# 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 41 Variables** | **Activity** | **Korea 2009 original activity codes** |
| AV1 | Paid work | **SA not = 1 (not at home) and**  211 - main work  213 - work break  214 - training at work  2601 - work related shopping  2602 - work related shopping-online, TV etc  216 - other work-related activity  299 - other work-related activity |
| AV2 | Paid work at home | 215 - work brought home  **SA = 1 (at home) and**  211 - main work  213 - work break  214 - training at work  2601, 2602 - work related shopping  216, 299 - other work-related activity  250 - job search |
| AV3 | Paid work, Second job | 212 - second job  220 - unpaid work for family business-non farm  230 - unpaid work for family business – farm etc |
| AV4 | School/classes | 311 - class  312 - break between classes at school  313 - self study at school  314 - education event at school  319 - other education related activity at school  321 - lecture  723 - employment related qualification  724 - leisure courses, hobby related |
| AV5 | Travel to/from work | 821 - commuting to work  822 - other work related travel  831 - education related travel |
| AV6 | Cooking/washing up | 411 - preparation of food  412 - washing up  413 - kimchi, pickles, preserves etc |
| AV7 | Housework | 421 - laundry, hang clothes on the line  422 - put clothes away  423 - ironing etc  431 - tidying  432 - routine indoor cleaning  433 - other cleaning  499 - unspecified housework |
| AV8 | Other domestic work | 4411 - home maintenance  4421 - car washing etc  4431 - other tasks in and around home  461 - household accounting  462 - household financial planning  5301 - care for partner/spouse who needs medical help  5309 - care for partner/spouse - not because they need help - routine, e.g., help husband prepare to go to work, dye hair, provide massage etc  5401 - medical, physical care for parents/grandparents  5409 - other care for parents/grandparents  5501- medical care for other family members  5509 - other care for other family members  6101 - informal help to other household  6102 - help neighbour’s housework  6109 - other help to neighbour, other household |
| AV9 | Gardening | 240 - grow vegetables for self- consumption |
| AV10 | Shopping | 3301 - shopping for items for a course  3302 - shopping for items for a course-online, TV etc  424 - taking clothes to the cleaners  4412 - maintenance service  4422 - car related service  4432 - service related home  451 - grocery, routine shopping  452 - purchasing household goods  4531 - routine shopping-online, TV etc  4532 - purchasing household goods-online, TV etc  463 - banking service  7801 - purchase access to leisure – off line  7802 - purchase access to leisure – online, TV etc |
| AV11 | Child care | 511 - washing, feeding, physical care of children  5121 - reading etc with children  5122 - play with children  5191- provide medical care to child under school age  5291- provide medical care to school aged child  5192 - unspecified child care - under school age  5292 - unspecified child care - school aged  521 - prepare the child to go to school  522 - help with homework  523 - 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 care  132 - dressing, make up etc  199 - other personal care |
| AV14 | Consume personal services | 133 - hairdressing  142 - medical service  141 - providing own medical care |
| AV15 | Meals/snacks | 121 - meals with family  1221 - meals alone  1222 - meals with others  123 - snacks and drinks  **and SA = 1 (AT HOME)** |
| AV16 | Sleep | 111 - sleep  112 - naps  143 - resting because ill |
| AV17 | Free time travel | 800 - waiting to transport  861 - voluntary activity related travel  871 - social related travel  8721 - personal interest travel  8722 - other leisure related travel  891 - other travel |
| AV18 | Excursions | 753 - museums, galleries, exhibitions  755 - other exhibitions etc  765 - drive/sightseeing/day trip |
| AV19 | Active ports participation | 763 - exercise  764 - team sport  766 - other outdoor sports/leisure |
| AV20 | Passive sports participation | 754 - watching sport live at the event |
| AV21 | Walks | 761 - walking  762 - hiking/climbing |
| AV22 | Religious Activities | 741 - personal religious activities  742 - religious service, meeting  743 - other religious activity |
| AV23 | Civic Activities | 6211 - community activity  6212 - voluntary activity  631 - community event  632 - parental voluntary activity  633 - volunteering for children, older people, disabled  634 - help people living in region with natural disaster  639 - other voluntary work - unspecified  919 - fill in time diary |
| AV24 | Cinema/theatre | 751 - cinema etc  752 - theatre, concert |
| AV25 | Dances or Parties | 715 - family gathering-traditional  719 - 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, more  1221 - meals alone eating away from  1222 - meals with others home at restaurants  123 - 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 - TV  734 - video etc |
