# README FILE FOR CANADA 2010

31 August 2016

**CONTENTS**

* Technical description of the survey
* Information on the original files
* Time-use variables
* Variable-specific information

**TECHNICAL DESCRIPTION OF THE SURVEY**

|  |  |
| --- | --- |
| **Age range** | +15  |
| **Response rate** | 55.2% |
| **Number of diary days** | 1 |
| **Survey period** | January to December 2010 |
| **Multi-member household survey** | No  |
| **Type of diary** | Retrospective  |
| **Mode of data collection** | Computer assisted telephone interviewing (CATI)  |
| **Time interval in the diary** | Open, nominate minute of start |
| **Data on secondary activities** | Yes (respondents were allowed to report up to 3 additional simultaneous activities but smaller list of options than main activity) |
| **Data on where the activity was carried out** | Yes |
| **Data on with whom was present** | Yes |
| **Number of activity codes** |  265 main, 25 secondary codes |
| **Number of cases in the original file**  | 15390 diaries (14902 adults aged 18+, 488 children aged <18) |
| **Number of ‘good’ diaries in the World 5.5 file** | 15155 diaries (14681 adults aged 18+, 474 children aged <18) |

**INFORMATION ON THE ORIGINAL FILES**

There are two original files used to create the MTUS file:

**SPSS\_Episode\_withno\_bootstrap\_E.sav** contains information on individuals.

**c24pumf\_eng.SAV** contains aggregated information on time use variables as well as various other demographic and socio-economic variables.

**TIME-USE VARIABLES**

**Activity Variable Documentation for CAN 2010**

|  |  |  |
| --- | --- | --- |
| **MTUS****Variable** | **Variable Label** | **Canada 2010 original activity codes** |
| AV1 | Formal work | If **PLACE** is NOT at 01 Respondent's Home and activity is: **0110** - work for pay at main job **0210 -** overtime work**0400 -** wait/delays at work in work hours**0500** *-* meals/snacks at work**0600 -** idle time before/after work hours **0700 -**  coffee/other breaks at work **0803 -** security process related to paid work**0809** *-* other work activities |
| AV2 | Paid work at home | If **PLACE** is at 01 Respondent's Home and **0110** - work for pay at main job **0210 -** overtime work**0400 -** waiting/delays at work in work hours**0600 -** idle time before/after work hours **0700 -**  coffee/other breaks at work **0803 -** security process related to paid work**0809** *-* other work activities**0220**  looking for work |
| AV3 | Second job | **0120** *-* work for pay at other job(s)**0230 -** unpaid work in a family business/farm**0801 -** sell goods/services on Internet (eBay) **0802 -** other income-generating activities **8320 *-*** hobbies done for sale or exchange**8420 -** domestic home crafts done for sale or exchange |
| AV4 | School/classes | **5000 -** full-time classes**5110 *-*** other classes (part-time) **5120 -** credit courses on television **5200 -** special lectures (occasional outside regular work or school)**5400 -** meals/snacks/coffee at school**5500 *-*** breaks/waiting for class**5601 –** leisure/special interest classes**5602** self-development (parenting, Lamaze, self-defence) **5801 *-*** security process related to education**5809 -** other education (school assembly)  |
| AV5 | Travel to/from work | **0300** - travelling as part of work **0900 -** travel to/from paid work **5900 -** travel to/from school/education |
| AV6 | Cooking/washing up | **1010 -** meal preparation **1020 *-*** bake, preserve food, home brewing**1100 -** food/meal clean-up**1812 -** searching internet for recipe  |
| AV7 | Housework | **1200 *-*** indoor cleaning**1300 *-*** outdoor cleaning (garbage, snow removal, garage)**1400 -** laundry, ironing, folding laundry  |
| AV8 | Odd jobs | **1510 -** mending clothes/shoe care**1610 -** interior maintenance and repair **1620 -** exterior maintenance & home repair**1630 *-*** vehicle maintenance **1640 -** other home improvements **1712 *-*** grounds maintenance**1720 -** pet care (walking, grooming, feeding)**1730 -** care of house plants**1811 -** household management **1813 -** household financial administration**1820 *-*** stacking and cutting firewood **1830 -** other domestic/household work **1840 -** unpacking groceries**1850 -** pack and unpack luggage and/or car**1860 -** pack/unpack to move the household**2711 -** personal care - household adults **2712 -** education help for household adult**2713 -** looking after household adult**272 -** miss-codings (unintended error code)**2721 -** medical care - household adults **2722 -** emotional care - household adults **2821 -** visit establishment for hhold adult**2822 *-*** associated communication**2829 *-*** other help for household adults **6751 -** personal care for non-hhold adult **6752 -** medical care for non-household adult**6753 *-*** education help to non-hhold adult **6754 –** look after non-hhold adult (main act)**6759 -** other unpaid help to non-hhold adult  |
| AV9 | Gardening | **1711 –** gardening |
| AV10 | Shopping | **3010 *-*** grocery, market, convenience store **3021 -** shop for gas **3022 -** research to purchase everyday goods **3023 *-*** purchase everyday goods/services on the internet**3024 -** shop for plants/flowers for home **3029 -** shop for other everyday goods**3040 -** rent a video **3101 -** shop for durable household goods **3102 *-*** read/research for purchasing durable household goods **3103 -** purchase durable household goods on internet **3310 *-*** financial services (banking, insurance, loans, taxes, consulting)**3321 -** government services (post office, police, driver's license, welfare) **3501 -** professional service (lawyer, vet) **3502 -** dwelling renovation (e.g., contractors, plumbers, architect) **3503 -** private mail service (Fed-Ex) **3509 -** other professional service **3610 -** car maintenance and repair (car wash, oil change, tire rotation) **3620 -** other repair and cleaning  services (dry cleaner, TV repair) **3700 -** waiting for purchases or services **3801 *-*** shop at garage sale, yard sale, flea market, auction**3802 -** check into/out of hotel, motel or B&B**3803 -** shop for hobby equipment/supplies**3804 *-*** security process related to shopping**3809 -** other shopping and services |
| AV11 | Childcare | **2001 *-*** child care (infant to 4 years old) **2002 -** food preparation for child under 5**2003 -** feeding a child **2110 *-*** putting child to bed **2120 -** getting children ready for school **2130 -** personal care for household child**2200 *-*** helping, teaching, reprimanding **2301 -** reading with child**2302 -** talking/conversation with child **2400 *-*** playing with child**2501 -** medical care – household child **2502 -** emotional care of household child**2600 *-*** unpaid babysitting - household child**2811 -** visiting child care/school**2812 -** communication related to child care**2818 -** other education help for hhold child**2819 *-*** other non-educational help to household child **6731 *-*** personal care for non-hhold child **6732 -** medical care for non-household child**6733 -** education help to non-hhold child **6734 *-*** look after non-hhold child (main act) **6735 -** read/talk with non-household child**6739 -** unpaid help for non-household child |
| AV12 | Domestic travel | **1900 -** travel to/from unpaid domestic work **2910 -** travel to/from care of household child**2920 -** travel to/from care of household adult**3900 -** travel to/from shopping/use services**4910 *-*** travel to/from restaurant **4920 -** travel for personal care activities  |
| AV13 | Dressing/toilet | **4000 *-*** washing, dressing **4800 -** other personal care/private activities (e.g. washroom activities, sex) **4101 -** medical care by/for self at home |
| AV14 | Receiving personal services | **3200 -** personal care services (barbers etc)**3401 *-*** adult medical and dental care, including having prescriptions filled**3402 -**  adult medical care (inside home)**4102 -** personal medical care (at home) - administered by household member **4103 *-*** personal medical care (at home) - administered by non-household (unpaid) |
| AV15 | Meals/snacks | **4300 -** meals/snacks/coffee at home (include take-out eaten at home)**4310 *-*** other meals/snacks/coffee (cottage, park, picnic, hotel) **6420 -** meals/snacks/coffee at religious service **6610 -** meals/snacks/ coffee at place of volunteer work**7540 -** meals/snacks/coffee at an institution (exclude restaurants) |
| AV16 | Sleep/naps | **4500 -** night sleep/essential sleep **4600 *-*** naps/lying down |
| AV17 | Leisure travel | **6910 -** travel to/from civic/voluntary activity **6920 *-*** travel to/from religious services **7910 -** travel to/from attending sports movies or other entertainment events**7920 -** travel to/from private home social**7930 *-*** travel to/from other socialising (to bars, hospitals, weddings) **8710 -** pleasure drives (as the driver) **8720 -** pleasure drives (as passenger in car) **8730 -** other pleasure drives (tour bus)**8910 *-*** travel to/from active sport/outdoors**8920 -** travel to/from coaching activities **8930 -** travel to/from hobbies/sale of crafts**8940 *-*** travel to/from other leisure activities **9900 -** travel for media/communication |
| AV18 | Excursions/trips | **3322 -** visiting the library **7120 -** fair/circus, parade, amusement parks **7130 -** zoo, botanical garden, planetarium**7410 -** museums (excluding art museums)**7420 *-*** art galleries (art exhibition)**7430 -** heritage sites (archaeological sites) **7802 *-*** other non-sporting and non-entertainment events**8140 –** camping |
| AV19 | Playing sport | **8000 -** coach sports competitively or leisurely (unpaid) **8011 -** football**8012 *-*** field hockey **8013 -** baseball or softball **8014 -** soccer**8015 -** volleyball **8016 -** hockey**8017 -** basketball **8021 *-*** tennis**8022 -** squash, racquetball, paddleball**8031 -** golf**8032 *-*** miniature golf**8041 -** swimming**8042 -** waterskiing **8051 *-*** ice skating **8052 -** downhill skiing or snowboarding**8053 -** other skiing, sledding, curling**8061 *-*** bowling**8062 -** pool, ping-pong, pinball **8071 -** home exercises**8072 *-*** weight-training**8073 -** exercise class or aerobics**8074 -** yoga**8080 *-*** judo, boxing, wrestling, fencing **8090 -** rowing, canoeing, kayaking, wind surfing, sailing **8101 -** in-line skating or rollerblading**8109 *-*** other sports (frisbee, catch, track & field, skateboarding) **8110 -** hunting (as a sport) **8120 -** fishing (as a sport) **8130 *-*** boating (motorboats or rowboats) **8150 -** horseback riding, rodeo, dressage **8212 -** jogging, running**8220 -** bicycling  |
| AV20 | Watching sport | **7010 -** professional sports events**7020 -** amateur sports events **7801 -** sporting and entertainment events |
| AV21 | Walks | **8160 *-*** other outdoor activities/excursions (picnic, car rally, bird watching)**8211 -** walking **8213 *–*** hiking |
| AV22 | Religious activities | **4110 -** private prayer, mediation and other informal spiritual activities **6400 -** religious services/prayer/bible reading **6802 -** other religious activity  |
| AV23 | Civic organisations | **6000 *-*** professional, union, general meetings **6100 -** political, civic activity vote, jury duty, city council, donate blood)**6200 -** child, youth, family organizations (e.g. scout leader, school volunteer) **6300 –**religious meetings, organizations (e.g. choir practice, church socials) **6510 *-*** fraternal & social organizations**6520 -** support groups (AA, Weight Watchers)**6601 -** volunteer work (organisations) – organising and planning **6602 *-*** volunteer work (organisations) **6603 -** volunteer work (organisations) - collecting and delivery of goods **6604 -** volunteer work (organisations) – building structures, indoor/outdoor maintenance and repair**6605 *-*** volunteer work (organisations) - food presentation, preparation, clean-up**6609 -** volunteer work (organisations) - other volunteer work**6711** - housework or cooking assistance **6712** - pet care for non-household pets**6720** - house maintenance/repair help**6740** - transporting assistance to someone other than a household member**6760 *-*** correspondence help (letters, forms)**6770 -** unpaid help for family business/farm**6780 -** other unpaid work/help **6801 *-*** other organisational/voluntary activity  |
| AV24 | Cinema/theatre | **7110 *-*** pop music concerts **7200 *-*** movies/films at a theatre/cinema, art films, drive-in movies **7300 -** classical music concerts, opera, ballet, theatre |
| AV25 | Dance/party, etc. | **7700 -** casino, bingo, arcade**8502 -** popular or social dance **8622 -** video games / exercise based games (wii, exertris, dance revolution) |
| AV26 | Social clubs | COULD NOT BE CREATED  |
| AV27 | Pubs | **7600 *-*** socialising at bars, clubs |
| AV28 | Restaurants | **3030 *-*** take-out food **4400 -** meals at restaurant  |
| AV29 | Visiting friends | If PLACE is NOT at 01 Respondent's Home and: **7510** - socialise at private home (no meal) **7520 *-*** socialise at private home (with meal)**7530 -** other socialising (eg at malls)  |
| AV30 | Listening to radio | **9001 -** listen to radio on-line **9002 -** other radio listening |
| AV31 | Watching TV | **9110 *-*** watch scheduled TV programming **9120 -** watch recorded TV programming **9130 -** watch rented, purchased or downloaded movies **9141 -** watch TV on-line (include podcasts)**9149 -** other television viewing (video recorded home movies) |
| AV32 | Listening to music, etc. | **9200 -** listening to CD's, tapes, records  |
| AV33 | Study | **5301 *-*** homework (course, career, self-development) **5302 -** using internet for research/homework  |
| AV34 | Reading books | **9310 *-*** read books  |
| AV35 | Reading papers/magazines | **9321 -** read magazines, pamphlets, bulletins, newsletters **9322 -** read on-line; magazines, pamphlets, bulletins, newsletters **9401 *-*** read newspapers (actual paper copy) **9402 -** read newspapers (on-line) **9610 *-*** read personal mail (including flyers and advertisements)  |
| AV36 | Relaxing | **4700 -** relaxing, thinking, resting, smoking  |
| AV37 | Conversation | **9500 -** talk, conversation with household members **9511 *-*** talk on phone (excluding work)**9512 -** text messaging using a cell-phone - send a text message**9513 -** text messaging using a cell-phone - receive a text message |
| AV38 | Entertaining friends | If **PLACE** is at 01 Respondent's Home and: **7510** - socialise at private home (no meal) **7520 *-*** socialise at private home (with meal)**7530 -** other socialising (at malls)  |
| AV39 | Knitting/sewing | **1520 *-*** dressmaking, sewing (for self or household member)**8410 -** home crafts done mainly for pleasure (sewing, needlework) |
| AV40 | Pastimes/hobbies | **8310 -** hobbies done mainly for pleasure (painting, sketching, photography)**8501 -** singing or playing music, theatre **8610 -** games, cards, puzzles **8621 *-*** play video games/computer games**8630 -** computer - general use (excluding games and surfing the Net)**8640 *-*** surf the net **8650 -** using e-mail (write/read e-mail)**8660 -** participating in chat groups **8671 *-*** participating in social network sites (Facebook, MySpace)**8679 -** other internet communication**8800 -** other leisure activity**9620 -** write/type letters, sending greeting cards (not including use of e-mail)**9801 -** download/rip music/ movies to computer for use**9809 *-*** other media or communication |
| AV41 | Unknown activity | **0020 -** refused information |

