesday | | | | | |
| 5 Thursday | | | | | |
| 6 Friday | | | | | |
| 7 Saturday | | | | | |
| CDAY - calendar day | NO | x | x | x | x |
| MONTH - month diary kept | x | x | x | x | x |
| 1 January | | | | | |
| 2 February | | | | | |
| 3 March | | | | | |
| 4 April | | | | | |
| 5 May | | | | | |
| 6 June | | | | | |
| 7 July | | | | | |
| 8 August | | | | | |
| 9 September | | | | | |
| 10 October | | | | | |
| 11 November | | | | | |
| 12 December | | | | | |
| YEAR - year diary kept | x | x | x | x | x |
| LOWQUAL - marker of low quality diary (case 0 weighted if yes) | | | | | |
| 0 no | 2017 | 4424 | 2838 | 7122 | 18457 |
| 1 yes | 4 | 160 | 83 | 392 | 1206 |
| BADDEM - marker of missing age, sex, or diary day (case 0 weighted if yes) | | | | | |
| 0 no | 1993 | 4577 | 2733 | 7341 | 19663 |
| 1 yes | 28 | 7 | 188 | 173 | 0 |
| CAREMFLG – carer who likely combined basic activities (sleep, personal care, eat/drink) with care | | | | | |
| 0 no | 2012 | 4538 | 2913 | 7487 | 19315 |
| 1 yes | 9 | 46 | 8 | 27 | 348 |
| ORIGWGHT – original sample/day weight | | | | | |
| x | x | x | x | x | x |
| OWGHTFLG – flag for nature of original weight | | | | | |
| 1 population weight to match census or CPS distribution | x | x | | | |
| 3 population & day weight from survey | | | x | x | x |
| XTIMEWT – recwght limited to states available in all samples | | | | | |
| x | x | x | x | x | x |
| INFLTWT - recwght inflated to CPS population | | | | | |
| x | x | x | x | x | x |
| RECWGHT – recommended sample/day weight with low quality diaries and missing basic information cases 0 weighted | | | | | |
| x | x | x | x | x | x |
| Variables in episode level time use files | | | | | |
| TIME - duration of activity in minutes | x | x | x | x | x |
| CLOCKST – start time on 24 hour clock | Midnight/00:00 for the 1 st episode | | | | 4:00 1 st episode |
| START - minute started (of 1440 min per day) | x | x | x | x | x |
| END - minute ended (of 1440 min per day) | x | x | x | x | x |
| EPNUM - episode number | x | x | x | x | x |

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|---|---------|---------|------|---------|------|
| Variables in episode level time use files | | | | | |
| MAIN - main activity | | | | | |
| -8 item missing | x | x | x | x | x |
| 1 general or other personal care | x | x | x | x | x |
| 2 imputed personal or household care | x | x | x | x | x |
| 3 sleep | x | x | x | x | x |
| 4 imputed sleep | x | x | x | x | x |
| 5 naps and rest | x | x | x | NO | x |
| 6 wash, dress, personal care | x | x | x | x | x |
| 7 personal medical care | x | x | x | x | x |
| 8 meals at work | x | x | x | NO | x |
| 9 other meals & snacks | x | x | x | x | x |
| 10 main paid work (not at home) | x | x | x | x | x |
| 11 paid work at home | x | x | x | x | x |
| 12 second job, other paid work | x | x | x | x | x |
| 13 work breaks | x | x | x | x | x |
| 14 other time at workplace | x | x | x | NO | x |
| 15 time looking for work | NO | x | x | x | x |
| 16 regular schooling, education | x | x | x | x | x |
| 17 homework | x | x | x | x | x |
| 18 short course or training | x | x | x | x | x |
| 19 occasional or other education/training | x | x | x | x | x |
| 20 food preparation, cooking | x | x | x | x | x |
| 21 set table, wash/put away dishes | x | x | x | x | x |
| 22 cleaning | x | x | x | x | x |
| 23 laundry, ironing, clothing repair | x | x | x | x | x |
| 24 home repairs, maintain vehicle | x | x | x | x | x |
| 25 other domestic work | x | x | x | x | x |
| 26 purchase routine goods | x | x | x | x | x |
| 27 purchase consumer durables | x | x | x | x | x |
| 28 purchase personal services | x | x | x | x | x |
| 29 purchase medical services | x | x | x | x | x |
