

### Variables in the Time Diary Files

	1965-66	1975-76	1985	1992-94	1994-95	1998-01	2003-12
Variables in all time use files							
DIARYDAY - day of week diary kept	x	x	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	NO	x
MONTH - month diary kept	x	x	x	x	x	NO	x
1 January						Unless data can be cleaned in future	
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	x	x
LOWQUAL - marker of low quality diary (case 0 weighted if yes)							
0 No	2019	4495	2848	7202	1156	2326	125,517
1 Yes	2	89	73	312	43	25	5093
BADDEM - marker of missing age, sex, or diary day, cases 0-weighted if yes; 1998-01 cases good with imputed age in ( )							
0 No	1993	4570	2765	7341	1171	1909(2267)	130,610
1 Yes	28	14	156	173	28	442 (84)	0
CAREMFLG – carer who likely combined basic activities (sleep, personal care, eat/drink) with care							
0 No	2012	4534	2915	7497	1189	2351	130,608
1 Yes	9	50	6	17	10	0	2
ORIGWGHT – original sample/day weight	x	x	x	x	x	x	x

	1965-66	1975-76	1985	1992-94	1994-95	1998-01	2003-12
OWGHTFLG – flag for nature of original weight							
1 population weight to match census /CPS	x						
2 population only weight from survey			x		x		
3 population & day weight from survey		x		x		x	x
XTIMEWT – recwght limited to states available in all samples	x	x	x	x	x	x	x
INFLTWT - recwght inflated to CPS population	x	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	x
Variables in episode level time use files							
TIME - duration of activity in minutes	x	x	x	x	x	x	x
CLOCKST – start time on 24 hour clock	Midnight/00:00 for the 1 <sup>st</sup> episode						4:00 1 <sup>st</sup> episode
START - minute started (of 1440 min per day)	x	x	x	x	x	x	x
END - minute ended (of 1440 min per day)	x	x	x	x	x	x	x
EPNUM - episode number	x	x	x	x	x	x	x
Variables in episode level time use files							
MAIN - main activity							
-8 item missing	x	x	x	x	NO	x	x
1 general or other personal care	x	x	x	x	x	x	x
2 imputed personal or household care	x	x	x	x	NO	NO	x
3 sleep	x	x	x	x	x	x	x
4 imputed sleep	x	x	x	x	NO	x	x
5 naps and rest *	NO	x	x	NO	NO	99-01*	x
6 wash, dress, personal care	x	x	x	x	x	x	x
7 personal medical care	x	x	x	x	x	x	x
8 meals at work	x	x	x	NO	NO	x	x
9 other meals & snacks	x	x	x	x	x	x	x
10 main paid work (not at home)	x	x	x	x	x	x	x
11 paid work at home	x	x	x	x	x	x	x
12 second job, other paid work	x	x	x	x	x	x	x
13 work breaks	x	x	x	x	x	x	x
14 other time at workplace	x	x	x	NO	x	x	x

\* The 1998-99 element did not separately code naps and rest from sleep, whereas the 1999-01 survey of parents did separately code naps and sleep.

	1965-66	1975-76	1985	1992-94	1994-95	1998-01	2003-12
Variables in episode level time use files							
MAIN - main activity							
15 time looking for work	NO	x	x	x	x	x	x
16 regular schooling, education	x	x	x	x	x	x	x
17 homework	x	x	x	x	x	x	x
18 short course or training	x	x	x	x	NO	x	x
19 occasional or other education/training	x	x	x	x	x	x	x
20 food preparation, cooking	x	x	x	x	x	x	x
21 set table, wash/put away dishes	x	x	x	x	x	x	x
22 cleaning	x	x	x	x	x	x	x
23 laundry, ironing, clothing repair	x	x	x	x	x	x	x
24 home repairs, maintain vehicle	x	x	x	x	x	x	x
25 other domestic work	x	x	x	x	x	x	x
26 purchase routine goods	x	x	x	x	x	x	x
27 purchase consumer durables	x	x	x	x	x	x	x
28 purchase personal services	x	x	x	x	x	x	x
29 purchase medical services	x	x	x	x	x	x	x
30 purchase repair, laundry services	x	x	x	x	x	x	x
31 financial/government services	x	x	x	x	x	x	x
32 purchase other services	x	x	x	x	x	x	x
33 care of infants	x	x	x	x	x	x	x
34 general care of older children	x	x	x	x	x	x	x
35 medical care of children	x	x	x	x	x	x	x
36 play with children	x	x	x	x	x	x	x
37 supervise child or help with homework	x	x	x	x	x	x	x
38 read to, talk with child	x	x	x	x	x	x	x
39 other child care	x	x	x	x	x	x	x
40 adult care	x	x	x	x	x	x	x
41 general voluntary acts	x	x	x	x	x	x	x
42 political and civic activity	x	x	x	x	x	x	x
43 union and professional activities	NO	x	x	x	NO	x	NO
44 volunteer child/family organization	NO	x	x	x	x	x	NO
45 volunteer fraternal organization	NO	x	x	x	x	NO	NO
46 other formal volunteering	x	x	x	x	x	x	NO
48 acts for religious organization	x	x	x	x	x	x	NO
49 worship and religious acts	x	x	x	x	x	x	x