|  |  |  |
| --- | --- | --- |
| **MTUS****Variable** | **Variable Label** | **Canada 2010 original activity codes** |
|  |
| MAIN1 | Imputed personal or household care | For main69>0:because it followed a change in location, Main1 was imputed to be equal DURATION (10 min) for RECID = 7462 On a side note, Main1 could also be imputed to be equal 20 min for RECID 3053 and 7003 for the same reason but because the length of the period of missing data would entail division of the episode to two parts and would lead to many coding problems such as increase in the number of episodes for those observations, this strategy was abandoned. |
| MAIN2 | Sleep and naps | **4500 -** night sleep/essential sleep **4600 *-*** naps/lying down |
| MAIN3 | Imputed sleep | For main69>0:because it was during the night time, Main3 was imputed to be equal DURATION for RECID = 2718, 3090, 4826, 13095 |
| MAIN4 | Wash, dress, care for self | **4000 *-*** washing, dressing **4101 -** personal medical care (at home) - by self **4800 -** other personal care/private activities (washroom activities, sex)  |
| MAIN5 | Meals at work or school | If **PLACE** is NOT at 01 Respondent's Home and not 03 Someone else's home, or 04 Restaurant/bar: **0500** *-* meals/snacks at work**5400 -** meals/snacks/coffee at school |
| MAIN6 | Other meals or snacks | **4300 -** meals/snacks/coffee at home (include take-out eaten at home)**4310 *-*** other meals/snacks/coffee (cottage, park, picnic, hotel)**6420 -** meals/snacks/coffee at religious service **6610 -** meals/snacks/ coffee at voluntary work**7540 -**meals/snacks/coffee at an institutional residence (excluding restaurants)If **PLACE** is at 01 Respondent's Home and 03 Someone else’s home: **0500** *-* meals/snacks at work**5400 -** meals/snacks/coffee at school**0700 -**  coffee/other breaks at work |
| MAIN7 | Paid work- main job (not at home) | If **PLACE** is NOT at 01 Respondent's Home and: **0110** - work for pay at main job **0210 -** overtime work |
| MAIN8 | Paid work at home | If **PLACE** is at 01 Respondent's Home and **0110** - work for pay at main job **0120** *-* work for pay at other job(s)**0210 -** overtime work**0230 -** unpaid work in a family business/farm**0809** *-* other work activities |
| MAIN9 | Second or other job not at home | If **PLACE** is NOT at 01 Respondent's Home and: **0120** *-* work for pay at other job(s)**0230 -** unpaid work in a family business/farm |
| MAIN10 | Unpaid work to generate household income | **0801 -** sell goods/services on internet (eBay) **0802** - other income-generating activities**8320 *-*** hobbies done for sale or exchange **8420 -** domestic home crafts for sale/exchange |
| MAIN11 | Travel as a part of work | **0300** - travelling as part of work  |
| MAIN12 | Work breaks | If **PLACE** is NOT at 01 Respondent's Home and 03 Someone else’s home: **0700 -**  coffee/other breaks at work |
| MAIN13 | Other time at workplace | **0400 -** waiting/delays at during work hours **0600 -** idle time before/after work hours**0803 -** security process related to paid workIf **PLACE** is NOT at 01 Respondent's Home and:**0809** *-* other work activities |
| MAIN14 | Look for work | **0220**  looking for work |
| MAIN15 | Regular schooling, education | **5000 -** full-time classes **5500 *-*** breaks/waiting for class  |
| MAIN16 | Homework | **5301 *-*** homework (course, career, self-development) **5302 -** using the internet for research/homework  |
| MAIN17 | Leisure/other education or training | **5110 *-*** other classes (part-time)**5120 -** credit courses on television **5200 -** special lectures (occasional outside regular work or school)**5601 -** leisure and special interest classes **5602** self-development (parenting, Lamaze, self-defence) **5801 *-*** security process related to educational**5809 -** other education activities (school assembly) |
| MAIN18 | Food preparation, cook | **1010 -** meal preparation**1020 *-*** baking, preserving food, home brewing**1812 -** searching internet for recipe  |
| MAIN19 | Set table, wash/put away dishes | **1100 -** food/meal clean-up |
| MAIN20 | Cleaning | **1200 *-*** indoor cleaning**1300 *-*** outdoor cleaning (garbage, snow removal, garage) |
| MAIN21 | Laundry, ironing, clothing repair | **1400 -** laundry, ironing, folding laundry**1510 -** mending clothes/shoe care **1520 *-*** dressmaking, sewing (for self or household) |
| MAIN22 | Maintain home/vehicle | **1610 -** interior maintenance and repair **1620 -** exterior maintenance and repair of home **1630 *-*** vehicle maintenance**1640 -** other home improvements **1712 *-*** grounds maintenance**1820 *-*** stacking and cutting firewood |
| MAIN23 | Other domestic work | **1811 -** household management (organise/planning) **1813 -** financial administration for the household**1830 -** other domestic/household work **1840 -** unpacking groceries**1850 -** pack and unpack luggage and/or car**1860 -** pack and unpack to move household |
| MAIN24 | Purchase goods | **3010 *-*** grocery store, market, convenience store **3021 -** shop for gas **3022 -** read/research purchase of everyday goods**3023 *-*** purchase everyday goods/services internet**3024 -** shop for plants/flowers for home**3029 -** shop for other everyday goods **3101 -** shop for durable household goods **3102 *-*** read/research purchase of durable goods**3103 -** purchase durable household goods internet **3801 *-*** garage/yard sale, flea market, auction**3803 -** shop for hobby equipment or supplies **3804 *-*** security process related to shopping**3809 -** other shopping and services |
| MAIN25 | Consume personal care services | **4102 -** personal medical care (at home) - administered by household member**4103 *-*** personal medical care (at home) - from non-household (unpaid)**3200 -** personal care services (barbers, beauticians)**3401 *-*** adult medical and dental care, including having prescriptions filled**3402 -**  adult medical care (inside home) |
| MAIN26 | Consume other services | **3310 *-*** financial services (banking, insurance, loans, taxes, consulting)**3321 -** government services (post office, police, driver's license, welfare)**3040 -** rent a video **3501 -** professional service (lawyer, veterinarian)**3502 -** dwelling renovation (contractors, plumbers, architect) **3503 -** private mail service (e.g.Fed-Ex)**3509 -** other professional service**3610 -** car maintenance and repair (car wash, oil change, tire rotation) **3620 -** other repair/cleaning services (dry cleaner, TV repair) **3700 -** waiting for purchases or services**3802 -** checking into/out of hotel, motel or B&B |
| MAIN27 | Pet care (not walk dog) | **1720 -** pet care (walking, grooming, feeding) if inout is not 2 (outside) |
| MAIN28 | Physical, medical child care | **2001 *-*** child care (infant to 4 years old)**2002 -** food preparation for child under 5**2003 -** feed child **2110 *-*** put child to bed **2120 -** get child ready for school **2130 -** personal care for child of household **2501 -** medical care – household child **2502 -** emotional care of household child **6731 *-*** personal care of non-household child**6732 -** medical care for non-household child |
| MAIN29 | Teach, help with homework | **2200 *-*** helping, teaching, reprimanding**2818 -** other educational help for household child**6733 -** education help to non-household child |
| MAIN30 | Read to, talk or play with child | **2301 -** read with child**2302 -** talk/conversation with child **2400 *-*** play with child**6735 -** read/talk with non-household child  |
|  MAIN31 | Supervise, accompany, other child care | **2600 *-*** unpaid babysitting - household child **2811 -** visit child care/school establishments**2812 -** communication related to child care/school**2819 *-*** other non-educational help for hhold child**6734 *-*** look after non-household child as main act **6739 -** other unpaid help provided to non-hhold child |
| MAIN32 | Adult care | **2711 -** personal care - household adult**2712 -** education related help for household adult **2713 -** look after household adult **272 -** miss-codings (unintended error code)**2721 -** medical care - household adult**2722 -** emotional care - household adult **2821 -** visit school for household adult**2822 *-*** associated communication related to school **2829 *-*** other help for household adult**6751 -** personal care of non-household adult **6752 -** medical care for non-household adult**6753 *-*** education related help to non-hhold adult**6754 -** look after non-household adult as primary act**6759 -** other unpaid help to non-household adult |
