# README FILE FOR KOREA 2009

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### TECHNICAL DESCRIPTION OF THE SURVEY

|  |  |
| --- | --- |
| **Age range** | 10+ |
| **Response rate**  | 98.1% |
| **Number of diary days** | 2 days |
| **Survey period**  | September 2009 |
| **Multi-member household survey** | Yes |
| **Type of diary** | Two days starting from 0:00 |
| **Mode of data collection** | Self-completion  |
| **Time interval in the diary** | 10 minutes |
| **Data on secondary activities** | Yes |
| **Data on where the activity was carried out** | Yes (home or elsewhere + mode of transport) |
| **Data on who else was present** | Yes (though marks who else was present and doing the same activity with the diarist, but not who else was present but doing the same activity with the diarist) |
| **Number of activity codes** | 144 activity categories for main and secondary activity, 8 categories of mode of transport, in/out, and 5 categories of who else was present |
| **Number of cases in the original file**  | 40526 (34112 adult diaries, 6414 child diaries) |
| **Number of ‘good’ diaries**  | 40523 (34109 adult diaries, 6414 child diaries) |

### INFORMATION ON THE ORIGINAL FILES

### TIME-USE VARIABLES

**Activity Variable Documentation for Korea, 2009**

|  |  |  |
| --- | --- | --- |
| **AV 41Variables**  | **Activity** | **Korea 2009 original activity codes** |
| AV1 | Paid work | **SA not = 1 (not at home) and**211 - main work213 - work break 214 - training at work 2601 - work related shopping2602 - work related shopping-online, TV etc216 - other work-related activity299 - other work-related activity |
| AV2 | Paid work at home | 215 - work brought home**SA = 1 (at home) and**211 - main work213 - work break214 - training at work2601, 2602 - work related shopping216, 299 - other work-related activity250 - job search |
| AV3 | Paid work, Second job | 212 - second job 220 - unpaid work for family business-non farm230 - unpaid work for family business – farm etc |
| AV4 | School/classes | 311 - class312 - break between classes at school 313 - self study at school314 - education event at school319 - other education related activity at school321 - lecture723 - employment related qualification724 - leisure courses, hobby related |
| AV5 | Travel to/from work | 821 - commuting to work822 - other work related travel 831 - education related travel  |
| AV6 | Cooking/washing up | 411 - preparation of food412 - washing up413 - kimchi, pickles, preserves etc |
| AV7 | Housework | 421 - laundry, hang clothes on the line422 - put clothes away423 - ironing etc431 - tidying432 - routine indoor cleaning433 - other cleaning499 - unspecified housework |
| AV8 | Other domestic work | 4411 - home maintenance4421 - car washing etc4431 - other tasks in and around home461 - household accounting462 - household financial planning5301 - care for partner/spouse who needs medical help5309 - care for partner/spouse - not because they need help - routine, e.g., help husband prepare to go to work, dye hair, provide massage etc5401 - medical, physical care for parents/grandparents5409 - other care for parents/grandparents5501- medical care for other family members5509 - other care for other family members6101 - informal help to other household6102 - help neighbour’s housework6109 - other help to neighbour, other household |
| AV9 | Gardening | 240 - grow vegetables for self- consumption |
| AV10 | Shopping | 3301 - shopping for items for a course3302 - shopping for items for a course-online, TV etc424 - taking clothes to the cleaners 4412 - maintenance service 4422 - car related service4432 - service related home 451 - grocery, routine shopping452 - purchasing household goods4531 - routine shopping-online, TV etc4532 - purchasing household goods-online, TV etc463 - banking service7801 - purchase access to leisure – off line7802 - purchase access to leisure – online, TV etc |