	1965-66	1975-76	1985	1992-94	1994-95	1998-01	2003-12
Variables in episode level time use files							
MAIN - main activity							
50 general out-of-home leisure	x	x	x	NO	NO	x	x
51 attend sporting event	x	x	x	x	x	x	x
52 go to cinema	x	x	x	x	x	x	x
53 theater, concert, opera^	x	x	x	x	x	98-99	x
54 museums, exhibitions	x	x	x	x	x	x	x
55 attend other public event	x	x	x	x	x	x	NO
56 restaurant, cafe bar	x	x	x	x	x	x	x
57 parties or receptions	x	x	x	x	x	x	x
58 imputed time away from home	x	x	x	x	x	NO	x
60 sports & exercise	x	x	x	x	x	x	x
62 walking *	x	x	x	NO	NO	*	x
63 cycling	NO	x	x	NO	NO	NO	x
64 outdoor recreation	NO	x	x	x	x	x	x
65 physical activity, sports with child	x	x	x	x	x	x	x
66 hunting, fishing, boating, hiking	x	x	x	NO	NO	NO	x
67 gardening	x	x	x	x	x	x	x
68 pet care, walk dogs	x	x	x	x	x	x	x
70 general indoor leisure	x	x	x	x	NO	NO	x
71 imputed in-home social	x	x	x	x	NO	NO	x
72 receive or visit friends	x	x	x	x	x	x	x
73 other in-home social, games	x	x	x	x	x	x	x
74 play musical instrument, sing, act	x	x	x	x	x	x	NO
75 artistic activity	x	x	x	x	NO	x	x
76 crafts	x	x	x	x	x	x	x
77 hobbies	x	x	x	x	x	x	x
78 relax, think, do nothing	x	x	x	x	x	x	x
81 read books	x	x	x	x	x	x	x
82 read periodicals	x	x	x	x	x	x	NO
83 read newspapers	x	x	x	x	x	x	NO
84 listen to music (CD etc.)	x	x	x	x	x	x	x
85 listen to radio	x	x	x	x	x	x	x
86 watch television, video	x	x	x	x	x	x	x
87 writing by hand	x	x	x	x	x	x	x
88 conversation, phone, texting	x	x	x	x	x	x	x
89 use computer	NO	NO	x	x	x	x	x

^ coded in 1998-99 only; \* In 1998-99, identified by main activity in combination with the mode of transport, while 1999-01 survey separately coded walking.