| MAIN33 | Voluntary, civic, organizational act | **6000 *-*** professional, union, general meetings **6100 -** political, civic activity (vote, jury duty, city council, donate blood) **6200 -** child, youth, family organizations (scout leader, school volunteer) **6300 –**religious meetings, organizations (choir practice, church socials) **6510 *-*** fraternal /social organizations (Lions' Club)**6520 -** support groups (AA, Weight Watchers)**6601 -** volunteer work (organisations) – organising and planning **6602 *-*** volunteer work (organisations) **6603 -** volunteer work (organisations) - collect and delivery of goods **6604 -** volunteer work (organisations) – build structures, indoor/outdoor maintenance and repair **6605 *-*** volunteer work (organisations) - food presentation, preparation and clean-up **6609 -** volunteer work (organisations) - other volunteer work**6711 *-*** housework or cooking assistance **6712 -** animal and pet care for non-household pets**6720 -** house maintenance or repair assistance **6740 *-*** transporting assistance to someone other than a household member **6760 *-*** correspondence help (letters, bills, forms)**6770 -** unpaid help for a family business or farm**6780 -** other unpaid work/help**6801 *-*** other organisational and voluntary activity |
| MAIN34 | Worship and religion | **4110 -** private prayer, mediation and other informal spiritual activities **6400 -** religious services/prayer/bible reading **6802 -** other religious activity  |
| MAIN35 | General out-of-home leisure | **7802 *-*** other non-sport/non-entertainment event |
| MAIN36 | Attend sporting event | **7010 -** professional sports events **7020 -** amateur sports events **7801 -** sporting and entertainment events  |
| MAIN37 | Cinema, theatre, opera, concert | **7110 *-*** pop music concerts **7200 *-*** movies/films at a theatre/cinema, art films, drive-in movies **7300 -** classical music concerts, opera, ballet, theatre  |
| MAIN38 | Other public event, venue | **3322 -** visit the library**7120 -** fair/circus, parade, amusement park**7130 -** zoo, botanical garden, planetarium**7410 -** museums (excluding art museums)**7420 *-*** art galleries (art exhibition) **7430 -** heritage sites (archaeological sites)  |
| MAIN39 | Restaurant, café, bar, pub | **3030 *-*** take-out food **4400 -** meals at restaurant If PLACE=4 (restaurant and bars etc) and:**0500** *-* meals/snacks at work**5400 -** meals/snacks/coffee at school |
| MAIN40 | Party, social event, gambling | **7600 *-*** socialising at bars, clubs **7700 -** casino, bingo, arcade**8502 -** popular or social dance **8622 -** video games/exercise based games (wii, exertris, dance revolution) |
| MAIN41 | Imputed time away from home | **NOT POSSIBLE TO CREATE****0020 -** refused informationLocation is away from home, not mode of transport or refused information(no observation meeting this stipulation) |
| MAIN42 | General sport or exercise | **8000 -** coach sports competitively or leisurely (unpaid) **8011 -** football**8012 *-*** field hockey**8013 -** baseball or softball**8014 -** soccer**8015 -** volleyball **8016 -** hockey**8017 -** basketball **8021 *-*** tennis**8022 -** squash, racquetball, paddleball **8031 -** golf**8032 *-*** miniature golf **8041 -** swimming **8042 -** waterskiing **8051 *-*** ice skating**8052 -** downhill skiing or snowboarding **8053 -** other skiing, sledding, curling **8061 *-*** bowling**8062 -** pool, ping-pong, pinball **8071 -** home exercises **8072 *-*** weight-training**8073 -** exercise class or aerobics **8074 -** yoga**8080 *-*** judo, boxing, wrestling, fencing**8090 -** rowing, canoeing, kayaking, wind surfing, sailing **8101 -** in-line skating or rollerblading. **8109 *-*** other sports (frisbee, catch, track & field, skateboarding) **8130 *-*** boating (motorboats or rowboats) **8150 -** horseback riding, rodeo, jumping, dressage**8212 -** jogging, running |
| MAIN43 | Walking | **8211 -** walking **8213 *–*** hiking |
| MAIN44 | Cycling | **8220 -** bicycling  |
| MAIN45 | Other outside recreation | **8140 -** camping**8160 *-*** other outdoor activities/excursions (picnic, car rally, bird watching)  |
| MAIN46 | Gardening/pick mushrooms | **1711 –** gardening**1730 -** care of house plants**8110 -** hunting (as a sport)**8120 -** fishing (as a sport)  |
| MAIN47 | Walk dogs | **1720 -** pet care (walking, grooming, feeding) if inout is 2 (outside) |
| MAIN48 | Receive or visit friends | **7510** - socialising at a private residence (no meal) **7520 *-*** socialising at a private residence (with meal) **7530 -** other socialising (at malls) |
| MAIN49 | Conversation (in person, phone) | **9500 -** talking, conversation with household**9511 *-*** talking on the phone (excluding work)**9512 -** text messaging using a cell-phone - sending a text message **9513 -** text messaging using a cell-phone - receiving a text message |
| MAIN50 | Other in-home social, games | **8610 -** games, cards, puzzles |
| MAIN51 | General indoor leisure | **8800 -** other leisure activity**9809 *-*** other media or communication |
| MAIN52 | Art or music | **8310 -** hobbies done mainly for pleasure (painting, sketching, photography)**8501 -** sing or play music, theatre.  |
| MAIN53 | Correspondence (not e-lab mail) | **9620 -** writing/typing letters, sending greeting cards (not including use of e-mail)  |
| MAIN54 | Knit, crafts or hobbies | **8410 -** home crafts done mainly for pleasure (sewing, needlework) |
| MAIN55 | Relax, think, do nothing | **4700 -** relaxing, thinking, resting, smoking  |
| MAIN56 | Read | **9310 *-*** reading books**9321 -** reading magazines, pamphlets, bulletins, newsletters**9322 -** reading on-line; magazines, pamphlets, bulletins, newsletters**9401 *-*** reading newspapers (actual paper copy) **9402 -** reading newspapers (on-line) **9610 *-*** reading personal mail (including flyers and advertisements) |
| MAIN57 | Listen to music etc | **9200 -** listening to CD's, tapes, records  |
| MAIN58 | Listen to radio | **9001 -** listening to radio on-line **9002 -** other radio listening |
| MAIN59 | Watch TV, video, DVD | **9110 *-*** watch scheduled TV programming **9120 -** watch TV recorded programming**9130 -** watch rented, purchased/downloaded movies **9141 -** watch TV on-line (including podcasts)**9149 -** other TV viewing (recorded home movies) |
| MAIN60 | Computer games | **8621 *-*** playing video games/computer games |
| MAIN61 | E-mail, surf internet, computing | **8630 -** computer - general use (excluding games and surfing the net)**8640 *-*** surfing the net**8650 -** using E-mail (writing and reading e-mail)**8660 -** participate in chat groups**8671 *-*** participate in social network sites (Facebook, MySpace)**8679 -** participate in other Internet communication. **9801 -** download/rip music/movies to computer |
| MAIN62 | No act but recorded transport mode | **0020 -** refused informationLocation is a mode of transport or change of location (except to/from restaurant) and gap <21 minutes |
| MAIN63 | Travel to/from work | **0900 -** travel to/from paid work  |
| MAIN64 | Education travel | **5900 -** travel to/from education activities |
| MAIN65 | Voluntary/civic/religious travel | **6910 -** travel to/from civic or voluntary activity **6920 *-*** travel to/from religious services  |
| MAIN66 | Child/adult care travel | **2910 -** travel to/from care for household children **2920 -** travel to/from care for household adults |
| MAIN67 | Shop, person/household care travel | **1900 -** travel to/from unpaid domestic work**3900 -** travel to/from shopping or obtaining services **4910 *-*** travel to/from restaurant**4920 -** travel for personal care activities  |
| MAIN68 | Other travel | **7910 -** travel to/from attending sports, movies or other entertainment events or visit sites**7920 -** travel to/from socialising at private residences **7930 *-*** travel to/from other socialising (to bars, hospitals, weddings)**8710 -** pleasure drives (as the driver) **8720 -** pleasure drives (as a passenger in a car)**8730 -** other pleasure drives (e.g. On a tour bus) **8910 *-*** travel to/from participating in active sport/outdoor activities**8920 -** travel to/from coaching activities **8930 -** travel to/from hobbies or for the sale of crafts **8940 *-*** travel to/from other leisure activities**9900 -** travel for media and communication activities |
| MAIN69 | No recorded activity | **0020 -** refused informationLocation not a mode of transport or PLACE is at home |

