**School travel – harmonisation notes**

*Studies (wave) with relevant data (n=14)*

ALSPAC (1, 2), Ballabeina (1,2), Belgian Preschool 1, Belgian Preschool 3, CLAN (1,2,3), EYHS Denmark (1,2,3), EYHS Estonia, EYHS Norway (1), EYHS Portugal (1), HEAPS (2), KISS (1,2,3), PEACH (1,2), Pelotas (1), SPEEDY (1,2,3).

*Assessment characteristics*

Respondent: Parent, Child.

Constructs: Travel mode, frequency, duration. Journey to or from school.

Timing: No. of waves of assessment.

*Variable(s) created*

|  |  |
| --- | --- |
| **Name** | **Description / Coding** |
| ICAD\_SchoolTravel1 | Mode of travel to school.  Coding: Walk (coded 0) / Cycle (1) / Public transport (2) / Car (3) / Other (4) / Missing (999) |
| ICAD\_SchoolTravel2 | Mode of travel to school.  Coding: Active mode of travel (coded 0) / Other mode of travel (1) / Missing (999) |
| ICAD\_SchoolTravel3 | Duration of journey to school.  Coding: Less than or equal to 5 minutes (coded 0) / 6-15 minutes (1) / More than 15 minutes (2) / Missing (999) |

Variables were derived for all available waves within each study where possible.

*Studies / waves included in each harmonised variable*

|  |  |
| --- | --- |
| **Name** | **Study** |
| ICAD\_SchoolTravel1 | ALSPAC (1, 2), Ballabeina (1,2), CLAN (2,3), EYHS Denmark (1,2,3), EYHS Estonia, EYHS Norway (1), EYHS Portugal (1), KISS (1,2,3), PEACH (1,2), Pelotas (1), SPEEDY (1,2,3). |
| ICAD\_SchoolTravel2 | ALSPAC (1, 2), Ballabeina (1,2), Belgian Preschool 1, Belgian Preschool 3, CLAN (1,2,3), EYHS Denmark (1,2,3), EYHS Estonia, EYHS Norway (1), EYHS Portugal (1), HEAPS (2), KISS (1,2,3), PEACH (1,2), Pelotas (1), SPEEDY (1,2,3). |
| ICAD\_SchoolTravel3 | CLAN (2,3), EYHS Denmark (1,2), EYHS Estonia, EYHS Norway (1), EYHS Portugal (1), KISS (1,2,3), Pelotas (1), SPEEDY (1,3). |

*Excluded studies / waves*

|  |  |
| --- | --- |
| **Study / wave**  **Variable** | **Rationale** |
| Belgian Preschool 1  ICAD\_SchoolTravel1 | Information collected only on duration of travel for those who walked / cycled. |
| Belgian Preschool 3  ICAD\_SchoolTravel1 | Information collected only on duration of travel for those who walked / cycled. |
| CLAN / Wave 1  ICAD\_SchoolTravel1 | Information provided only on walking or cycling to school. This was collected as part of a wider questionnaire about physical activity; not an instrument about school travel specifically. |
| HEAPS / Wave 2  ICAD\_SchoolTravel1 | Information collected only on frequency of walking or cycling to school. This was collected as part of a wider questionnaire about places that the child travelled to on foot/bike; not an instrument about school travel specifically. |
| ALSPAC / Waves 1,2  Belgian Preschool 1  Belgian Preschool 3  CLAN / Wave 1  HEAPS / Wave 2  PEACH / Waves 1,2  SPEEDY / Wave 2  EYHS Denmark, wave 3  ICAD\_SchoolTravel3 | No information collected / shared on duration of journey to school. |
| Ballabeina / Waves 1,2  ICAD\_SchoolTravel3 | Information on duration of journey to school was provided by the study team, but the response categories used (<10 minutes / 10-20 minutes / >20 minutes) were not compatible with those of the harmonised variable. |

*Item selection / prioritisation*

* Assuming the same construct was assessed, respondent was prioritised as follows: parent, child.
* Where information was provided on both the journey to and from school, items reporting on the journey to school were prioritised.