| 30 purchase repair, laundry services | x | x | x | x | x |
| 31 financial/government services | x | x | x | x | x |
| 32 purchase other services | x | x | x | x | x |
| 33 care of infants | x | x | x | x | x |
| 34 general care of older children | x | x | x | x | x |
| 35 medical care of children | x | x | x | x | x |
| 36 play with children | x | x | x | x | x |
| 37 supervise child or help with homework | x | x | x | x | x |
| 38 read to, talk with child | x | x | x | x | x |
| 39 other child care | x | x | x | x | x |
| 40 adult care | x | x | x | x | x |
| 41 general voluntary acts | x | x | x | x | x |
| 42 political and civic activity | x | x | x | x | x |
| 43 union and professional activities | NO | x | x | x | NO |
| 44 volunteer child/family organization | NO | x | x | x | NO |
| 45 volunteer fraternal organization | NO | x | x | x | NO |
| 46 other formal volunteering | x | x | x | x | NO |
| 48 acts for religious organization | x | x | x | x | NO |
| 49 worship and religious acts | x | x | x | x | x |

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| Variables in episode level time use files | | | | | |
| MAIN - main activity | | | | | |
| 50 general out-of-home leisure | x | x | x | NO | x |
| 51 attend sporting event | x | x | x | x | x |
| 52 go to cinema | x | x | x | x | x |
| 53 theater, concert, opera | x | x | x | x | x |
| 54 museums, exhibitions | x | x | x | x | x |
| 55 attend other public event | x | x | x | x | NO |
| 56 restaurant, cafe bar | x | x | x | x | x |
| 57 parties or receptions | x | x | x | x | x |
| 58 imputed time away from home | x | x | x | x | x |
| 60 sports & exercise | x | x | x | x | x |
| 62 walking | x | x | x | NO | x |
| 63 cycling | NO | x | x | NO | x |
| 64 outdoor recreation | NO | x | x | x | x |
| 65 physical activity, sports with child | x | x | x | x | x |
| 66 hunting, fishing, boating, hiking | x | x | x | NO | x |
| 67 gardening | x | x | x | x | x |
| 68 pet care, walk dogs | x | x | x | x | x |
| 70 general indoor leisure | x | x | x | x | x |
| 71 imputed in-home social | x | x | x | x | x |
| 72 receive or visit friends | x | x | x | x | x |
| 73 other in-home social, games | x | x | x | x | x |
| 74 play musical instrument, sing, act | x | x | x | x | NO |
| 75 artistic activity | x | x | x | x | x |
| 76 crafts | x | x | x | x | x |
| 77 hobbies | x | x | x | x | x |
| 78 relax, think, do nothing | x | x | x | x | x |
| 81 read books | x | x | x | x | x |
| 82 read periodicals | x | x | x | x | NO |
| 83 read newspapers | x | x | x | x | NO |
| 84 listen to music (CD etc.) | x | x | x | x | x |
| 85 listen to radio | x | x | x | x | x |
| 86 watch television, video | x | x | x | x | x |
| 87 writing by hand | x | x | x | x | x |
| 88 conversation, phone, texting | x | x | x | x | x |
| 89 use computer | NO | NO | x | x | x |
| 90 imputed travel | x | x | x | x | x |
| 91 personal or adult care travel | x | x | x | x | x |
| 92 travel as part of paid work | NO | NO | NO | x | x |
| 93 travel to/from work + other work travel | x | x | x | x | x |
| 94 travel related to education | x | x | x | x | x |
| 95 travel related to consumption | x | x | x | x | x |
| 96 travel related to child care | x | x | x | x | x |
| 97 travel for volunteering or worship | x | x | x | x | x |
| 98 other travel | x | x | x | x | x |
| SEC - secondary activity | | | | | |
| -9 not present in study | NO | NO | NO | x | NO |
| -7 not asked of diarist | NO | spouse | NO | NO | NO |
| 0 no reported secondary activity | x | x | x | NO | x |
| 1 general or other personal care | x | x | x | NO | NO |

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| Variables in episode level time use files | | | | | |
| SEC - secondary activity | | | | | |