| AV11 | Child care | 511 - washing, feeding, physical care of children5121 - reading etc with children5122 - play with children5191- provide medical care to child under school age5291- provide medical care to school aged child5192 - unspecified child care - under school age5292 - unspecified child care - school aged521 - prepare the child to go to school 522 - help with homework523 - meeting teachers |
| AV12 | Domestic travel | 811 - travel for personal care 841 - domestic related travel 851 - family care related travel |
| AV13 | Dressing/personal care | 131 - personal care132 - dressing, make up etc199 - other personal care |
| AV14 | Consume personal services | 133 - hairdressing 142 - medical service141 - providing own medical care |
| AV15 | Meals/snacks | 121 - meals with family 1221 - meals alone1222 - meals with others123 - snacks and drinks**and SA = 1 (AT HOME)** |
| AV16 | Sleep | 111 - sleep112 - naps143 - resting because ill  |
| AV17 | Free time travel | 800 - waiting to transport 861 - voluntary activity related travel 871 - social related travel8721 - personal interest travel8722 - other leisure related travel891 - other travel |
| AV18 | Excursions | 753 - museums, galleries, exhibitions755 - other exhibitions etc765 - drive/sightseeing/day trip |
| AV19 | Active ports participation  | 763 - exercise764 - team sport 766 - other outdoor sports/leisure |
| AV20 | Passive sports participation | 754 - watching sport live at the event |
| AV21 | Walks | 761 - walking762 - hiking/climbing  |
| AV22 | Religious Activities | 741 - personal religious activities742 - religious service, meeting743 - other religious activity |
| AV23 | Civic Activities | 6211 - community activity6212 - voluntary activity631 - community event632 - parental voluntary activity 633 - volunteering for children, older people, disabled634 - help people living in region with natural disaster639 - other voluntary work - unspecified 919 - fill in time diary |
| AV24 | Cinema/theatre | 751 - cinema etc752 - theatre, concert |
| AV25 | Dances or Parties | 715 - family gathering-traditional719 - other social**and SA not = 1 (not home)** |
| AV26 | Social clubs | Not possible to create |
| AV27 | Pubs | 775 - alcohol, drinking at the bar, karaoke |
| AV28 | Restaurants | 121 - meals with family in Korea, more1221 - meals alone eating away from1222 - meals with others home at restaurants123 - snacks and drinks & cafes than at other**and SA not = 1 (not home)** locations |
| AV29 | Visiting friends | 712 - meeting relatives 713 - friends and others **and SA not = 1 (not home)** |
| AV30 | Listening to radio | 735 - listen to radio |
| AV31 | Watching TV or Video | 733 - TV734 - video etc |
| AV32 | Listen to records, CDs | 736 - listen to recordings |
| AV33 | Study | 322 - self study outside school329 - education related activity outside school721 - foreign language 722 - computer learning 729 - other study |
| AV34 | Reading books | 771 - read books |
| AV35 | Reading papers/magazines | 731 - read newspaper132 - read magazine |
| AV36 | Relaxing | 776 - smoking777 - doing nothing, resting |
| AV37 | Conversation | 711 - telephoning including text messaging |
| AV38 | Entertaining friends at home | 712 - meeting relatives713 - friends and others715 - family gathering-traditional 719 - other social**and SA=1 (at home**) |
| AV39 | Knitting/sewing | 425 - sewing, knitting |
| AV40 | Other leisure | 714 - internet chatting 7371/7372 - internet searches772 - computer game 773 - playing774 - other hobby799 - other leisure related |
| AV41 | Unknown activity |  999 - Unspecified |