| AV32 | Listen to records, CDs | 736 - listen to recordings |
| AV33 | Study | 322 - self study outside school  329 - education related activity outside school  721 - foreign language  722 - computer learning  729 - other study |
| AV34 | Reading books | 771 - read books |
| AV35 | Reading papers/magazines | 731 - read newspaper  132 - read magazine |
| AV36 | Relaxing | 776 - smoking  777 - doing nothing, resting |
| AV37 | Conversation | 711 - telephoning including text messaging |
| AV38 | Entertaining friends at home | 712 - meeting relatives  713 - friends and others  715 - 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 searches  772 - computer game  773 - playing  774 - other hobby  799 - 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 - sleep  112 - naps  143 - 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 etc  141 - providing own medical care  199 - 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 alone  1222 - meals with others  123 - 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 work  214 - training at work  2601 - work related shopping-visiting shop  2602 - work related shopping- online, TV  212 - second job  220 - unpaid work for family business-non farm  230 - 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 farm  230 - 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 - class  312 - breaks between classes at school  314 - education event at school  319 - other education related activity at school  321 - lecture |
| Main/Sec16 | Homework | 322 - self study outside school  313 - self study at school |
| Main/Sec17 | Leisure/other education of training | 329 - education related activity outside school  721 - foreign language training  722 - computer learning  723 employment related qualification  724 - leisure courses, hobby related  729 - other study  3301 - shopping for items for a course  3302 - shopping for items for a course-online/TV |
| Main/Sec18 | Food preparation/ cooking | 411 - preparation of food  413 - pickles, preserves etc |
| Main/Sec19 | Set table, wash or put away dishes | 412 - washing up |
| Main/Sec20 | Cleaning | 431 - tidying  432 - routine indoor cleaning  433 - other cleaning |
| Main/Sec21 | Laundry, ironing, clothing repair | 421 - laundry, hang clothes on the line  422 - put clothes away  423 - ironing, repair clothes |
| Main/Sec22 | Home/vehicle maintenance or improvement | 4411 - home maintenance  4421 - car washing, vehicle maintenance |
| Main/Sec23 | Other domestic work | 461 - household accounting  462 - household financial planning  499 - other domestic work  4431 - other home maintenance-care of pets, care of plants, separating garbage, recycling |
| Main/Sec24 | Purchase goods and general consumption activities | 451 - grocery, routine shopping  452 - purchasing household goods  4531 - routine shopping-online, TV etc  4532 - purchasing household goods-online, TV  7801 - purchase access to leisure - off line  7802 - purchase access to leisure - online, TV |
| Main/Sec25 | Consume personal services | 133 - hairdressing  142 - medical service |
| Main/Sec26 | Consume other services | 424 - taking clothes to the cleaners  4412 - household maintenance service  4422 - car related service  4432 - other service related to maintenance  463 - 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 etc  5191 - medical care to child under school age  5291 - medical care to school-aged child  521 - 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 child  5122 - play with child |
| Main/Sec31 | Supervise, accompany, other child care | 523 - parents-teacher meeting  5192 - unspecified child care- under school age  5292 - unspecified child care |
| Main/Sec32 | Adult care | 5301 - care to partner/spouse, needs medical help  5309 - care for partner/spouse - not because they need help - routine, e.g., help husband prepare to go to work, dye hair, provide massage etc  5401 - medical care for parents/grandparents  5409 - other care for parents/grandparents  5501 - medical care for other family members  5509 - other care for other family members |
| Main/Sec33 | Voluntary, civic, organisational activity | 6101- informal help to other household  6102 - help neighbour’s housework  6109 - other help to neighbour, other household  6211 - voting, jury etc  6212 - civic , community activity  631 - national, community related voluntary activity  632 - voluntary activity related to child’s school  633 - volunteering, children, older people, disabled  634 - help people living region with natural disaster  639 - other voluntary work - unspecified  919 - fill in time diary |
| Main/Sec34 | Worship and religion | 741 - personal religious activities  742 - religious service, meeting  743 - 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 etc  752 - 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 family  1221 - meals alone  1222 - 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 CTUR  999 - No entry, incomplete, unrecognizable  **and SA not =1 (not home)** |