| 2 imputed eating with food prep or set table | x | x | x | x | x |
| 3 sleep | x | x | x | NO | NO |
| 5 naps and rest | x | x | x | NO | NO |
| 6 wash, dress, personal care | x | x | x | NO | NO |
| 7 personal medical care | x | x | x | NO | NO |
| 8 meals at work | x | x | x | NO | NO |
| 9 other meals & snacks | x | x | x | NO | NO |
| 10 main paid work (not at home) | x | x | x | NO | NO |
| 11 paid work at home | x | x | x | NO | NO |
| 12 second job, other paid work | x | x | x | NO | NO |
| 13 work breaks | x | x | x | NO | NO |
| 14 other time at workplace | x | x | x | NO | NO |
| 15 time looking for work | NO | x | x | NO | NO |
| 16 regular schooling, education | x | x | x | NO | NO |
| 17 homework | x | x | x | NO | NO |
| 18 short course or training | x | x | x | NO | NO |
| 19 occasional, other education or training | x | x | x | NO | NO |
| 20 food preparation, cooking | x | x | x | NO | NO |
| 21 set table, wash/put away dishes | x | x | x | NO | NO |
| 22 cleaning | x | x | x | NO | NO |
| 23 laundry, ironing, clothing repair | x | x | x | NO | NO |
| 24 home repairs, maintain vehicle | x | x | x | NO | NO |
| 25 other domestic work | x | x | x | NO | NO |
| 26 purchase routine goods | x | x | x | NO | NO |
| 27 purchase consumer durables | x | x | x | NO | NO |
| 28 purchase personal services | x | x | x | NO | NO |
| 29 purchase medical services | x | x | x | NO | NO |
| 30 purchase repair, laundry services | x | x | x | NO | NO |
| 31 financial/government services | x | x | x | NO | NO |
| 32 purchase other services | x | x | x | NO | NO |
| 33 care of infants | x | x | x | NO | NO |
| 34 general care of older children | x | x | x | NO | x |
| 35 medical care of children | x | x | x | NO | NO |
| 36 play with children | x | x | x | NO | NO |
| 37 supervise child, help with homework | x | x | x | NO | NO |
| 38 read to, talk with child | x | x | x | NO | NO |
| 39 other child care | x | x | x | NO | NO |
| 40 adult care | x | x | x | NO | NO |
| 41 general voluntary acts | x | x | x | NO | NO |
| 42 political and civic activity | x | x | x | NO | NO |
| 43 union and professional activities | NO | x | x | NO | NO |
| 44 volunteer child/family organization | NO | x | x | NO | NO |
| 45 volunteer fraternal organization | NO | x | x | NO | NO |
| 46 other formal volunteering | x | x | x | NO | NO |
| 48 acts for religious organization | x | x | x | NO | NO |
| 49 worship and religious acts | x | x | x | NO | NO |
| 50 general out-of-home leisure | x | x | x | NO | NO |
| 51 attend sporting event | x | x | x | NO | NO |
| 52 go to cinema | x | x | x | NO | NO |

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| Variables in episode level time use files | | | | | |
| SEC - secondary activity | | | | | |
| 53 theater, concert, opera | x | x | x | NO | NO |
| 54 museums, exhibitions | x | x | x | NO | NO |
| 55 attend other public event | x | x | x | NO | NO |
| 56 restaurant, café, bar | x | x | x | NO | NO |
| 57 parties or receptions | x | x | x | NO | NO |
| 60 sports & exercise | x | x | x | NO | NO |
| 62 walking | x | x | x | x | NO |
| 63 cycling | NO | x | x | x | NO |
| 64 outdoor recreation | NO | x | x | NO | NO |
| 65 physical activity, sports with child | x | x | x | NO | NO |
| 66 hunting, fishing, boating, hiking | x | x | x | NO | NO |
| 67 gardening | x | x | x | NO | NO |
| 68 pet care, walk dogs | x | x | x | NO | NO |
| 70 general indoor leisure | x | x | x | NO | NO |
| 71 imputed in-home social activity | NO | NO | NO | NO | NO |
| 72 receive or visit friends | x | x | x | NO | NO |
| 73 other in-home social, games | x | x | x | NO | NO |
| 74 play musical instrument, sing, act | x | x | x | NO | NO |
| 75 artistic activity | x | x | x | NO | NO |
| 76 crafts | x | x | x | NO | NO |