*Study specific notes*

**ALSPAC, wave 1** - The questionnaire allowed for selection of multiple travel modes and included ‘every/most days’ and ‘some days’ response options. Where participants selected a single travel mode and indicated frequency as ‘every/most days’ or ‘some days’ they were allocated to this category (or the ‘other’ category where appropriate) in the harmonised variable. When a combination of different modes / frequencies was selected, the harmonised variable was coded according to the most frequently reported mode of travel (i.e. any mode where ‘every/most days’ was selected). If ‘every/most days’ was selected for more than one mode, responses were coded in the following priority order: car, public transport, cycle, walk, other. This process was then repeated where respondents indicated ‘some days’ for multiple travel modes. This process was applied for the derivation of ICAD\_SchoolTravel1. ICAD\_SchoolTravel2 was derived directly from ICAD\_SchoolTravel1. STATA syntax for the recoding described above will be made available on request.

**ALSPAC, wave 2** - The questionnaire allowed for selection of multiple travel modes. At this assessment, in contrast to wave 1, response options pertained to mode of travel only, with no reference to frequency. Where participants selected a single travel mode, they were allocated to this category (or the ‘other’ category where appropriate) in the harmonised variable. Where participants selected ‘skate/scooter’ this was coded as ‘other’. Where respondents selected multiple travel modes, responses were coded in the following priority order: car, public transport, cycle, walk, other. This process was applied for the derivation of ICAD\_SchoolTravel1. ICAD\_SchoolTravel2 was derived directly from ICAD\_SchoolTravel1. STATA syntax for the recoding described above will be made available on request.

**Belgian Preschool 1, Belgian Preschool 3** – The questionnaire (completed by a parent) assessed journey duration (in minutes) amongst those who walked or cycled to school. The questionnaire did not examine use of other modes of travel to school. For the variable ICAD\_SchoolTravel2, participants were assigned to the ‘active’ travel mode (coded 0) where any non-zero response was provided for this item. All participants with a response of zero to this item were coded as using ‘other’ mode of travel (coded 1).

**CLAN -** The CLAN study comprised two cohorts of children; a ‘younger’ cohort (age 8-11 years at wave 2) and an ‘older’ cohort (age 13-15 years at wave 2). At waves 2 and 3, information on school travel mode, frequency and (weekly) duration was reported by parents for the younger cohort and self-reported by the older cohort. Harmonised variables are provided for the whole study, but were derived from the parent or child reported data as appropriate for each cohort. The questionnaires used to collect data on school travel were essentially the same between cohorts; only the respondent differed. Questionnaires assessed travel mode, frequency of use, and (weekly) duration. The questionnaires allowed for selection of multiple travel modes. Where a single travel mode was selected, participants were allocated to this category in the harmonised variable. When a combination of different modes was selected, the harmonised variable was coded according to the most frequently reported mode of travel. In the event that multiple travel modes were selected and reported frequency of use was the same, responses were coded in the following priority order: car, public transport, cycle, walk. This process was applied for the derivation of ICAD\_SchoolTravel1 at waves 2 and 3. ICAD\_SchoolTravel2 was derived directly from ICAD\_SchoolTravel1 for waves 2 and 3. The process for deriving ICAD\_SchoolTravel2 at wave 1 is described below. STATA syntax for the recoding described above will be made available on request.

ICAD\_SchoolTravel2 at wave 1 was derived from items that assessed use and frequency of travel to school by walking or cycling. The questionnaire did not examine use of other modes of travel to school. The items were included in both the child and parent questionnaires. Parent-reported responses were used preferentially, with missing observations replaced with child-reported responses where possible. Participants were assigned to the ‘active’ travel mode (coded 0) where they indicated use of walking or cycling to school for at least half (5) of school journeys per week (travel to and from school = 2 journeys; possible range over week 0-10). All other responses were coded as ‘other’ mode of travel (coded 1). STATA syntax for the recoding described above will be made available on request.

ICAD\_SchoolTravel3 (duration of journey, provided for waves 2 and 3) was derived for the mode of school travel assigned in ICAD\_SchoolTravel1. Weekly duration (mins) of travel by the assigned mode was divided by the reported frequency of use of that mode to obtain an estimate of the duration of a single school journey. Estimates were then assigned to the appropriate category (Less than or equal to 5 minutes / 6-15 minutes / More than 15 minutes.