|  |  |  |
| --- | --- | --- |
| **MTUS****Variable** | **Variable Label** | **Canada 2010 original activity codes** |
|  |
| SEC1 | Imputed personal or household care | COULD NOT BE CREATED  |
| SEC2 | Sleep and naps | **33** Sleeping  |
| SEC3 | Imputed sleep | COULD NOT BE CREATED |
| SEC4 | Wash, dress, care for self | **27** Personal care personal activities  |
| SEC5 | Meals at work or school | If PLACE is at 02 Work place or 08 School 14 Eating and drinking  |
| SEC6 | Other meals or snacks | If PLACE is NOT at 02 Work place, 04 Restaurant/bar and 08 School and**14** Eating and drinking Also if main activity is**7520 *-*** socialising at a private residence (with meal) and no other secondary activity |
| SEC7 | Paid work- main job (not at home) | If PLACE is at 02 Work place and**24** Work and school-related activities  |
| SEC8 | Paid work at home | COULD NOT BE CREATED |
| SEC9 | Second or other job not at home | COULD NOT BE CREATED |
| SEC10 | Unpaid work to generate household income | COULD NOT BE CREATED |
| SEC11 | Travel as a part of work | COULD NOT BE CREATED |
| SEC12 | Work breaks | COULD NOT BE CREATED |
| SEC13 | Other time at workplace | COULD NOT BE CREATED |
| SEC14 | Look for work | COULD NOT BE CREATED |
| SEC15 | Regular schooling, education | If PLACE is at 08 School and**24** Work and school-related activities  |
| SEC16 | Homework | COULD NOT BE CREATED |
| SEC17 | Leisure/other education or training | COULD NOT BE CREATED |
| SEC18 | Food preparation, cook | COULD NOT BE CREATED |
| SEC19 | Set table, wash/put away dishes | COULD NOT BE CREATED |
| SEC20 | Cleaning | **15** Domestic work (meal prep and cleanup, cleaning, laundry)  |
| SEC21 | Laundry, ironing, clothing repair | COULD NOT BE CREATED |
| SEC22 | Maintain home/vehicle | COULD NOT BE CREATED |
| SEC23 | Other domestic work | **30** Household management / organization  |
| SEC24 | Purchase goods | **31** Errands  |
| SEC25 | Consume personal care services | COULD NOT BE CREATED |
| SEC26 | Consume other services | COULD NOT BE CREATED |
| SEC27 | Pet care (not walk dog) | **26** Pet care / interaction  |
| SEC28 | Physical, medical child care | **17** Childcare  |
| SEC29 | Teach, help with homework | COULD NOT BE CREATED |
| SEC30 | Read to, talk or play with child | COULD NOT BE CREATED |
|  SEC31 | Supervise, accompany, other child care | COULD NOT BE CREATED |
| SEC32 | Adult care | **23** Adult care  |
| SEC33 | Voluntary, civic, organizational act | COULD NOT BE CREATED |
| SEC34 | Worship and religion | **34** Praying, meditation, bible reading  |
| SEC35 | General out-of-home leisure | COULD NOT BE CREATED |
| SEC36 | Attend sporting event | COULD NOT BE CREATED |
| SEC37 | Cinema, theatre, opera, concert | COULD NOT BE CREATED |
| SEC38 | Other public event, venue | COULD NOT BE CREATED |
| SEC39 | Restaurant, café, bar, pub | If PLACE is at 04 Restaurant/bar and**14** Eating and drinking  |
| SEC40 | Party, social event, gambling | COULD NOT BE CREATED |
| SEC41 | Imputed time away from home | COULD NOT BE CREATED |
| SEC42 | General sport or exercise | **32** Physical exercise / Outdoor Excursions  |
| SEC43 | Walking | COULD NOT BE CREATED |
| SEC44 | Cycling | COULD NOT BE CREATED |
| SEC45 | Other outside recreation | COULD NOT BE CREATED |
| SEC46 | Gardening/pick mushrooms | COULD NOT BE CREATED |
| SEC47 | Walk dogs | COULD NOT BE CREATED |
| SEC48 | Receive or visit friends | **36** Socializing  |
| SEC49 | Conversation (in person, phone) | **11** Talking, conversation (not on phone)**19** Talking on the phone **22** Sending or receiving text messages  |
| SEC50 | Other in-home social, games | **28** Games, cards, puzzles  |
| SEC51 | General indoor leisure | COULD NOT BE CREATED |
| SEC52 | Art or music | COULD NOT BE CREATED |
| SEC53 | Correspondence (not e-lab mail) | COULD NOT BE CREATED |
| SEC54 | Knit, crafts or hobbies | **35** Hobbies and home craft  |
| SEC55 | Relax, think, do nothing | **29** Relaxing, thinking, resting, smoking  |
| SEC56 | Read | **16** Reading (books, newspapers)  |
| SEC57 | Listen to music etc | **18** Listening to MP3 players, CD's, cassette tapes or records  |
| SEC58 | Listen to radio | **12** Radio listening  |
| SEC59 | Watch TV, video, DVD | **13** Watching TV, rented movies  |
| SEC60 | Computer games | COULD NOT BE CREATED |
| SEC61 | E-mail, surf internet, computing | **20** Computer use (excluding email, chat groups, social networking) **21** E-mail, chat groups, social networking  |
| SEC62 | No act but recorded transport mode | COULD NOT BE CREATED |
| SEC63 | Travel to/from work | COULD NOT BE CREATED |
| SEC64 | Education travel | COULD NOT BE CREATED |
| SEC65 | Voluntary/civic/religious travel | COULD NOT BE CREATED |
| SEC66 | Child/adult care travel | COULD NOT BE CREATED |
| SEC67 | Shop, person/household care travel | COULD NOT BE CREATED |
| SEC68 | Other travel | COULD NOT BE CREATED |
| SEC69 | No recorded activity | No reported secondary activity |