| 77 hobbies | x | x | x | NO | NO |
| 78 relax, think, do nothing | x | x | x | NO | NO |
| 81 read books | x | x | x | NO | NO |
| 82 read periodicals | x | x | x | NO | NO |
| 83 read newspapers | x | x | x | NO | NO |
| 84 listen to music (CD etc.) | x | x | x | NO | NO |
| 85 listen to radio | x | x | x | NO | NO |
| 86 watch television, video | x | x | x | NO | NO |
| 87 writing by hand | x | x | x | NO | NO |
| 88 conversation, phone, texting | x | x | x | NO | NO |
| 89 use computer | NO | NO | x | NO | NO |
| 90 imputed travel | x | x | x | x | x |
| 91 personal or adult care travel | x | x | x | NO | NO |
| 92 travel as part of paid work | NO | NO | NO | NO | NO |
| 93 travel to/from work, other work travel | x | x | x | NO | NO |
| 94 travel related to education | x | x | x | NO | NO |
| 95 travel related to consumption | x | x | x | NO | NO |
| 96 travel related to child care | x | x | x | NO | NO |
| 97 travel for volunteering or worship | x | x | x | NO | NO |
| 98 other travel | x | x | x | NO | NO |
| INOUT - activity outside, inside or in vehicle | | | | | |
| -8 location unknown | x | x | x | x | x |
| 1 outside | x | x | x | x | x |
| 2 inside | x | x | x | x | x |
| 3 in a vehicle | x | x | x | x | x |

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| Variables in episode level time use files | | | | | |
| ELOC- location, extended to include implied from activity codes as well as diary columns | | | | | |
| -8 location unknown | x | x | x | no | x |
| 1 own home | x | x | x | x | x |
| 2 other home | x | x | x | x | x |
| 3 workplace | x | x | x | x | x |
| 4 school | x | x | x | x | x |
| 5 services or shops | x | x | x | x | x |
| 6 restaurant, café, bar | x | x | x | x | x |
| 7 place of worship | x | x | x | x | x |
| 8 traveling | x | x | x | x | x |
| 9 other | x | x | x | x | x |
| MTRAV - mode of travel | | | | | |
| -9 not present in study | not present | not present | present | present | present |
| -8 not answered | present | present | x | x | no |
| -7 not traveling | | | x | x | x |
| 1 car, truck, motorcycle | | | x | x | x |
| 2 public, mass transport | | | x | x | x |
| 3 walk (including child carried) | | | x | x | x |
| 4 cycle | | | limited | x | x |
| 5 other or unspecified mode | | | x | x | x |
| ALONE - alone during activity | | | | | |
| -9 not present in study | present | present | not present | not present | present |
| -7 not asked of diarist | no | yes | present | present | no |
| 0 no | x | x | | | x |
| 1 yes | x | x | | | x |
| INFANT - a child aged <5 present | | | | | |
| -9 not present in study | present | present | present | present | present |
| -7 not asked of diarist | no | no | x | x | no |
| 0 no | x | x | x | x | x |
| 1 yes | x | x | x | x | x |
| CHILD - a child aged <18 present | | | | | |
| -9 not present in study | present | present | present | present | present |
| -7 not asked of diarist | no | no | x | x | no |
| 0 no | x | x | x | x | x |
| 1 yes | x | x | x | x | x |
| SPPART- spouse or partner present | | | | | |
| -9 not present in study | present | present | not present | not present | present |
| -7 not asked of diarist | no | no | present | present | no |
| 0 no | x | x | | | x |
| 1 yes | x | x | | | x |
| CLSFAM - close family, including partner, children, parents, other family members living in household, own non-household child) present | | | | | |
| -9 not present in study | present | present | not present | not present | present |
| -7 not asked of diarist | no | yes | present | present | no |
| 0 no | x | x | | | x |
| 1 yes | x | x | | | x |

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| Variables in episode level time use files | | | | | |
| HHADULT - other adult from household present | | | | | |