	1965-66	1975-76	1985	1992-94	1994-95	1998-01	2003-12
Variables in episode level time use files							
Main – main activity							
90 imputed travel	x	x	x	x	NO	x	x
91 personal or adult care travel	x	x	x	x	x	x	x
92 travel as part of paid work	NO	NO	NO	x	x	x	x
93 travel to/from work + other work travel	x	x	x	x	x	x	x
94 travel related to education	x	x	x	x	x	x	x
95 travel related to consumption	x	x	x	x	x	x	x
96 travel related to child care	x	x	x	x	x	x	x
97 travel for volunteering or worship	x	x	x	x	x	x	x
98 other travel	x	x	x	x	x	x	x
SEC - secondary activity							
-9 not present in study	NO	NO	NO	x	x	NO	NO
-7 not asked of diarist	NO	spouse	NO	NO	NO	NO	NO
0 no reported secondary activity	x	x	x	NO	NO	x	x
1 general or other personal care	x	x	x	NO	NO	x	NO
2 imputed eating with food prep or set table	x	x	x	x	x	NO	x
3 sleep	x	x	x	NO	NO	x	NO
5 naps and rest *	x	x	x	NO	NO	99-01*	NO
6 wash, dress, personal care	x	x	x	NO	NO	x	NO
7 personal medical care	x	x	x	NO	NO	x	NO
8 meals at work **	x	x	x	NO	NO	x	2006-08
9 other meals & snacks **	x	x	x	NO	NO	x	2006-08
10 main paid work (not at home)	x	x	x	NO	NO	x	NO
11 paid work at home	x	x	x	NO	NO	x	NO
12 second job, other paid work	x	x	x	NO	NO	x	NO
13 work breaks	x	x	x	NO	NO	x	NO
14 other time at workplace	x	x	x	NO	NO	x	NO
15 time looking for work	NO	x	x	NO	NO	x	NO
16 regular schooling, education	x	x	x	NO	NO	x	NO
17 homework	x	x	x	NO	NO	x	NO
18 short course or training	x	x	x	NO	NO	x	NO
19 occasional, other education or training	x	x	x	NO	NO	x	NO
20 food preparation, cooking	x	x	x	NO	NO	x	NO

\* The 1998-99 element did not separately code naps and rest from sleep, whereas the 1999-01 survey of parents did separately code naps and sleep.

\*\* The ATUS included the food supplement which covers secondary eating and drinking from 2006.

	1965-66	1975-76	1985	1992-94	1994-95	1998-01	2003-12
Variables in episode level time use files							
SEC - secondary activity							
21 set table, wash/put away dishes	x	x	x	NO	NO	x	NO
22 cleaning	x	x	x	NO	NO	x	NO
23 laundry, ironing, clothing repair	x	x	x	NO	NO	x	NO
24 home repairs, maintain vehicle	x	x	x	NO	NO	x	NO
25 other domestic work	x	x	x	NO	NO	x	NO
26 purchase routine goods	x	x	x	NO	NO	x	NO
27 purchase consumer durables	x	x	x	NO	NO	x	NO
28 purchase personal services	x	x	x	NO	NO	x	NO
29 purchase medical services	x	x	x	NO	NO	x	NO
30 purchase repair, laundry services	x	x	x	NO	NO	x	NO
31 financial/government services	x	x	x	NO	NO	x	NO
32 purchase other services	x	x	x	NO	NO	x	NO
33 care of infants	x	x	x	NO	NO	x	NO
34 general care of older children	x	x	x	NO	NO	x	x
35 medical care of children	x	x	x	NO	NO	x	NO
36 play with children	x	x	x	NO	NO	x	NO
37 supervise child, help with homework	x	x	x	NO	NO	x	NO
38 read to, talk with child	x	x	x	NO	NO	x	NO
39 other child care	x	x	x	NO	NO	x	NO
40 adult care	x	x	x	NO	NO	x	2011-12
41 general voluntary acts	x	x	x	NO	NO	x	NO
42 political and civic activity	x	x	x	NO	NO	x	NO
43 union and professional activities	NO	x	x	NO	NO	x	NO
44 volunteer child/family organization	NO	x	x	NO	NO	x	NO
45 volunteer fraternal organization	NO	x	x	NO	NO	NO	NO
46 other formal volunteering	x	x	x	NO	NO	x	NO
48 acts for religious organization	x	x	x	NO	NO	x	NO
49 worship and religious acts	x	x	x	NO	NO	x	NO
50 general out-of-home leisure	x	x	x	NO	NO	x	NO
51 attend sporting event	x	x	x	NO	NO	x	NO
52 go to cinema	x	x	x	NO	NO	x	NO
53 theater, concert, opera	x	x	x	NO	NO	x	NO
54 museums, exhibitions	x	x	x	NO	NO	x	NO
55 attend other public event	x	x	x	NO	NO	x	NO