Main and Secondary Activities

|  |  |  |
| --- | --- | --- |
| **MAIN/SEC 69 Variables** | **Activity** | **Korea 2009 original activity codes** |
| Main/Sec1 | Imputed personal and household care | constructed by CTUR |
| Main/Sec2 | Sleep or nap | 111 - sleep112 - naps143 - resting because ill |
| Main/Sec3 | Imputed sleep | imputed sleep, constructed by CTUR |
| Main/Sec4 | Wash/dress/care for self | 131 - personal care, hygiene 132 - dressing, make up etc141 - providing own medical care199 - other personal care |
| Main/Sec5 | Meals at work or school | not possible to create for simple file - though this will be created after episode data constructed, that process will allow identification of eating at work or school by previous location and activity followed by eating with no intervening travel, and also considering both location and simultaneous activity |
| Main/Sec6 | Other meals | 121 - meals with family 1221 - meals alone1222 - meals with others123 - snacks and drinks**and SA = 1 (at home)** |
| Main/Sec7 | Paid work, main job (not at home) | **SA not = 1 (not home) and**211 - main work 214 - training at work 2601 - work related shopping-visiting shop 2602 - work related shopping- online, TV |
| Main/Sec8 | Paid work at home | 215 - work brought home**SA = 1 (at home) and**211 - main work214 - training at work 2601 - work related shopping-visiting shop  2602 - work related shopping- online, TV212 - second job220 - unpaid work for family business-non farm230 - unpaid work for family business – farm etc |
| Main/Sec9 | Second or other job not at home | **SA not = 1 (not home) and**212 - second job 220 - unpaid work for family business-non farm230 - unpaid work for family business – farm etc |
| Main/Sec10 | Unpaid work to generate household income | Not possible to distinguish  |
| Main/Sec11 | Travel as a part of work | 822 - other work related travel |
| Main/Sec12 | Work breaks | 213 - work break |
| Main/Sec13 | Other time at workplace | 216, 299 - other work-related activity |
| Main/Sec14 | Look for work | 250 - job search |
| Main/Sec15 | Regular schooling, education | 311 - class312 - breaks between classes at school314 - education event at school319 - other education related activity at school321 - lecture |
| Main/Sec16 | Homework | 322 - self study outside school313 - self study at school |
| Main/Sec17 | Leisure/other education of training | 329 - education related activity outside school721 - foreign language training722 - computer learning723 employment related qualification724 - leisure courses, hobby related729 - other study3301 - shopping for items for a course3302 - shopping for items for a course-online/TV |
| Main/Sec18 | Food preparation/ cooking | 411 - preparation of food413 - pickles, preserves etc |
| Main/Sec19 | Set table, wash or put away dishes | 412 - washing up |
| Main/Sec20 | Cleaning | 431 - tidying432 - routine indoor cleaning433 - other cleaning |
| Main/Sec21 | Laundry, ironing, clothing repair | 421 - laundry, hang clothes on the line422 - put clothes away423 - ironing, repair clothes |
| Main/Sec22 | Home/vehicle maintenance or improvement | 4411 - home maintenance4421 - car washing, vehicle maintenance |
| Main/Sec23 | Other domestic work | 461 - household accounting462 - household financial planning499 - other domestic work4431 - other home maintenance-care of pets, care of plants, separating garbage, recycling |
| Main/Sec24 | Purchase goods and general consumption activities | 451 - grocery, routine shopping452 - purchasing household goods4531 - routine shopping-online, TV etc4532 - purchasing household goods-online, TV7801 - purchase access to leisure - off line7802 - purchase access to leisure - online, TV |
| Main/Sec25 | Consume personal services | 133 - hairdressing142 - medical service |
| Main/Sec26 | Consume other services | 424 - taking clothes to the cleaners4412 - household maintenance service 4422 - car related service4432 - other service related to maintenance463 - banking service |
| Main/Sec27 | Pet care (not walk dog) | not possible to create |
| Main/Sec28 | Physical, medical child care | 511 - physical care for child - feed, wash etc5191 - medical care to child under school age5291 - medical care to school-aged child521 - prepare the child to go to school |
| Main/Sec29 | Teach, help with homework | 522 - help with homework |
| Main/Sec30 | Read to, talk or play with child | 5121 - read to child5122 - play with child |
| Main/Sec31 | Supervise, accompany, other child care | 523 - parents-teacher meeting5192 - unspecified child care- under school age5292 - unspecified child care |