| -9 not present in study | present | present | not present | not present | present |
| -7 not asked of diarist | no | yes | | | no |
| 0 no | x | x | | | x |
| 1 yes | x | x | | | x |
| ANIMAL - domestic animal present | | | | | |
| 0 No | x | x | x | x | x |
| 1 Yes | x | x | x | x | x |
| SHOPROF - shop/professional worker present | | | | | |
| 0 No | x | x | x | x | x |
| 1 Yes | x | x | x | x | x |
| COWORK - co-worker present | | | | | |
| -9 not present in study | present | present | not present | not present | present |
| -7 not asked of diarist | no | yes | | | no |
| 0 no | x | x | | | x |
| 1 yes | x | x | | | x |
| WELLKNW - person well-known present | | | | | |
| -9 not present in study | present | present | not present | partial | present |
| -7 not asked of diarist | no | yes | | | no |
| 0 no | x | x | | | x |
| 1 yes | x | x | | | x |
| OTHERP - other person present | | | | | |
| -9 not present in study | present | present | not present | partial | present |
| -7 not asked of diarist | no | yes | | | no |
| 0 no | x | x | | | x |
| 1 yes | x | x | | | x |
| UNKNWP - who else present unknown | | | | | |
| -9 not present in study | present | not present | not present | not present | present |
| -7 not asked of diarist | no | | | | no |
| 0 no | x | | | | x |
| 1 yes | x | | | | x |
| Variables in aggregated summary time use files | | | | | |
| TOTTIME - total minutes recorded in diary | x | x | x | x | x |
| NUMEP - number of episodes in original diary (not the number of apparent episodes after conversion to the harmonized codes) | x | x | x | x | x |
| T0PCARE - total minutes in personal care | x | x | x | x | x |
| T1PAID - total minutes in paid work | x | x | x | x | x |
| T2ED - total minutes in study and education | x | x | x | x | x |
| T3UNPAID - total minutes unpaid domestic | x | x | x | x | x |
| T4ACVOL - total minutes adult care & volunteering | x | x | x | x | x |
| T5OUTHM - total minutes out of home free time | x | x | x | x | x |
| T6EXERC - total minutes in sport and exercise | x | x | x | x | x |
| T7INHM - total minutes in home free time | x | x | x | x | x |
| T8MEDIA - total minutes using computer or media | x | x | x | x | x |

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| Variables in aggregated summary time use files | | | | | |
| T9TRAV - total minutes traveling | x | X | x | x | x |
| TMISS - total minutes missing time | x | X | x | x | x |
| Note – the sum of TOPCARE through TMISS (11 variables) = 1440 minutes (that is = 24 hours) | | | | | |
| TM1 to TM98 total minutes per day in each 2-digit code with no secondary care | x | x | x | x | x |
| TSC1 to TSC98 total minutes per day in each 2-digit code alongside secondary care | x | x | x | NO | x |
| Note – the sum of TM1 through TM98 + TSC1 through TSC98 + TMISS (185 variables) = 1440 minutes (that is = 24 hours) | | | | | |
| OUTSIDE - total minutes outside | x | x | x | x | x |
| INSIDE - total minutes inside | x | x | x | x | x |
| INVEH - total minutes in vehicle | x | x | x | x | x |
| LOCUNK - total minutes location unknown | x | x | x | x | x |
| ATHOME - total minutes at own home | x | x | x | x | x |
| ATWRKSC - total minutes at work or school | x | x | x | x | x |
| ELSEWHR - total minutes at other location | x | x | x | x | x |
| LUNK - total minutes unknown location | x | x | x | x | x |
| WALONE - total minutes alone | x | x | NO | NO | x |
| WCHILD - total minutes with a child | x | x | x | x | x |
| WSPPART - total minutes with spouse/partner | x | x | NO | NO | x |
| WCLSFAM - total minutes with close family | x | x | NO | NO | x |
| WOTHER - total minutes with other people | x | x | NO | x | x |
| WITHUNK - total minutes unknown with whom | x | NO | NO | NO | x |