	1965-66	1975-76	1985	1992-94	1994-95	1998-01	2003-12
Variables in episode level time use files							
SEC - secondary activity							
56 restaurant, café, bar	x	x	x	NO	NO	X	NO
57 parties or receptions	x	x	x	NO	NO	x	NO
60 sports & exercise	x	x	x	NO	NO	x	NO
62 walking *	x	x	x	x	x	99-01*	NO
63 cycling	NO	x	x	x	NO	NO	NO
64 outdoor recreation	NO	x	x	NO	NO	x	NO
65 physical activity, sports with child	x	x	x	NO	NO	x	NO
66 hunting, fishing, boating, hiking	x	x	x	NO	NO	NO	NO
67 gardening	x	x	x	NO	NO	x	NO
68 pet care, walk dogs	x	x	x	NO	NO	x	NO
70 general indoor leisure	x	x	x	NO	NO	NO	NO
71 imputed in-home social activity	NO	NO	NO	NO	NO	NO	NO
72 receive or visit friends	x	x	x	NO	NO	x	NO
73 other in-home social, games	x	x	x	NO	NO	x	NO
74 play musical instrument, sing, act	x	x	x	NO	NO	x	NO
75 artistic activity	x	x	x	NO	NO	x	NO
76 crafts	x	x	x	NO	NO	x	NO
77 hobbies	x	x	x	NO	NO	x	NO
78 relax, think, do nothing	x	x	x	NO	NO	x	NO
81 read books	x	x	x	NO	NO	x	NO
82 read periodicals	x	x	x	NO	NO	x	NO
83 read newspapers	x	x	x	NO	NO	x	NO
84 listen to music (CD etc.)	x	x	x	NO	NO	x	NO
85 listen to radio	x	x	x	NO	NO	x	NO
86 watch television, video	x	x	x	NO	NO	x	NO
87 writing by hand	x	x	x	NO	NO	x	NO
88 conversation, phone, texting	x	x	x	NO	NO	x	NO
89 use computer	NO	NO	x	NO	NO	x	NO
90 imputed travel	x	x	x	x	x	NO	x
91 personal or adult care travel	x	x	x	NO	NO	x	NO
92 travel as part of paid work	NO	NO	NO	NO	NO	x	NO
93 travel to/from work, other work travel	x	x	x	NO	NO	x	NO
94 travel related to education	x	x	x	NO	NO	x	NO
95 travel related to consumption	x	x	x	NO	NO	x	NO

\* The 1998-99 survey did not separately code walking, this is identified by the main activity in combination with the mode of transport. The 1999-01 survey did separately code walking, and hence diarists only have the option to record secondary walking for one of these two elements.

	1965-66	1975-76	1985	1992-94	1994-95	1998-01	2003-12
Variables in episode level time use files							
SEC - secondary activity							
96 travel related to child care	x	x	x	NO	NO	x	NO
97 travel for volunteering or worship	x	x	x	NO	NO	x	NO
98 other travel	x	x	x	NO	NO	x	NO
INOUT - activity outside, inside or in vehicle							
-8 location unknown	x	x	x	x	x	X	x
1 outside	x	x	x	x	x	x	x
2 inside	x	x	x	x	x	x	x
3 in a vehicle	x	x	x	x	x	x	x
ELOC- location, extended to include implied from activity codes as well as diary columns							
-8 location unknown	x	x	x	no	no	X	x
1 own home	x	x	x	x	x	x	x
2 other home	x	x	x	x	x	x	x
3 workplace	x	x	x	x	x	x	x
4 school	x	x	x	x	x	x	x
5 services or shops	x	x	x	x	x	x	x
6 restaurant, café, bar	x	x	x	x	x	x	x
7 place of worship	x	x	x	x	x	x	x
8 travelling	x	x	x	x	x	x	x
9 other	x	x	x	x	x	x	x
MTRAV - mode of travel							
-9 not present in study	not present	not present	present	present	present	present	present
-8 not answered	present	present	x	x	x	x	no
-7 not travelling			x	x	x	x	x
1 car, truck, motorcycle			x	x	x	x	x
2 public, mass transport			x	x	x	x	x
3 walk (including child carried)			x	x	x	x	x
4 cycle			limited	x	x	no	x
5 other or unspecified mode			x	x	x	x	x