| Main/Sec32 | Adult care | 5301 - care to partner/spouse, needs medical help5309 - care for partner/spouse - not because they need help - routine, e.g., help husband prepare to go to work, dye hair, provide massage etc5401 - medical care for parents/grandparents5409 - other care for parents/grandparents5501 - medical care for other family members5509 - other care for other family members |
| Main/Sec33 | Voluntary, civic, organisational activity | 6101- informal help to other household6102 - help neighbour’s housework6109 - other help to neighbour, other household6211 - voting, jury etc6212 - civic , community activity631 - national, community related voluntary activity 632 - voluntary activity related to child’s school633 - volunteering, children, older people, disabled634 - help people living region with natural disaster639 - other voluntary work - unspecified919 - fill in time diary |
| Main/Sec34 | Worship and religion | 741 - personal religious activities742 - religious service, meeting743 - other activity related to religion |
| Main/Sec35 | General out-of-home leisure | not possible to create |
| Main/Sec36 | Attend sporting event | 754 - watching sport live at the event |
| Main/Sec37 | Cinema, theatre, opera, concert | 751 - cinema etc752 - theatre, concert |
| Main/Sec38 | Other public event, venue | 753 - museums, galleries, exhibitions 755 - other exhibitions etc |
| Main/Sec39 | Restaurant, café, bar, pub | 775 - alcohol, drinking at the bar, karaoke)and SA not = 1 (not home)121 - meals with family1221 - meals alone1222 - meals with others 123 - snacks and drinks |
| Main/Sec40 | Party, reception, social event, gambling | 715 - family gathering- traditional 719 - other unspecified social**and SA not = 1 (not home)** |
| Main/Sec41 | Imputed time away from home | constructed by CTUR999 - No entry, incomplete, unrecognizable**and SA not =1 (not home)**  |
| Main/Sec42 | General sport or exercise | 763 - general exercise764 - team sport766 - other outdoor sports/leisure |
| Main/Sec43 | Walking | 761 - walking762 - hiking/climbing |
| Main/Sec44 | Cycling | Not possible to create |
| Main/Sec45 | Other out-of-doors recreation | 765 - day trip |
| Main/Sec46 | Garden, forage (pick mushrooms), hunt/fish | 240 - grow vegetables for self- consumption |
| Main/Sec47 | Walk dogs | Not possible to create |
| Main/Sec48 | Receive or visit friends | 712 - meeting relatives, family event713 - friends and others, social event(regardless of location)**and when SA = 1 (at home)**715 - family gathering-traditional719 - other unspecified social |
| Main/Sec49 | Conversation (in person, phone) | 711 - telephoning including text messaging |
| Main/Sec50 | Other in-home social, games | 773 - playing games (indoor) |
| Main/Sec51 | General indoor leisure | 799 - Other leisure related |
| Main/Sec52 | Artistic or musical act | Not possible to create |
| Main/Sec53 | Written correspondence | Not possible to create |
| Main/Sec54 | Knit, crafts, hobbies | 774 - hobby425 - sewing, knitting |
| Main/Sec55 | Relax, think, do nothing | 776 - smoking while doing nothing777 - doing nothing, resting |
| Main/Sec56 | Read | 771 - read books731 - read newspaper732 - read magazine |
| Main/Sec57 | Listen to music Ipod CD | 736 - listen to recordings |
| Main/Sec58 | Listen to radio | 735 - Listen to radio |
| Main/Sec59 | Watch TV, DVD, video | 733 - TV734 - video etc |
| Main/Sec60 | Play computer games | 772 - computer game  |
| Main/Sec61 | Send e-mail, surf internet, computing | 714 - internet chatting, send email 7371 - surf internet7372 - other internet  |
| Main/Sec62 | No activity but recorded mode of travel | constructed by CTUR |
| Main/Sec63 | Travel to or from work | 821 - commuting to work |
| Main/Sec64 | Education-related travel | 831 - education related travel8721 -education related travel of non-student |
| Main/Sec65 | Voluntary, civic, religious travel | 861 - voluntary activity related travel |
| Main/Sec66 | Child & adult care travel | 851 - family care related travel |
| Main/Sec67 | Shopping, personal & household care travel | 811 - travel for personal care841 - domestic related travel  |
| Main/Sec68 | Other travel | 800 - waiting to transport871 - social related travel 8722 - other leisure related travel 891 - other travel |
| Main/Sec69 | No recorded activity | 999 - No entry, incomplete, unrecognizable |
|  |
| Context Variables | Value labels | Korea 2009 original activity and location codes |