**HEAPS** - The HEAPS study comprised two cohorts of children; a ‘younger’ cohort (age 8-10 years at wave 1) and an ‘older’ cohort (age 12-15 years at wave 1). At wave 2, information on frequency of walking / cycling to school was provided by parents for the younger cohort and self-reported by the older cohort. The harmonised variable (ICAD\_SchoolTravel2 at wave 2) is provided for the whole study, but was derived from the parent or child reported data as appropriate for each cohort. Questionnaire items assessed frequency of walking or cycling to school, with the following response options: ‘It is not within walking/cycling distance’; ‘never/rarely’; ’less than once per week’; ‘1-2 times per week’; ‘3-4 times per week’; ‘5-6 times per week’; ‘daily’. Participants with a response of ‘3-4 times per week’, ‘5-6 times per week’ or ‘daily’ to either the walking or cycling item were coded as ‘Active mode of travel’ (coded 0) in the harmonised variable. Participants with a response of ‘It is not within walking/cycling distance’, ‘never/rarely’, ’less than once per week’ or ‘1-2 times per week’ were coded as ‘Other mode of travel’ (1) in the harmonised variable. STATA syntax for the recoding described above will be made available on request.

**KISS** - Information on school travel mode was collected separately for summer and winter. Items for summer were used to derive the harmonised variables because they had less missing data. The overall pattern of responses, however, was very similar between summer/winter items.

**EYHS Denmark** – The EYHS Denmark study comprises three cohorts; two longitudinal cohorts (Cohort ‘a’ assessed in 1997/2003; Cohort ‘c’ assessed in 2003/2009) and one cross-sectional cohort (Cohort ‘b’ assessed in 1997 only). Participants belong to one cohort only. All cohorts were assessed using the same methodology. An additional prefix of ‘a’, ‘b’, ‘c’ has been used alongside the wave (W#) indicator to identify the cohort from which the data were obtained (see harmonisation table, ‘source data’, ‘variable name(s)’.

**SPEEDY, waves 1 and 3 -** The questionnaire items used to assess duration of journey to school addressed walking and cycling separately but requested a combined estimation of journey duration by bus or car. Therefore, responses for ICAD\_SchoolTravel3 (duration) are provided only for those who were assigned to walking or cycling mode in ICAD\_SchoolTravel1.