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Variables in episode level time use files							
ALONE - alone during activity							
-9 not present in study	present	present	not present	not present	not present	present	present
-7 not asked of diarist	no	yes	present	present	present	no	no
0 no	x	x				x	x
1 yes	x	x				x	x
INFANT - a child aged <5 present							
-9 not present in study	present	present	present	present	present	not present	present
-7 not asked of diarist	no	no	x	x	x	present	no
0 no	x	x	x	x	x		x
1 yes	x	x	x	x	x		x
CHILD - a child aged <18 present							
-9 not present in study	present	present	present	present	present	present	present
-7 not asked of diarist	no	no	x	x	x	no	no
0 no	x	x	x	x	x	x	x
1 yes	x	x	x	x	x	x	x
SPPART- spouse or partner present							
-9 not present in study	present	present	not present	not present	not present	present	present
-7 not asked of diarist	no	no	present	present	present	no	no
0 no	x	x				x	x
1 yes	x	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	not present	present	present
-7 not asked of diarist	no	yes	present	present	present	no	no
0 no	x	x				x	x
1 yes	x	x				x	x
HHADULT - other adult from household present							
-9 not present in study	present	present	not present	not present	not present	not present	present
-7 not asked of diarist	no	yes	present	present	present	present	no
0 no	x	x					x
1 yes	x	x					x

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Variables in episode level time use files							
ANIMAL - domestic animal present							
0 No coded from activity variables, not	x	x	x	x	x	x	x
1 Yes a category in the diary	x	x	x	x	x	x	x
SHOPROF - shop/professional worker present						from activity only	
0 No	x	x	x	x	x		x
1 Yes	x	x	x	x	x		x
COWORK - co-worker present							
-9 not present in study	present	present	not present	not present	not present	present	present
-7 not asked of diarist	no	yes	present	present	present	no	no
0 no	x	x				x	x
1 yes	x	x				x	x
WELLKNW - person well-known present							
-9 not present in study	present	present	not present	partial	partial	present	present
-7 not asked of diarist	no	yes	present			no	no
0 no	x	x				x	x
1 yes	x	x				x	x
OTHERP - other person present							
-9 not present in study	present	present	not present	partial	partial	present	present
-7 not asked of diarist	no	yes	present			no	no
0 no	x	x				x	x
1 yes	x	x				x	x
UNKNWP – unknown persons present							
-9 not present in study	present	not present	not present	not present	not present	present	present
-7 not asked of diarist	no	present	present	present	present	no	no
0 no	x					x	x
1 yes	x					x	x
Variables in aggregated summary time use files							
T0TTIME - total minutes recorded in diary	x	x	x	x	x	x	x
NUMEP - number of episodes in original diary (not the number of apparent episodes after conversion to the harmonised codes)	x	x	x	x	x	x	x
T0PCARE - total minutes in personal care	x	x	x	x	x	x	x
T1PAID - total minutes in paid work	x	x	x	x	x	x	x
T2ED - total minutes in study and education	x	x	x	x	x	x	x
T3UNPAID - total minutes unpaid domestic	x	x	x	x	x	x	x

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Variables in aggregated summary time use files							
T4ACVOL - total minutes adult care & volunteering	x	x	x	x	x	x	x
T5OUTHM - total minutes out of home free time	x	x	x	x	x	x	x
T6EXERC - total minutes in sport and exercise	x	x	x	x	x	x	x
T7INHM - total minutes in home free time	x	x	x	x	x	x	x
T8MEDIA - total minutes using computer or media	x	x	x	x	x	x	x
T9TRAV - total minutes travelling	x	x	x	x	x	x	x
TMISS - total minutes missing time	x	x	x	x	x	x	x
Note – the sum of T0PCARE 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	x	x
TSC1 to TSC98 total minutes per day in each 2-digit code alongside secondary care	x	x	x	NO	NO	x	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	x	x
INSIDE - total minutes inside	x	x	x	x	x	x	x
INVEH - total minutes in vehicle	x	x	x	x	x	x	x
LOCUNK - total minutes location unknown	x	x	x	x	x	x	x
ATHOME - total minutes at own home	x	x	x	x	x	x	x
ATWRKSC - total minutes at work or school	x	x	x	x	x	x	x
ELSEWHR - total minutes at other location	x	x	x	x	x	x	x
LUNK - total minutes unknown location	x	x	x	x	x	x	x
WALONE - total minutes alone	x	x	NO	NO	NO	x	x
WCHILD - total minutes with a child	x	x	x	x	X	x	x
WSPPART - total minutes with spouse/partner	x	x	NO	NO	NO	x	x
WCLSFAM - total minutes with close family	x	x	NO	NO	NO	x	x
WOTHER - total minutes with other people	x	x	NO	x	x	x	x
WITHUNK - total minutes unknown with whom	x	NO	NO	NO	NO	x	x