**Changes in Activity Codes Between 2005 and 2010**

|  |  |
| --- | --- |
| **Year 2005** | **Year 2010** |
| 80 | 0801, 0802, 0803, 0809  |
| 171 | 1711, 1712 |
| 181 | 1811, 1812, 1813 |
| 200 | 2001, 2002, 2003 |
| 230 | 2301, 2302 |
| 250 | 2501, 2502  |
| 271 | 2711, 2712, 2713 |
| 272 | 2721, 2722 |
| 281 | 2811, 2812, 2818, 2819 |
| 282 | 2821, 2822, 2829  |
| 302 | 3021, 3022, 3023, 3024, 3029 |
| 310 | 3101, 3102, 3013  |
| 332 | 3321, 3322 |
| 340 | 3401, 3402 |
| 350 | 3501, 3502, 3503, 3509  |
| 380 | 3801, 3802, 3803, 3804, 3809  |
| 410 | 4101, 4102, 4103  |
| 530 | 5301, 5302 |
| 560 | 5601, 5602 |
| 580 | 5801, 5809  |
| 660 | 6601, 6602, 6603, 6604, 6605, 6609  |
| 671 | 6711, 6712  |
| 673 | 6731, 6732, 6733, 6734, 6735, 6739  |
| 675 | 6751, 6752, 6753, 6754, 6759  |
| 680 | 6801, 6802  |
| 780 | 7801, 7802  |
| 801, 802, 803, 804, 805, 806, 807, 808, 809, 810 | 8011, 8012, 8013, 8014, 8015, 8016, 8017, 8021, 8022, 8031, 8032, 8041, 8042, 8051, 8052, 8053, 8061, 8062, 8071, 8072, 8073, 8074, 8080, 8090, 8101, 8109  |
| 821 | 8211, 8212, 8213 |
| 850 | 8501, 8502 |
| 862 | 8621, 8622 |
| 867 | 8671, 8679 |
| 900 | 9001, 9002  |
| 914 | 9141, 9149 |
| 932 | 9321, 9322 |
| 940 | 9401, 9402  |
| 951 | 9511, 9512, 9513  |
| 980 | 9801, 9809 |