**School travel – harmonisation table**

**Construct**: Mode of travel to school

**Variable**: ICAD\_SchoolTravel1

**Coding**: Walk (coded 0) / Cycle (1) / Public transport (2) / Car (3) / Other (4) / Missing (999)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Study / Wave** | **Source data** | |  | **Harmonisation** | | |
| Variable(s): name(s), respondent, description | Summary |  | Category | Processing | Summary |
| ALSPAC  Wave: 1 | Var’ name:  kw7010 (walk)  kw7011 (wheelchair)  kw7012 (public bus)  kw7013 (school bus)  kw7014 (car)  kw7015 (cycle)  kw7016 (other)  Mother-reported  Mode of travel to school | kw7010: Every day, n=3115  kw7011: Every day,  n=6  kw7012: Every day, n=330  kw7013: Every day, n=1220  kw7014: Every day, n=2104  kw7015: Every day, n=149  kw7016: Every day, n=64 |  | Walk (0) | ALSPAC (wave 1) allowed for selection of multiple travel modes and included ‘every/most days’ and ‘some days’ response options. See study specific notes for details on how the harmonised variable was derived. | n=2970 |
|  | Cycle (1) | n=166 |
|  | Public transport (2) | n=1542 |
|  | Car (3) | n=2647 |
|  | Other (4) | n=59 |
|  | Missing (999) | n=8059 |
|  |  |  |  |  |  |  |
| ALSPAC  Wave: 2 | Var’ name:  ccp210 (walk all the way)  ccp211 (walk part of the way)  ccp212 (public bus)  ccp213 (school bus)  ccp214 (car or taxi)  ccp215 (cycle)  ccp216 (train or metro)  ccp217 (skateboard or scooter)  Child-reported  Mode of travel to school | ccp210: yes, n=2925  ccp211: yes, n=929  ccp212: yes, n=510  ccp213: yes, n=1514  ccp214: yes, n=2246  ccp215: yes, n=432  ccp216: yes, n=48  ccp217: yes, n=24 |  | Walk (0) | ALSPAC (wave 2) allowed for selection of multiple travel modes. See study specific notes for details on how the harmonised variable was derived. | n=2562 |
|  | Cycle (1) | n=294 |
|  | Public transport (2) | n=1718 |
|  | Car (3) | n=2246 |
|  | Other (4) | n=2 |
|  | Missing (999) | n=8621 |
|  |  |  |  |  |  |  |
| Ballabeina  Wave: 1 | Var’ name: W1\_a\_schulwegZufusswalking  Parent-reported  Mode of travel to school | Walking, n=546  Bicycle, n=1  Bus, n=4  Car, n=32  Other, n=24  Missing, n=289 |  | Walk (0) | If [W1\_a\_schulwegZufusswalking] = Walking | n=546 |
|  | Cycle (1) | If [W1\_a\_schulwegZufusswalking] = Bicycle | n=1 |
|  | Public transport (2) | If [W1\_a\_schulwegZufusswalking] = Bus | n=4 |
|  | Car (3) | If [W1\_a\_schulwegZufusswalking] = Car | n=32 |
|  | Other (4) | If [W1\_a\_schulwegZufusswalking] = Other | n=24 |
|  | Missing (999) | If [W1\_a\_schulwegZufusswalking] = Missing | n=289 |
|  |  |  |  |  |  |  |
| Ballabeina  Wave: 2 | Var’ name: W2\_b\_schulweg  Parent-reported  Mode of travel to school | Walking, n=506  Bicycle, n=1  Bus, n=4  Car, n=25  Other, n=52  Missing, n=308 |  | Walk (0) | If [W2\_b\_schulweg] = Walking | n=506 |
|  | Cycle (1) | If [W2\_b\_schulweg] = Bicycle | n=1 |
|  | Public transport (2) | If [W2\_b\_schulweg] = Bus | n=4 |
|  | Car (3) | If [W2\_b\_schulweg] = Car | n=25 |
|  | Other (4) | If [W2\_b\_schulweg] = Other | n=52 |
|  | Missing (999) | If [W2\_b\_schulweg] = Missing | n=308 |
|  |  |  |  |  |  |  |