| Main/Sec42 | General sport or exercise | 763 - general exercise  764 - team sport  766 - other outdoor sports/leisure |
| Main/Sec43 | Walking | 761 - walking  762 - 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 event  713 - friends and others, social event  (regardless of location)  **and when SA = 1 (at home)**  715 - family gathering-traditional  719 - 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 - hobby  425 - sewing, knitting |
| Main/Sec55 | Relax, think, do nothing | 776 - smoking while doing nothing  777 - doing nothing, resting |
| Main/Sec56 | Read | 771 - read books  731 - read newspaper  732 - 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 - TV  734 - 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 internet  7372 - 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 travel  8721 -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 care  841 - domestic related travel |
| Main/Sec68 | Other travel | 800 - waiting to transport  871 - 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 - sleep  112 - naps  143 - resting because ill  131 - personal care  132 - dressing, make up etc  199 - other personal care  133 - hairdressing  142 - medical service  141 - providing own medical care  215 - work brought home  311 - class  312 - breaks between classes at school  314 - education event at school  319 - other education related activity at school  321 – lecture  411 - preparation of food  412 – washing up  413 - pickles, preserves etc  431 - tidying  432 - routine indoor cleaning  433 - other cleaning  421 - laundry, hang clothes on the line  422 - put clothes away  423 - ironing, repair clothes  461 - household accounting  462 - household financial planning  499 - other domestic work  4431 - other home maintenance-care of pets, care of plants, separating garbage, recycling  775 - alcohol, drinking at the bar, karaoke)  121 - meals with family  1221 - meals alone  1222 - meals with others  123 - snacks and drinks  511 - washing, feeding, physical care of children  5121 - reading etc with children  751 - cinema etc  752 - theatre, concert  521 - prepare the child to go to school  753 - museums, galleries, exhibitions  741 - personal religious activities  742 - religious service, meeting  743 - other religious activity |
| Inout = 2 | Outside | 2 – out of home  715 - family gathering-traditional (out of home)  761 - walking  762 - hiking/climbing  764 - team sport  765 - sightseeing/day trip  766 - other outdoor sports/leisure |
| Inout = 3 | In a vehicle | 3 bus (public transport, local)  4 subway  5 taxi  6 car  7 bicycle, motorcycle, company bus, school bus  8 express bus, train, express train, tour bus  9 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, TV  212 - second job  220 - unpaid work for family business-non farm  230 - unpaid work for family business – farm etc  213 - work break  216, 299 - other work-related activity |
| Eloc = 4 | School | 0 – out of home  And activity  311 - class  312 - breaks between classes at school  314 - education event at school  319 - other education related activity at school  321 - lecture |
| Eloc = 5 | Service or shop | 0 – out of home  And activity :  133 - hairdressing  142 - medical service  2601 - work related shopping-visiting shop  3301 - shopping for items for a course  4422 - car related service  451 - grocery, routine shopping  452 - purchasing household goods  463 - banking service  7801 - 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 family  1221 - meals alone  1222 - meals with others  123 - snacks and drinks |
| Eloc = 7 | Place of worship | 0 – out of home  And activity:  741 - personal religious activities  742 - religious service, meeting  743 - other religious activity |
| Eloc = 8 | Travelling | 2 walk  3 bus (public transport, local)  4 subway  5 taxi  6 car  7 bicycle, motorcycle, company bus, school bus  8 express bus, train, express train, tour bus  9 other (airplane, ship etc) |
| Eloc = 9 | Other locations |  |
| Mtrav = 1 | Car, motorcycle, taxi | 5 taxi  6 car  7 bicycle, motorcycle, company bus, school bus |
| Mtrav = 2 | Public transport | 3 bus (public transport, local)  4 subway  8 express bus, train, express train, tour bus |
| Mtrav = 3 | Walk | 2 walk  761 - walking  762 - 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 internet  7372 - other internet  772 - 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 age  511 - washing, feeding, physical care of children  5121 - reading etc with children  5122 - play with children  5191- provide medical care to child under school age  5291- provide medical care to school aged child  5192 - unspecified child care - under school age  5292 - unspecified child care - school aged  521 - prepare the child to go to school  522 - help with homework |
| Sppart | Partner present | Who=2 with spouse  5301 - care for partner/spouse who needs medical help  5309 - 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/grandparents  5409 - 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.