|  |  |  |
| --- | --- | --- |
| **Context Variables** | **Value labels** | **Canada 2010** |
| Inout = 1 | Inside | LOCATION: **01** Respondent's home **02** Work place **03** Someone else's home **04** Restaurant/bar **05** Place of worship **06** Grocery store **07** Other store/Mall **08** School **10** Library **11** Other placeThere were 701 observations indicated where inout==-8 in the consequent coding, we added inout coding as inout=1 to the following activities:11 work for pay at main job22 looking for job40 waiting, delays at work60 idle time before/after work102 baking181.1 household management185 packing/unpacking240 play with children272.1 med care/ hhld adults272.2 emotional care/ hhld adults281.1 visiting child care/school281.2 associated communication related to child care/school281.8 other educ help/hhld children302.4 shopping for plants/flowers302.9 shopping for other everyday goods310.1 shopping for durables320 pet care services331 financial services332.1 governmental services340.1 adult medical/dental services (outside)350.9 other professional services361 automotive maintenance/repair services362 other repair/cleaning services370 waiting for purchase/ services380.2 checking in/out hotel380.4 security procedures related to shopping400 washing, dressing430 meals at home480 other pet care520 special lectures (outside regular school/work)540 meals at school560.1 leisure/special classes610 political/civic activity640 religious services/ bible readings652 support groups660.9 other volunteer work671.1 housework or cook assistance672 house maintenance and repair assistance675.2 medical care non hhld adult730 classical concerts753 other socializing754 meals at institutions but not restaurants770 casino, bingo806.2 pool, ping-pong850.1 singing, playing music850.2 pop, social dance861 games, cards862.1 video games863 computer use911 watching tv951.1 talking over phone961 reading personal mail671.2 animal pet care, non-hhld pets (one observation with inout==-8) |
| Inout = 2 | Outside | LOCATION:**09** Outdoors away from home **14** Walk **17** Bicycle ACTIVITY CODES:30 travel during work90 travel to/from work (except observation in RECID #3474, which was coded as 3 because it is assumed to be a subway)172 pet care (because all activities happened after work and were short in duration)190 travel to/from unpaid work**1300 *-*** outdoor cleaning (garbage, snow removal, garage) **7120 -** fair/circus, parade, amusement park**7130 -** zoo, botanical garden, planetarium**8041 -** swimming **8109 *-*** other sports (frisbee, catch, track & field, skateboarding) **8110 -** hunting (as a sport)**8130 *-*** boating (motorboats or rowboats)  |
| Inout = 3 | In a vehicle | LOCATION: **12** Car (driver) **13** Car (passenger) **15** Bus (includes street cars) **16** Subway/Train (includes commuter trains) **18** Boat/Ferry **19** Taxi/Limousine Service **20** Airplane **21** OtherACTIVITY CODES:**8710 -** pleasure drives (as the driver) **8720 -** pleasure drives (as a passenger in a car)**8730 -** other pleasure drives (on a tour bus)  |
| Eloc = 1 | Own home | **01** Respondent's homeACTIVITIES:102 baking**1300 *-*** outdoor cleaning (garbage, snow removal, garage) 181.1 household management185 packing/unpacking240 play with children272.1 med care/ hhld adults272.2 emotional care/ hhld adults400 washing, dressing430 meals at home480 other pet care911 watching tv951.1 talking over phone961 reading personal mail671.2 animal pet care, non-hhld pets There was one observation with eloc==1 and inout==2 this was for a respondent with activity **1300 *-*** outdoor cleaning (garbage, snow removal, garage) done probably on the grounds of their own house |
| Eloc = 2 | Other’s Home | **03** Someone else's homeACTIVITIES:672 house maintenance and repair assistance675.2 medical care non hhld adult |
| Eloc = 3 | Workplace | **02** Work place ACTIVITIES:11 work for pay at main job40 waiting, delays at work60 idle time before/after work |
| Eloc = 4 | School | **08** School ACTIVITIES:540 meals at school560.1 leisure/special classes |
| Eloc = 5 | Service or shop  | **06** Grocery store **07** Other store/mallACTIVITIES:302.4 shopping for plants/flowers302.9 shopping for other everyday goods304 renting a video310.1 shopping for durables320 pet care services331 financial services332.1 governmental services340.1 adult medical/dental services (outside)350.9 other professional services361 automotive maintenance/repair services362 other repair/cleaning services370 waiting for purchase/ services380.2 checking in/out hotel380.4 security procedures related to shoppingThere were two observations that were coded as “not stated” (PLACE) but should have been coded as “other place” and therefore, these were recoded inout=1 for ACTCODE=304 renting a video |
| Eloc = 6 | Restaurant, café | **04** Restaurant/bar ACTIVITIES:303 take out foodThere are two observations (both for RECID 3636) where the activity is 303 take out food and the original file coded it as “not stated” (PLACE) while it should have been “other place” therefore inout=1 (recoded here).  |
| Eloc = 7 | Place of worship | **05** Place of worship ACTIVITIES:640 religious services/ bible readings |
| Eloc = 8 | Travel | **12** Car (driver) **13** Car (passenger)**14** Walk **15** Bus (includes street cars) **16** Subway/train (includes commuter trains) **17** Bicycle **18** Boat/ferry **19** Taxi/limousine service **20** Airplane**21** OtherACTIVITY CODES:30 travel during work90 travel to/from work (except observation in RECID #3474, which was coded as 3 because it is assumed to be a subway)291 travel to/from personal care hhld child292 travel to/from personal care hhld adult390 travel to/from shopping and services491 travel to/from meals492 travel to/from personal care590 travel to/from educational activities674 transport assistance691 travel to/from volunteer 692 travel to/from religious activities791 travel to/from sports792, 793 travel to/from socializing**8042 -** waterskiing**8052 -** downhill skiing or snowboarding **8090 -** rowing, canoeing, kayaking, wind surfing, sailing**8130 *-*** boating (motorboats or rowboats)**8150 -** horseback riding, rodeo, jumping, dressage **8220 -** bicycling**8211 -** walking**8212 -** jogging, running**8213 *-*** hiking**8710 -** pleasure drives (as the driver) **8720 -** pleasure drives (as a passenger in a car) **8730 -** other pleasure drives (on a tour bus) 891, 894 travel to/from leisure990 travel to/from media communication activities |
| Eloc = 9 | Other locations | **09** Outdoors away from home **10** Library **11** Other place ACTIVITY CODES:22 looking for work172 pet care281.1 visiting child care/school281.2 associated communication related to child care/school281.8 other educ help/hhld children282.9 other help for hhld adults380.2 checking in/out hotel520 special lectures (outside regular school/work)610 political/civic activity652 support groups660.9 other volunteer work701 professional sports events702 amateur sports events730 classical concerts770 casino, bingo780.2 other non-sport, non-entertainment events804.1 swimming806.2 pool, ping-pong810.9 other sports (Frisbee, skateboarding)811 hunting850.1 singing playing music850.2 pop/social dance |
| Mtrav = 1 | Car, motorcycle, taxi | LOCATION:**12** Car (driver) **13** Car (passenger)**19** Taxi/limousine service ACTIVITY CODES:**8710 -** pleasure drives (as the driver) **8720 -** pleasure drives (as a passenger in a car) Some of the 871 pleasure rides were on foot and the respondent is recorded as walking (RECID 3962, 4911x2) and one of them is on a bicycle (RECID 10531x2). These are accordingly added to MTRAV=3 and MTRAV=4. |
| Mtrav = 2 | Public transport | **15** Bus (includes street cars) **16** Subway/Train (includes commuter trains) **18** Boat/Ferry **20** AirplaneACTIVITY CODES:**8730 -** other pleasure drives (e.g. On a tour bus)There were 5 observations with activity code 8730 in which the respondents also reported to walk, these were recoded as MTRAV==3 |
| Mtrav = 3 | Walk | LOCATION:**14** WalkACTIVITY CODES:**8211 -** walking**8212 -** jogging, running**8213 *–*** hikingSome of the 8710 pleasure rides were on foot and the respondent was recorded as walking (RECID 3962, 4911x2). These were coded as MTRAV==3-some inconsistencies such as walking inside library and restaurant bar were changed to inout=2 (outside) if they immediately preceded or were followed by change in location. For RECID 14849, even though it combines both walking and visiting library, we changed it to inout=2.While for RECID 12742 visiting a restaurant, inout is left to be equal 1 for the activity 8211 because there is another type of transportation present and it might be a walk within the area of the restaurant (such as in a mall).There are still 668 observations (in the episode file) with mtrav==3 and inout==1. These are observations that can be both on the grounds of (home, school, work) but involving walking or jogging |
| Mtrav = 4 | Cycle or other active transport | LOCATIONS:**17** BicycleACTIVITY CODES: **8042 -** waterskiing **8052 -** downhill skiing or snowboarding **8090 -** rowing, canoeing, kayaking, wind surfing, sailing**8130 *-*** boating (motorboats or rowboats)**8150 -** horseback riding, rodeo, jumping, dressage **8220 -** bicycling -some of the 8710 and 8720 pleasure rides are done on bicycle and the respondent is recorded as bicycling (RECID 10531x2) these were coded as MTRAV==4-many of the apparently outside type of activities such as 805.2, 8130, and 8150 were coded as inout=1 (inside) because the PLACE for them was coded as “other place”, this was rectified by recoding their inout=2. |
| Mtrav = 5 | Travel by other/unspecified transport | LOCATIONS:**21** OtherEloc=8 if mtrav=-8ACTIVITY CODES:Where main=62 |
| ICT = 1 | Reported using computer, ICT or internet  | PRIMARY ACTIVITIES:**0801 -** sell goods/services on the internet (Ebay) **1812 -** searching internet for recipe**3023 *-*** purchasing everyday goods and services on the internet **3103 -** purchasing durable household goods on internet **5302 -** using the internet for research/homework**8621 *-*** play video games/computer games.**8622 -** video games/exercise based games (wii, exertris, dance revolution)**8630 -** computer - general use (excluding games and surfing the net)**8640 *-*** surfing the net**8650 -** using e-mail (writing and reading e-mail)**8660 -** participate in chat groups867.1 Participating in social network sites (Facebook, MySpace)867.9 Participating in other Internet communication**9402 -** read newspapers (on-line)**9512 -** text messaging using a cell-phone - send a text**9513 -** text messaging using a cell-phone - receiving a text**9801 -** download/rip music/movies to computer for use980.9 Other media or communicationSECONDARY ACTIVITIES: **20** computer use (excluding email, chat groups, social networking) **21** e-mail, chat groups, social networking **22** sending or receiving text messages |
| Alone | No others reported present | The original ALONE variable allows for five possible responses: Yes, No, Not asked for activity code 002 (refused information), Not Stated and Personal Activity which includes activity codes:**4000 *-*** washing, dressing**4500 -** night sleep/essential sleep.**4600 *-*** naps/lying down.**4800 -** other personal care/private activities (washroom activities, sex) Alone = 1 if the original ALONE variable is “Yes”, otherwise Alone = 0 |
| Child | With child | The variables CHILDHSD and NHSDCL15 ask about thesocial contact with household and non-household children who are under the age of 15, respectively. (NHSDC15P for children over 15 years of age was not included) These variables allow for five possible responses: Yes, No, Not asked for activity code 002 (refused information), Not Stated and Personal Activity which includes activity codes:**4000 *-*** washing, dressing**4500 -** night sleep/essential sleep.**4600 *-*** naps/lying down.**4800 -** other personal care/private activities (e.g. washroom activities, sex) CHILD = 1 if CHILDHSD or NHSDCL15 variable is “Yes” , otherwise CHILD = 0There are 77 instances in which CHILD = 0 but the activity code is one of the following : **2811 -** visiting child care/school establishments.**2812 -** associated communication related to child care/school**2818 -** other educational help for household childrenTherefore, the location code (place) and the activity code (actcode) seem inconsistent in these instances. Actcodes 2811, 2812, and 2818 imply childcare as defined in the MTUS but do not necessarily assume that child is present. For example, a parent may visit her child's school (2811) which is childcare in the MTUS but this does not necessarily mean that a child is present.  |
| Sppart | With spouse or partner | The SPOUSE variable, which includes unwed couples, allows for five possible responses: Yes, No, Not asked for activity code 002 (refused information), Not Stated and Personal Activity which includes activity codes:**4000 *-*** washing, dressing**4500 -** night sleep/essential sleep.**4600 *-*** naps/lying down.**4800 -** other personal care/private activities (e.g. washroom activities, sex) Sppart = 1 if the SPOUSE variable is “Yes”, otherwise Sppart = 0 |
| Oad | With other adults | The OAD variable is a combination of 7 variables: **PARHSD -** Social contacts - with parent(s) or parent(s) in-law living in the household? **MEMBHSD -** Social contacts - with other member(s) of the household (including children of 15 and older)? **NHSDC15P -** Social contacts - with child(ren) of the respondent living outside the household, 15 years of age and older? **NHSDPAR -** Social contacts - with parent(s) or parent(s) in-law living outside the household? **OTHFAM *-*** Social contacts - with other family member(s) living outside the household? **FRIENDS -** Social contacts - with friends living outside the household? **OTHERS  *-*** Social contacts - with others living outside the household? If any of these individuals is present then OAD takes the value 1. Otherwise, it has the value zeroasked for activity code 002 (refused information), Not Stated and Personal Activity which includes activity codes, to code oad=0 in any of the following activities:**4000 *-*** washing, dressing**4500 -** night sleep/essential sleep.**4600 *-*** naps/lying down.**4800 -** other personal care/private activities (e.g. washroom activities, sex)  |
| **Animal** | With an animal | **1720 -** pet care (walking, grooming, feeding)**6712** - pet care for non-household pets |

**BACKGROUND VARIABLES NOTES**

The following variables cannot be created:

**CDAY**

**CARER**

**COMPUTER**

**MONTH**

**PARNTID1**

**PARNTID2**

**PARTID**

**SECTOR**

* **AGE**

The original variable AGEGR5 captures the respondent's age in 15 categories, and is recoded in the following way:

|  |  |
| --- | --- |
| **AGEGR5**  | **AGE (recoded)** |
| 15 to 17 | 16 |
| 18 to 19 | 18 |
| 20 to 24 | 22 |
| 25 to 29 | 27 |
| 30 to 34 | 32 |
| 35 to 39 | 37 |
| 40 to 44 | 42 |
| 45 to 49 | 47 |
| 50 to 54 | 52 |
| 55 to 59 | 57 |
| 60 to 64 | 62 |
| 65 to 69 | 67 |
| 70 to 74 | 72 |
| 75 to 79 | 77 |
| 80 years and over | 80 |

It is important to consider that the variable AGE is not an exact measure of a diarist's age. It is capped at 80 years old.