| Inout = 1 | Inside | 1 – home (main living area for private daily life)111 - sleep112 - naps143 - resting because ill131 - personal care132 - dressing, make up etc199 - other personal care133 - hairdressing142 - medical service141 - providing own medical care215 - work brought home311 - class312 - breaks between classes at school314 - education event at school319 - other education related activity at school321 – lecture411 - preparation of food412 – washing up413 - pickles, preserves etc431 - tidying432 - routine indoor cleaning433 - other cleaning421 - laundry, hang clothes on the line422 - put clothes away423 - ironing, repair clothes461 - household accounting462 - household financial planning499 - other domestic work4431 - other home maintenance-care of pets, care of plants, separating garbage, recycling775 - alcohol, drinking at the bar, karaoke)121 - meals with family1221 - meals alone1222 - meals with others 123 - snacks and drinks511 - washing, feeding, physical care of children5121 - reading etc with children751 - cinema etc752 - theatre, concert521 - prepare the child to go to school 753 - museums, galleries, exhibitions741 - personal religious activities742 - religious service, meeting743 - other religious activity |
| Inout = 2 | Outside | 2 – out of home 715 - family gathering-traditional (out of home)761 - walking762 - hiking/climbing764 - team sport765 - sightseeing/day trip766 - other outdoor sports/leisure |
| Inout = 3 | In a vehicle | 3 bus (public transport, local)4 subway5 taxi6 car 7 bicycle, motorcycle, company bus, school bus8 express bus, train, express train, tour bus9 other (airplane, ship etc) |
| Eloc = 1 | Own home | 1 – home (main living area for private daily life) |
| Eloc = 2 | Another’s home | Not possible to create  |
| Eloc = 3 | Workplace | 0 – out of home and activity :211 - main work 214 - training at work 2601 - work related shopping-visiting shop 2602 - work related shopping- online, TV212 - second job 220 - unpaid work for family business-non farm230 - unpaid work for family business – farm etc213 - work break216, 299 - other work-related activity |
| Eloc = 4 | School | 0 – out of home And activity 311 - class312 - breaks between classes at school314 - education event at school319 - other education related activity at school321 - lecture |
| Eloc = 5 | Service or shop  | 0 – out of home And activity :133 - hairdressing142 - medical service2601 - work related shopping-visiting shop 3301 - shopping for items for a course4422 - car related service451 - grocery, routine shopping452 - purchasing household goods463 - banking service7801 - purchase access to leisure – off line |
| Eloc = 6 | Restaurant, café | 0 – out of home And activity:775 - alcohol, drinking at the bar, karaoke)121 - meals with family1221 - meals alone1222 - meals with others 123 - snacks and drinks |
| Eloc = 7 | Place of worship | 0 – out of home And activity:741 - personal religious activities742 - religious service, meeting743 - other religious activity |
| Eloc = 8 | Travelling | 2 walk 3 bus (public transport, local)4 subway5 taxi6 car 7 bicycle, motorcycle, company bus, school bus8 express bus, train, express train, tour bus9 other (airplane, ship etc) |
| Eloc = 9 | Other locations |  |
| Mtrav = 1 | Car, motorcycle, taxi | 5 taxi6 car7 bicycle, motorcycle, company bus, school bus |
| Mtrav = 2 | Public transport | 3 bus (public transport, local)4 subway8 express bus, train, express train, tour bus |
| Mtrav = 3 | Walk | 2 walk761 - walking762 - hiking/climbing |
| Mtrav = 4 | Cycle or other active transport | Not possible to create  |
| Mtrav=5 | Other & unspecified | 9 other  |
| ICT = 1 | Reported using computer, ICT or internet  | 714 - internet chatting, send email 7371 - surf internet7372 - other internet772 - computer game 722 - computer learning  |
| Alone | No one else reported present | Who=1 alone (no interaction – self definition)AND no child, no spouse, and no other adults present |
| Child | Child present | Who=3 child below school age511 - washing, feeding, physical care of children5121 - reading etc with children5122 - play with children5191- provide medical care to child under school age5291- provide medical care to school aged child5192 - unspecified child care - under school age5292 - unspecified child care - school aged521 - prepare the child to go to school 522 - help with homework |
| Sppart | Partner present | Who=2 with spouse5301 - care for partner/spouse who needs medical help5309 - care for partner/spouse - not because they need |
| Oad | Other adult present | Who=2 with spouse Who=4 other family/relatives Who =5 other people 5401 - medical, physical care for parents/grandparents5409 - other care for parents/grandparents |