| CLAN  Wave: 2 | Var’ name:  Parent reported:  W2\_p2q69a (Car)  W2\_p2q69b (Bus)  W2\_p2q69c (Cycle)  W2\_p2q69d (Walk)  Child reported:  W2\_c2q37a (Bus)  W2\_c2q37b (Car)  W2\_c2q37c (Cycle)  W2\_c2q37d (Walk)  Mode of travel to/from school | Parent reported:  W2\_p2q69a: yes, n=153  W2\_p2q69b: yes, n=2  W2\_p2q69c: yes, n=95  W2\_p2q69d: yes, n=20  Child reported:  W2\_c2q37a: yes, n=209  W2\_c2q37b: yes, n=217  W2\_c2q37c: yes, n=18  W2\_c2q37d: yes, n=152 |  | Walk (0) | CLAN (waves 2 and 3) used different assessment methods for the two age-group cohorts within the study (younger cohort – parent report; older cohort – self-report). The questionnaires (for both parents and children) allowed for the selection of multiple modes of travel and included information on the frequency with which each mode was used. See study specific notes for details on how the harmonised variable was derived. | n=102 |
|  | Cycle (1) | n=19 |
|  | Public transport (2) | n=141 |
|  | Car (3) | n=282 |
|  | Other (4) |  |
|  | Missing (999) | n=676 |
|  |  |  |  |  |  |  |
| CLAN  Wave: 3 | Var’ name:  Parent reported:  W3\_p3q57a (Car)  W3\_p3q57b (Bus)  W3\_p3q57c (Cycle)  W3\_p3q57d (Walk)  Child reported:  W3\_c3q15a (Bus)  W3\_c3q15b (Car)  W3\_c3q15c (Cycle)  W3\_c3q15d (Walk)  Mode of travel to/from school | Parent reported:  W3\_p3q57a: yes, n=132  W3\_p3q57b: yes, n=7  W3\_p3q57c: yes, n=31  W3\_p3q57d: yes, n=102  Child reported:  W3\_c3q15a: yes, n=181  W3\_c3q15b: yes, n=188  W3\_c3q15c: yes, n=16  W3\_c3q15d: yes, n=129 |  | Walk (0) | CLAN (waves 2 and 3) used different assessment methods for the two age-group cohorts within the study (younger cohort – parent report; older cohort – self-report). The questionnaires (for both parents and children) allowed for the selection of multiple modes of travel and included information on the frequency with which each mode was used. See study specific notes for details on how the harmonised variable was derived. | n=92 |
|  | Cycle (1) | n=22 |
|  | Public transport (2) | n=120 |
|  | Car (3) | n=234 |
|  | Other (4) |  |
|  | Missing (999) | n=752 |
|  |  |  |  |  |  |  |
| EYHS Denmark  Wave: 1 | Var’ names: W1a\_q6, W1b\_q6  Child-reported  Mode of travel to school | W1a\_q6:  Car/motorcycle, n=133  Bus or train, n=73  Bicycle, n=218  By foot, n=154  Missing, n=1040  W1b\_q6:  Car/motorcycle, n=13  Bus or train, n=43  Bicycle, n=274  By foot, n=88  Missing, n=1200 |  | Walk (0) | If [W1a\_q6 OR W1b\_q6] = By foot | n=242 |
|  | Cycle (1) | If [W1a\_q6 OR W1b\_q6] = Bicycle | n=492 |
|  | Public transport (2) | If [W1a\_q6 OR W1b\_q6] = Bus or train | n=116 |
|  | Car (3) | If [W1a\_q6 OR W1b\_q6] = Car/motorcycle | n=146 |
|  | Other (4) | N/A |  |
|  | Missing (999) | If [W1a\_q6 OR W1b\_q6] = Missing | n=622 |
|  |  |  |  |  |  |  |
| EYHS Denmark  Wave: 2 | Var’ name: W2a\_q6, W2c\_q6  Child-reported  Mode of travel to school | W2a\_q6:  Car/motorcycle, n=27  Bus or train, n=49  Bicycle, n=269  By foot, n=98  Missing, n=1175  W2b\_q6:  Car/motorcycle, n=97  Bus or train, n=61  Bicycle, n=172  By foot, n=127  Missing, n=1161 |  | Walk (0) | If [W2a\_q6 OR W2c\_q6] = By foot | n=225 |
|  | Cycle (1) | If [W2a\_q6 OR W2c\_q6] = Bicycle | n=441 |
|  | Public transport (2) | If [W2a\_q6 OR W2c\_q6] = Bus or train | n=110 |
|  | Car (3) | If [W2a\_q6 OR W2c\_q6] = Car/motorcycle | n=124 |
|  | Other (4) | N/A |  |
|  | Missing (999) | If [W2a\_q6 OR W2c\_q6] = Missing | n=718 |
|  |  |  |  |  |  |  |
| EYHS Denmark  Wave: 3 | Var’ name: W3c\_school\_travel  Child-reported  Mode of travel to school | Car/motorcycle, n=24  Bus or train, n=22  Bicycle, n=251  By foot, n=92  Missing, n=1229 |  | Walk (0) | If [W3c\_school\_travel] = By foot | n=92 |