* **AGEKIDX**

AGEKIDX=1-4 were created first using the AGECHRYC for the youngest child of the respondent then corrected by running the same coding on AGEHSDYC – the youngest child in the household (except it is capped at 25 because not all those over 25 living in a household are someone’s children). AGEKID= 4 includes also non-single children that were identified via the variable asking for number of children of the respondent, single or not CHRINHSDC>0.

* **AGEKID2**

AGEKID2=were created using the AGEHSDYC of corresponding age category under 18. For the age category between 18 and 25, we relied on the age of the children of the respondents, so the number underrepresents because there could be other children in the household except the respondent's children. For category 25 and above for respondent children, the age was replaced by the age of the youngest member in the household if that age is 25 or over.

* **CIVSTAT**

This variable is created using MARSTAT and LIVARR12 variables. No inconsistencies between living arrangements and marital status found, even though they were present in 1986 data. Still the code is as follows: all married or in common law, even those reporting not living with a partner are included. Also, all people who report living with a partner are also included even though they do not report being married or in common law. Married or in common law people who reported to be living alone or only with a parent in a household with two people were recoded as CIVSTAT=2.

* **CITIZEN**

It is only safe to say for people who were born in Canada (COUNTRY\_) that they hold the Canadian citizenship. Otherwise, among immigrants (YRLNDIMM<13) many can be citizens or permanent residents. We decided to code immigrants who arrived in Canada later than 2006 (because it should take a minimum of 3 years before they could apply for citizenship and the review procedures take up to another year or more) as non-citizens. The rest were coded as -8, it is likely that the majority of these immigrants are citizens with the rest holding PR cards and a few without.

* **COHAB**

The original marital status variables include some inconsistencies. Some couples coded as cohabiting are living in a common law marriage.

* **DISAB**

There is no variable in the original data that explicitly asks about having a “disability”. The variable that is closest is HAL\_Q410 which asks whether a diarist's “daily activities at home, work, school or any other area [are] limited by a physical condition. DISAB takes the value 1 if the diarist answers “Often or always” to this question. Also, if the respondent replied yes to question: Are there any particular reasons why you did not regularly participate in any sports? Disability. (SPA\_Q410\_C10==1). Otherwise, this variable takes the value 0.

* **EDUCA and EDCAT**

In the Canadian 2010 data information about the highest level of educational attainment is contained in the variable EDU10, which has the following distribution:

|  |  |  |  |
| --- | --- | --- | --- |
| **EDU10 Original Codes** | Freq. | Percent | Cum. |
| Doctorate/masters/some graduate (1) | 1068 | 7.13 | 7.13 |
| Bachelor's degree (2) | 2702 | 18.03 | 25.16 |
| Diploma/certificate from community college (3) | 2311 | 15.42 | 40.58 |
| Diploma/certificate from trade/technical (4) | 1979 | 13.21 | 53.78 |
| Some university (5) | 922 | 6.15 | 59.94 |
| Some community college/CEGEP/nursing (6) | 620 | 4.14 | 64.07 |
| Some trade/technical (7) | 579 |  3.86 | 67.94 |
| High school diploma (8) | 2109 | 14.07 | 82.01 |
| Some secondary/high school (9) | 2223 | 14.83 | 96.84 |
| Elementary school/no schooling (10) | 473 | 3.16 | 100.00 |
| **Total** | 14986 | 100 |  |

**EDCAT**

|  |  |  |
| --- | --- | --- |
| **EDCAT** | **ISCED** | **CAN2010** |
| VAR |   | EDU10, EOR\_Q110 |
| 1 | No completed high school = level 0,1,2 or Level 3 (upper sec. Educ) not completed | 10 'No schooling'9 'Some secondary/high school'98 'Not stated, ‘No’ EOR\_Q110 |
| 2 | Level 3 completed (upper secondary educ) or Attendance at Level 4 (post-secondary non-tertiary) | 4 'High school diploma'98 ‘Not stated’ and 1 ‘Yes’ (EOR\_Q110) |
| 3 | Attendance at Level 5 and above (even if no degree obtained) | EDU10 (values 1-7) |

* **EMPINCLM**

In the Canadian 2010 data information provides ***yearly*** (NOT monthly as is usually the case in EMPINCLM) income from employment or self-employment is contained in the variable incm, which has the following distribution:

|  |  |  |  |
| --- | --- | --- | --- |
| **inc Original Codes** | Freq. | Percent | Cum. |
| No income or loss (1) | 799 | 6.11 | 6.11 |
| Less than $5,000 (2) | 481 |  3.68 | 9.78 |
| $5,000 to $9,999 (3) | 712 | 5.44 | 15.23 |
| $10,000 to $14,999 (4) | 990 |  7.57 | 22.79 |
| $15,000 to $19,999 (5) | 967 | 7.39 | 30.18 |
| $20,000 to $29,999 (6) | 1835 | 14.03 | 44.21 |
| $30,000 to $39,999 (7) | 1804 |  13.79 | 58 |
| $40,000 to $49,999 (8) | 1397 |  10.68 | 68.68 |
| $50,000 to $59,999 (9) | 1059 |  8.09 | 76.77 |
| $60,000 to $79,999 (10) | 1429 | 10.92 | 87.69 |
| $80,000 to $99,999 (11) | 709 | 5.42 | 93.11 |
| $100,000 or more (12) | 901 | 6.89 | 100 |
| **Total** | 13083 | 100 |  |

Midpoints should be taken before calculating the empinclm therefore the original INCM was transformed to:

|  |  |
| --- | --- |
| **inc Original Codes** | Midpoints |
| No income or loss (1) | 0 |
| Less than $5,000 (2) | 2500 |
| $5,000 to $9,999 (3) | 7500 |
| $10,000 to $14,999 (4) | 12500 |
| $15,000 to $19,999 (5) | 17500 |
| $20,000 to $29,999 (6) | 25000 |
| $30,000 to $39,999 (7) | 35000 |
| $40,000 to $49,999 (8) | 45000 |
| $50,000 to $59,999 (9) | 55000 |
| $60,000 to $79,999 (10) | 70000 |
| $80,000 to $99,999 (11) | 90000 |
| $100,000 or more (12) | 100000 |
|  |  |

**These midpoints were divided by 12 to approximate monthly income**

**Final distribution summary looks in the following way:**

****

* **EMPSP**

This variable was constructed from first the labour status of the household (LFSHSD12) and the main activity of the spouse/partner in past 7 days (ACT7DAYS\_PR).

* **EMPSTAT**

This variable was constructed from first the labour force status variable (LFSGSS), labour status of the household (LFSHSD12) to weed out students whether they do full-time or part-time jobs, and the main activity in past 7 days (ACT7DAYS). Those who reported their labour force status as working full-time or part-time and who were looking for job were coded as employed. Among those who reported themselves retired but working full time and part-time were also recoded as employed. Sae were to those who reported their status as household work, other, not stated, and don’t know but also reported part-time or full-time jobs in activities within the last 7 days. Students with part-time and full time jobs were also coded as employed depending on LFSHSD12 variable. Those coded as “not stated” in LFSHSD12 but full- or part-time employed students by LFSGSS were coded as empstat=3. Some people even though they are coded into not in a paid job, have reported working hours during the diary day, those were coded as empstat=3. As a reverse those who did not report working hours (workhrs=-7) were recoded as empstat=4.

* **ETHNIC**

The survey does not include an ethnic group variable, but does include a laguage spoke in childhood variable. We use the language variable in substitute – this is not an equivalent, but will illuminate some identity differences, and some language categories have some potential ethnicity covariations.

* **FAMSTAT**

This variable is created using the MTUS created variables such as AGE, NCHILD, AGEKIDX and the original variable LIVARR12. There was only one observation that was left as uncoded, which was identified as a 16-year-old living in common law. It was, therefore, recoded as famstat=5 “Respondent aged <18, living arrangement other or unknown. (another way of avoiding this occurrence is to code all other living arrangements except those with parent(s) into the code, which you will find in the .do file).

* **HEALTH**

Recoded using self-rated health SRH\_Q110.

* **HHLDSIZE**

HHLDSIZE=6 corresponds to 6 or more people in the household.