**Core 25 Activities**

|  |  |  |
| --- | --- | --- |
| **Core 25 Variables** | **Activities** | **Corresponding Main69 activities** |
| Core1 | sleep | main2 + main3 |
| Core2 | eatdrink | main5 + main6 |
| Core3 | selfcare | main1 + main4 |
| Core4 | paidwork | main7 + main8 + main9 + main10 + main11 + main12+ main13 + main14 |
| Core5 | educatn | main15 + main16 + main17 |
| Core6 | foodprep | main18 + main19 |
| Core7 | cleanetc | main20 + main21 + main23 |
| Core8 | maintain | main22 |
| Core9 | shopserv | main24 + main25 + main26 |
| Core10 | garden | main46 |
| Core11 | petcare | main27 + main47 |
| Core12 | eldcare | main32 |
| Core13 | pkidcare | main28 + main31 |
| Core14 | ikidcare | main29 + main30 |
| Core15 | religion | main34 |
| Core16 | volorgwk | main33 |
| Core17 | commute | main63 + main64 |
| Core18 | travel | main62 + main65 + main66 + main67 + main68 |
| Core19 | sportex | main42 + main43 + main44 |
| Core20 | tvradio | main57 + main58 + main59 |
| Core21 | read | main56 |
| Core22 | compint | main60 + main61 |
| Core23 | goout | main35 + main36 + main37 + main38 + main39 + main40 + main41 + main45 |
| Core24 | leisure | main48 + main49 + main50 + main51 + main52 + main53 + main54 + main55 |
| Core25 | missing | main69 |

**VARIABLE-SPECIFIC INFORMATION**

**BACKGROUND VARIABLE NOTES**

The following variables cannot be created:

* cday
* computer
* vehicle
* unemp
* health
* carer
* disab
* cohab
* animal
* whereborn
* incorig
* region
* ethnic
* migrantd
* migrantm
* migrantf

**MONTH**

Korean data was collected in March and in September, but it was not possible to distinguish between March and September – hence the month was coded as September.

**AGEKIDX, AGEKID2**

There were three households with pregnant women (child age coded as -1).

hldid = 1411, 1502, 8013

These were coded as agekidx=1 and youngest child age as 0.

Also it was not possible to distinguish between children and son/daughter in-law in case of married children in the household. For AGEKID2, the possible son/daughter-in-law cases were coded as -8 when aged over 18. (84 households)

**RELREFP**

Own child and son/daughter in law, and parent and father/mother in law were not able to be distinguished. The married child and his/her spouse were both coded as child (relrefp=3), and parents (including the spouse side) were coded as parent (relrefp=4). Grandchildren and grandparents were coded as ‘other relative’(relrefp=9). Only unmarried siblings were identified, because married siblings and their partners were coded as ‘others’ in Korean original data.

**PARTID**

Child and son/daughter-in-law was not able to be distinguished (247 cases). In case there are only two people (men and women) coded as the married child/in law of the reference person in the same household, and both stated that they are married (marital status), then we imputed them as partners. 144 cases were matched up as couples. There were two households with 2 women and 2 men with the code in each household, but from the perspective of Korean culture, it is unlikely that they are gay couples/there is no way to find it out. The partners of siblings of main reference person were not able to be identified, because married siblings and their partners were coded as ‘others’ in Korean data.

675 people answered ‘married’, but no partner was recorded in the household. We coded them as civstat=1, with partid=-8 (partner unidentifiable). This could be the case that these people do not live together, or the partner did not participate in the survey (e.g, not available or refused to participate), but we cannot distinguish which is the case.