|  | Cycle (1) | If [W3c\_school\_travel] = Bicycle | n=251 |
|  | Public transport (2) | If [W3c\_school\_travel] = Bus or train | n=22 |
|  | Car (3) | If [W3c\_school\_travel] = Car/motorcycle | n=24 |
|  | Other (4) | N/A |  |
|  | Missing (999) | If [W3c\_school\_travel] = Missing | n=1229 |
|  |  |  |  |  |  |  |
| EYHS Estonia | Var’ name: q6  Child-reported  Mode of travel to school | Car/motorcycle, n=162  Bus or train, n=348  Bicycle, n=11  By foot, n=620  Missing, n=33 |  | Walk (0) | If [q6] = By foot | n=620 |
|  | Cycle (1) | If [q6] = Bicycle | n=11 |
|  | Public transport (2) | If [q6] = Bus or train | n=348 |
|  | Car (3) | If [q6] = Car/motorcycle | n=162 |
|  | Other (4) | N/A |  |
|  | Missing (999) | If [q6] = Missing | n=33 |
|  |  |  |  |  |  |  |
| EYHS Norway  Wave: 1 | Var’ name: q6  Child-reported  Mode of travel to school | Car/motorcycle, n=23  Bus or train, n=84  Bicycle, n=29  By foot, n=589  Missing, n=143 |  | Walk (0) | If [q6] = By foot | n=589 |
|  | Cycle (1) | If [q6] = Bicycle | n=29 |
|  | Public transport (2) | If [q6] = Bus or train | n=84 |
|  | Car (3) | If [q6] = Car/motorcycle | n=23 |
|  | Other (4) | N/A |  |
|  | Missing (999) | If [q6] = Missing | n=143 |
|  |  |  |  |  |  |  |
| EYHS Portugal  Wave: 1 | Var’ name: W1\_q6  Child-reported  Mode of travel to school | Car/motorcycle, n=178  Bus or train, n=379  Bicycle, n=5  By foot, n=356  Missing, n=712 |  | Walk (0) | If [q6] = By foot | n=356 |
|  | Cycle (1) | If [q6] = Bicycle | n=5 |
|  | Public transport (2) | If [q6] = Bus or train | n=379 |
|  | Car (3) | If [q6] = Car/motorcycle | n=178 |
|  | Other (4) | N/A |  |
|  | Missing (999) | If [W1a\_q6] = Missing | n=712 |
|  |  |  |  |  |  |  |
| KISS  Wave: 1 | Var’ name:  a\_schulweg\_hin\_sommer  Parent reported  Mode of travel to school during summer | Walk, n=392  Cycle/scooter, n=51  Car, n=7  Bus/train/tram, n=3  Missing, n=87 |  | Walk (0) | If [a\_schulweg\_hin\_sommer] = Walk | n=392 |
|  | Cycle (1) | If [a\_schulweg\_hin\_sommer] = Cycle/scooter | n=51 |
|  | Public transport (2) | If [a\_schulweg\_hin\_sommer] = Bus/train/tram | n=3 |
|  | Car (3) | If [a\_schulweg\_hin\_sommer] = Car | n=7 |
|  | Other (4) | N/A |  |
|  | Missing (999) | If [a\_schulweg\_hin\_sommer] = Missing | n=87 |
|  |  |  |  |  |  |  |
| KISS  Wave: 2 | Var’ name:  b\_schulweg\_hin\_sommer  Parent reported  Mode of travel to school during summer | Walk, n=397  Cycle/scooter, n=49  Car, n=6  Bus/train/tram, n=5  Missing, n=83 |  | Walk (0) | If [ b\_schulweg\_hin\_sommer] = Walk | n=397 |
|  | Cycle (1) | If [b\_schulweg\_hin\_sommer] = Cycle/scooter | n=49 |
|  | Public transport (2) | If [b\_schulweg\_hin\_sommer] = Bus/train/tram | n=5 |
|  | Car (3) | If [b\_schulweg\_hin\_sommer] = Car | n=6 |
|  | Other (4) | N/A |  |
|  | Missing (999) | If [b\_schulweg\_hin\_sommer] = Missing | n=83 |
|  |  |  |  |  |  |  |
| KISS  Wave: 3 | Var’ name:  c\_schulweg\_hin\_sommer  Parent reported  Mode of travel to school during summer | Walk, n=144  Cycle/scooter, n=83  Car, n=2  Bus/train/tram, n=17  Missing, n=294 |  | Walk (0) | If [ c\_schulweg\_hin\_sommer] = Walk | n=144 |
|  | Cycle (1) | If [c\_schulweg\_hin\_sommer] = Cycle/scooter | n=83 |
|  | Public transport (2) | If [c\_schulweg\_hin\_sommer] = Bus/train/tram | n=17 |