* **HHTYPE**

HHTYPE = 1 corresponds to single people living alone (both LIVGARR12 =1 and HSDSIZEC =1 “One household member”) and also to single person households with “Other living arrangements.” HHTYPE =2 if the respondent is “living with spouse/partner only” (LIVARR12=2) and Household size is “two household members” (HSDSIZEC=2). This type is also assigned to married and common-law respondents who report “Other living arrangements” and the household size is 2 people. HHTYPE=3 if living arrangements (LIVARR12) are “living with spouse/partner with single child(ren) of age <25 (=3), “no spouse and non-single child(ren)” (=9), and “living with two parents”(=10). ). This type is also assigned to married and common-law respondents who report “Other living arrangements” and the household size is more than 2 people. HHTYPE=4 includes all other types of living arrangements, including where it was impossible to figure out whether both parents were present in the household. Married or common law respondents that reported living with one parent were recoded as “couple with others.” 2 changes were made through this transformation.

* **INCORIG and INCOME**

In the Canadian 2010 data information about household income is contained in the variable incmhsd, which has the following distribution:

|  |  |  |  |
| --- | --- | --- | --- |
| **incmhsd Original Codes** | Freq. | Percent | Cum. |
| No income or loss (1) |  46 | 0.38 | 0.38 |
| Less than $5,000 (2) | 48 |  0.40 |  0.77 |
| $5,000 to $9,999 (3) | 186 | 1.53 | 2.31 |
| $10,000 to $14,999 (4) | 435 | 3.58 | 5.89 |
| $15,000 to $19,999 (5) | 530 | 4.37 | 10.26 |
| $20,000 to $29,999 (6) | 1091 | 8.99 | 19.25 |
| $30,000 to $39,999 (7) | 1146 | 9.44 | 28.70 |
| $40,000 to $49,999 (8) | 1138 | 9.38 | 38.07 |
| $50,000 to $59,999 (9) | 1055 | 8.69 | 46.77 |
| $60,000 to $79,999 (10) | 1837 | 15.14 | 61.91 |
| $80,000 to $99,999 (11) | 1377 | 11.35 | 73.26 |
| $100,000 to $149,999 (12) | 1975 | 16.28 | 89.53 |
| $150,000 or more (13) | 1270 | 10.47 |  100.00 |
| **Total** | 12134 | 100 |  |

The variable INCOME is coded in the following way: INCOME=1 if incmhsd=1,2,3,4,5,6 and 7; INCOME=2 if incmhsd=8, 9, 10 and 11; INCOME=3 if incmhsd=12 and 13; EDTRY=-8 if incmhsd=missing. The INCOME variable has the following distribution:

|  |  |  |  |
| --- | --- | --- | --- |
| **Harmonised household income**  | Freq. | Percent | Cum. |
| lowest 25%  | 3482 | 28.7 | 28.7 |
| middle 50%  | 5407 | 44.56 | 73.26 |
| highest 25%  | 3245 | 26.74 | 100.00 |
| **Total** | 12134 | 100 |  |

* **NCHILD**

The MTUS variable NCHILD recodes the total number of children living in the household who are 18 years or younger. Instead of using CHH0014C which is supposed to show the number of children under 15 in the household but fails to do so because there are many “none” responses in this variable and the age of the youngest child of the respondent and in the household is less than 14 (this must be a bug on the dataset), we use 4 different variables to create nchild: CHH0014C (Number of children aged from 0 to 14 years living in the respondent's household, this variable is capped at 3, 3 represents 3 or more children), CHRINHSDC (number of respondent's children living in the household (any age or marital status. This variable is capped at 4, 4 represents 4 or more children), AGECHRYC (age of respondent's youngest single child living in the household), and AGEHSDYC (age of youngest household member living in the respondent's household). Therefore, nchild=3 represents 3 or more children and nchild=4 represents 4 and more children.

* **OCCUPO and ISCO1**

In the Canadian 2010 data information about occupation categories is contained in the variable NAICS2007\_C16, which has has the following distribution:

|  |  |  |  |
| --- | --- | --- | --- |
| **NAICS2007\_C16 Original Codes** | Freq. | Percent | Cum. |
| Agriculture (1) | 256 | 2.57 | 2.57 |
| Forestry, fishing, mining, oil and gas (2) | 226 | 2.27 | 4.83 |
| Utilities (3) | 98 | 0.98 | 5.82 |
| Construction (4) | 651 | 6.53 | 12.35 |
| Manufacturing (5) | 804 | 8.06 | 20.41 |
| Trade (6) | 1374 | 13.78 | 34.19 |
| Transportation and warehousing (7) | 493 | 4.94 | 39.14 |
| Finance, insurance, real estate and leasing (8) | 585 | 5.87 | 45.01 |
| Professional, scientific and technical services (9) | 745 | 7.47 | 52.48 |
| Management, administrative and other support (10) | 406 | 4.07 | 56.55 |
| Educational services (11) | 856 | 8.59 | 65.14 |
| Health care and social assistance (12) | 1289 | 12.93 | 78.06 |
| Information, culture and recreation (13) | 535 | 5.37 | 83.43 |
| Accommodation and food services (14) | 522 | 5.24 | 88.67 |
| Other services (15) | 471 | 4.72 | 93.39 |
| Public administration (16) | 659 | 6.61 | 100 |
| **Total** | 9970 | 100 |  |

The variable isco1 is coded in the following way:

ISCO1=1 if NAICS2007\_C16=10; ISCO1=2 if NAICS2007\_C16=8; ISCO1=3 if NAICS2007\_C16=9; ISCO1=4 if NAICS2007\_C16=16; ISCO1=5 if NAICS2007\_C16=11, 13, 14 15; ISCO1=6 if NAICS2007\_C16=1, 2; ISCO1=7 if NAICS2007\_C16=6, 7; ISCO1=8 if NAICS2007\_C16=3; ISCO1=9 if NAICS2007\_C16=4 ISCO1=-7 if NAICS2007\_C16=97, and ISCO1=-8 if NAICS2007\_C16=98, 99.

* **OWNHOME**

The MTUS variable OWNHOME distinguishes between whether a diarist’s household owns or rents their accommodation in terms of three categories: Own (outright or on mortgage), Rent and Other arrangement. The equivalent variable in the 2010 Canadian data (dwellown) only distinguishes between whether a member of the household owns the dwelling or not. In other words, dwellown does not explicitly ask whether the accommodation is rented or whether it should be considered as “other arrangements”. Therefore, OWNHOME is the recode of dwellown which assumes that if the respondent's dwelling is *not* owned then it must be rented and the “other arrangements” category cannot be created.

* **RELREFP**

The survey does contain information on other household members and relations between the reference person and the people who engage in certain household, paid work or leisure activities. This information does not apply to the time diary element of the survey, and all participants are coded as relrefp=1.

* **RETIRED**

The missing cases for RETIRED may be attributed to the cases coded “not stated” and “don’t know” in the original variable, ACT7DAYS who are 60 and more years of age.

* **RUSHED**

Recoded using feeling rushed variable from the original dataset **GTU\_Q110.**

* **SINGPAR**

This variable is created using LIVARR12 variable, which contains, among others, three options of single parenthood: no spouse and single child <25 years of age, no spouse and single child 25 years of age or older, and no spouse and non-single child(ren). Where a child is coded as present (=1) but the age of the respondent is <18, the observations were coded as “not a single parent” because the only child is the respondent him/herself. Childless people with “other” living arrangements “LIVARR12=12” were also coded as not being single parents. This left us with 96 observations in which it is impossible to tell whether these are single parents or not.

* **UNEMP**

This variable includes all those reported that they were looking for a job in the last 7 days, those who reported housework, no hours of regular work, did not state, or gave a don’t know response, and also did not state or gave a don’t know response for ACT7DAYS were coded as unemp=-8.

* **URBAN**

In the 2010 Canadian data the population centres indicator (LUC\_RST) is divided into “Larger urban population centres (CMA/CA), Rural areas and small population centres (non-CMA/CA) and Prince Edward Island”. Prince Edward Island is classified as “rural/semi-rural”.

* **VEHICLE**

In the 2010 Canadian data the vehicle access question (ATT\_Q120) asks how often the diarist has a vehicle at his or her disposal: “All the time”, “Some of the time”, “Rarely”, or “Never”. Since this question does not ask about the number of vehicles in the household the responses “All the time”, “Some of the time” and “Rarely” are coded as VEHICLE=3 (1 car or motorcycle) and the response Never is coded as VEHICLE=1 (no). Therefore, it is important to note that VEHICLE=3 sometimes also includes 2 cars or motorcycles, which should be coded as VEHICLE=4 if the data were available. VEHICLE=2 where there are episodes of bicycling and the data on other vehicles is missing or is =0 because bicycles are common types of transportation and more environment-friendly choices which should not be ignored even in the industrialized countries (though only nine changes were made for a person who has only bicycle but not cars/motorcycles).

* **WORKHRS**

This variable was constructed from Number of hours usually worked at all jobs in a week (WKWEHR\_C). It is capped at 75 hours. “Not asked” responses were coded as -9, “not stated” and “don’t know’ responses were coded as -8. Those who were looking for a job in the last week and reported not to have no hours of regular employment were coded as -7.