**PARNTID1, PARNTID2**

It was not possible to distinguish the parent of married child and that of the son/daughter in law.

**INCOME**

No household income variable is available. This was estimated from the original monthly individual income, and as the original income was coded as income groups, the percentiles does not match exactly.



**URBAN**

Note that this was constructed from farm/non-farm household distinction, as no other information was available. Thus, non-farm household can still be located in rural area.

**COHAB**

Korean data did not include category of cohabitation when asking for civic status. Only one household was identified as living with a partner without being married. Thus this variable was coded as -9.

**OCCUPO**

Original value labels

1 management

2 professional

3 officiarial

4 service

5 sales

6 farm/fishery etc

7 technician

8 engineer

9 labour

A military

As this variable was string variable, it was changed to numeric, and military was coded as 0 instead of A.

**CITIZEN**

Only Korean citizens were included in the survey.

**WORKHRS**

This was constructed from hours worked last week.

**EMPSTAT**

Only respondent who are employed reported whether they are full-time or part time. We used minimum 30 hours per week as threshold for full-time for self-employed and others, as in other countries. Note that in Korea, the employee is defined as part-time if his working hour (contracted) is shorter than the regular fulltime workers even for 1 hour, thus this can be longer than 30 hours per week of self-employed.

**RETIRED**

No information is available. This variable is created from the main economic status during the last week. If the diarist is aged above the legal retirement age (60 in Korea) and does not report working full-time hours, he/she is coded as retired. Therefore, older people who work part-time hours are included as retired.

**EDUCAT**

Original value labels

|  |  |
| --- | --- |
| 0 | No education |
| 1 | elementary school |
| 2 | middle school |
| 3 | high school |
| 4 | college (less than 4 years) |
| 5 | university (4 years) |
| 6 | Postgraduate (Master's) |
| 7 | Postgraduate (PhD) |

**ACTIVITY CODES NOTES**

**Main5: Meals at work or school**

Korean data have no code to distinguish locations for meals. Therefore the following information has been used to code this activity:

1) Previous activity at work or school - eat - post activity at work or school (location not home)

2) Primary activity is eating, and secondary activity is work or school, not home

3) Secondary activity eating, main either school or work

**Main6: Other meals or snacks**

In Korean data, it was not able to distinguish paid/not-paid meals, just home/not home code. In this case, location = home is used to code this.

**Main48: Receive or visit friends**

In Korea, it is only 'receive friends, not visit’ as only 'home' or not home is possible to distinguish for the activity.

**Main49: Conversation**

telephoning and text messaging were included.

**Eloc**

It is not possible to distinguish another's home and just outside. Therefore, eloc=2 cannot be created.

**mtrav**

in Korean code, motorcycle, school bus, company bus, and bicycle were in the same category (loc=7) This was coded as MTRAV=1 (although bicycle was included in this category).

**sppart**

Note that Korean data code someone is present only when the respondent interacted with the person**.**

In Korea, there's code for looking after the spouse. If the respondent recorded he/she was looking after the spouse, the spouse was assumed to be with the respondent.

**child**

Note that Korean data only records children under school age for this (and also only when the child directly interacted with the respondent). Therefore, child aged over 7 and below 18 is not included in the ‘with whom code. However, it was assumed that the child (aged below 18) was present if the respondent were doing childcare.

**oad**

Note that Korean data includes all family/relatives (other than below school age children) into one category (who=4), so children below 18 (but above school age) can also be classified as other adults. There is code for taking care of parents or grandparents – when the respondent was taking care of parents or grandparents, this was coded as oad=1

**alone**

In Korean data, if there was no interaction (own definition), it is originally coded as alone (including sleep). The alone variable in Korean MTUS was created by combining with other measures (who==1 & sppart==0 & child==0& oad==0).

**EPNUM**

One respondent (hldid=3006, persid=3, id=1) showed very high number of episode (epnum>64) – this person had a busy day (alternating paid work and travel – likely to be a delivery person) and appears to have taken a shortcut in reporting in the second half of the day on both days, while putting effort on recording exact minutes for the first half of the day.