|  | Car (3) | If [c\_schulweg\_hin\_sommer] = Car | n=2 |
|  | Other (4) | N/A |  |
|  | Missing (999) | If [c\_schulweg\_hin\_sommer] = Missing | n=294 |
|  |  |  |  |  |  |  |
| PEACH  Wave: 1 | Var’ name: W1\_pq55  Child-reported  Mode of travel to school | Walk, n=924  Cycle, n=39  Car, n=327  Bus/train, n=10  Missing, n=7 |  | Walk (0) | If [W1\_pq55] = Walk | n=924 |
|  | Cycle (1) | If [W1\_pq55] = Cycle | n=39 |
|  | Public transport (2) | If [W1\_pq55] = Bus/train | n=10 |
|  | Car (3) | If [W1\_pq55] = Car | n=327 |
|  | Other (4) | N/A |  |
|  | Missing (999) | If [W1\_pq55] = Missing | n=7 |
|  |  |  |  |  |  |  |
| PEACH  Wave: 2 | Var’ name: W2\_pq55  Child-reported  Mode of travel to school | Walk, n=523  Cycle, n=45  Car, n=226  Bus/train, n=156  Missing, n=357 |  | Walk (0) | If [W2\_pq55] = Walk | n=523 |
|  | Cycle (1) | If [W2\_pq55] = Cycle | n=45 |
|  | Public transport (2) | If [W2\_pq55] = Bus/train | n=156 |
|  | Car (3) | If [W2\_pq55] = Car | n=226 |
|  | Other (4) | N/A |  |
|  | Missing (999) | If [W2\_pq55] = Missing | n=357 |
|  |  |  |  |  |  |  |
| Pelotas  Wave: 1 | Var’ name: W1b\_transp\_12y  Child-reported  Mode of travel to school | Car/motorcycle, n=45  Bus, n=68  Walk, n=303  Bicycle, n=38  Other, n=3  Missing, n=4847 |  | Walk (0) | If [W1b\_transp\_12y] = Walk | n=303 |
|  | Cycle (1) | If [W1b\_transp\_12y] = Bicycle | n=38 |
|  | Public transport (2) | If [W1b\_transp\_12y] = Bus | n=68 |
|  | Car (3) | If [W1b\_transp\_12y] = Car/motorcycle | n=45 |
|  | Other (4) | If [W1b\_transp\_12y] = Other | n=3 |
|  | Missing (999) | If [W1b\_transp\_12y] = Missing | n=4847 |
|  |  |  |  |  |  |  |
| SPEEDY  Wave: 1 | Var’ name: W1\_school\_travel  Child-reported  Mode of travel to school | Car, n=923  Bus/train, n=127  Bicycle, n=189  On foot, n=814  Missing, n=11 |  | Walk (0) | If [W1\_school\_travel] = On foot | n=814 |
|  | Cycle (1) | If [W1\_school\_travel] = Bicycle | n=189 |
|  | Public transport (2) | If [W1\_school\_travel] = Bus/train | n=127 |
|  | Car (3) | If [W1\_school\_travel] = Car | n=923 |
|  | Other (4) | N/A |  |
|  | Missing (999) | If [W1\_school\_travel] = Missing | n=11 |
|  |  |  |  |  |  |  |
| SPEEDY  Wave: 2 | Var’ name: W2\_S2\_B1TravelToSchool\_CLEANED  Child-reported  Mode of travel to school | Car, n=357  Bus/train, n=62  Bicycle, n=72  On foot, n=422  Missing, n=1151 |  | Walk (0) | If [W2\_S2\_B1TravelToSchool\_CLEANED] = On foot | n=422 |
|  | Cycle (1) | If [W2\_S2\_B1TravelToSchool\_CLEANED] = Bicycle | n=72 |
|  | Public transport (2) | If [W2\_S2\_B1TravelToSchool\_CLEANED] = Bus/train | n=62 |
|  | Car (3) | If [W2\_S2\_B1TravelToSchool\_CLEANED] = Car | n=357 |
|  | Other (4) | N/A |  |
|  | Missing (999) | If [W2\_S2\_B1TravelToSchool\_CLEANED] = Missing | n=1151 |
|  |  |  |  |  |  |  |
| SPEEDY  Wave: 3 | Var’ name: W3\_s3\_q041atraveltosch  Child-reported  Mode of travel to school | Car, n=120  Bus/train, n=170  Bicycle, n=21  On foot, n=164  Missing, n=1589 |  | Walk (0) | If [W3\_s3\_q041atraveltosch] = On foot | n=164 |
|  | Cycle (1) | If [W3\_s3\_q041atraveltosch] = Bicycle | n=21 |
|  | Public transport (2) | If [W3\_s3\_q041atraveltosch] = Bus/train | n=170 |
|  | Car (3) | If [W3\_s3\_q041atraveltosch] = Car | n=120 |
|  | Other (4) | N/A |  |
|  | Missing (999) | If [W3\_s3\_q041atraveltosch] = Missing | n=1589 |

**School travel – harmonisation table**

**Construct**: Mode of travel to school

**Variable**: ICAD\_SchoolTravel2

**Coding**: Active mode of travel (coded 0) / Other mode of travel (1) / Missing (999)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Study / Wave** | **Source data** | |  | **Harmonisation** | | |
| Variable(s): name(s), respondent, description | Summary |  | Category | Processing | Summary |
| ALSPAC  Wave: 1 | Derived from ICAD\_SchoolTravel1\_W2. See study specific notes for further information. | N/A |  | Active mode (0) | If [ICAD\_SchoolTravel2\_W2] = Walk OR [ICAD\_SchoolTravel2\_W2] = Cycle | n=3136 |
| Other mode (1) | If [ICAD\_SchoolTravel2\_W2] = Public transport OR [ICAD\_SchoolTravel2\_W2] = Car | n=4248 |
| Missing (999) | If [ICAD\_SchoolTravel2\_W2] = missing | n=8059 |
|  |  |  |  |  |  |  |
| ALSPAC  Wave: 2 | Derived from ICAD\_SchoolTravel1\_W2. See study specific notes for further information. | N/A |  | Active mode (0) | If [ICAD\_SchoolTravel2\_W3] = Walk OR [ICAD\_SchoolTravel2\_W3] = Cycle | n=2856 |
| Other mode (1) | If [ICAD\_SchoolTravel2\_W3] = Public transport OR [ICAD\_SchoolTravel2\_W3] = Car | n=3966 |
| Missing (999) | If [ICAD\_SchoolTravel2\_W3] = missing | n=8621 |
|  |  |  |  |  |  |  |
| Ballabeina  Wave: 1 | Var’ name: W1\_a\_schulwegZufusswalking  Parent-reported  Mode of travel to school | Walking, n=546  Bicycle, n=1  Bus, n=4  Car, n=32  Other, n=24  Missing, n=289 |  | Active mode (0) | If [W1\_a\_schulwegZufusswalking] = Walking OR Bicycle | n=547 |
| Other mode (1) | If [W1\_a\_schulwegZufusswalking] = Bus OR Car OR Other | n=60 |
| Missing (999) | If [W1\_a\_schulwegZufusswalking] = Missing | n=289 |
|  |  |  |  |  |  |  |
| Ballabeina  Wave: 2 | Var’ name: W2\_b\_schulweg  Parent-reported  Mode of travel to school | Walking, n=506  Bicycle, n=1  Bus, n=4  Car, n=25  Other, n=52  Missing, n=308 |  | Active mode (0) | If [W2\_b\_schulweg] = Walking OR Bicycle | n=507 |
| Other mode (1) | If [W2\_b\_schulweg] = Bus OR Car OR Other | n=81 |
| Missing (999) | If [W2\_b\_schulweg] = Missing | n=308 |
|  |  |  |  |  |  |  |
| Belgian Preschool 1 | Var’ name: Beweging\_NaarSchool  Parent reported  Child walks or cycles to school (if yes parent reported duration of journey in minutes) | 0 (does not walk or cycle to school), n=131  1 (duration of walk or cycle to school, minutes), n=1  2, n=3  3, n=1  4, n=1  5, n=14  10, n=14  15, n=6  20, n=10  25, n=1  30, n=2  40, n=2  45, n=1  60, n=1  Missing, n=136 |  | Active mode (0) | If [Beweging\_NaarSchool] ≠ 0 | n=57 |
| Other mode (1) | If [Beweging\_NaarSchool] = 0 | n=131 |
| Missing (999) | If [Beweging\_NaarSchool] = Missing | n=136 |
|  |  |  |  |  |  |  |
| Belgian Preschool 3 | Var’ name: naarschool  Parent reported  Child walks or cycles to school (if yes parent reported duration of journey in muntes) | 0 (does not walk or cycle to school), n=50  5 (minute duration of walk or cycle to school, minutes), n=3  6, n=1  7, n=1  10, n=5  15, n=5  20, n=1  30, n=4  40, n=1  Missing, n=1 |  | Active mode (0) | If [naarschool] ≠ 0 | n=21 |
| Other mode (1) | If [naarschool] = 0 | n=50 |
| Missing (999) | If [naarschool] = Missing | n=1 |
|  |  |  |  |  |  |  |
| CLAN  Wave: 1 | Var’ name:  Parent-reported:  W1\_p1q37dd (Walk to school)  W1\_p1q37ee (Cycle to school)  Child-reported:  W1\_c1q1dd (Walk to school)  W1\_c1q1ee (Cycle to school)  Child walks or cycles to school | W1\_p1q37dd: yes, n=663  W1\_p1q37ee: yes,  n=79  W1\_c1q1dd: yes, n=562  W1\_c1q1ee: yes, n=72 |  | Active mode (0) | CLAN wave 1 questionnaires (parent / child) assessed use and frequency of walking or cycling to school only. See study specific notes for details on how the harmonised variable was derived. | n=551 |
| Other mode (1) | n=666 |
| Missing (999) | n=3 |
|  |  |  |  |  |  |  |
| CLAN  Wave: 2 | Derived from ICAD\_SchoolTravel1\_W2. See study specific notes for further information. | N/A |  | Active mode (0) | If [ICAD\_SchoolTravel2\_W2] = Walk OR [ICAD\_SchoolTravel2\_W2] = Cycle | n=121 |
| Other mode (1) | If [ICAD\_SchoolTravel2\_W2] = Public transport OR [ICAD\_SchoolTravel2\_W2] = Car | n=423 |
| Missing (999) | If [ICAD\_SchoolTravel2\_W2] = missing | n=676 |
|  |  |  |  |  |  |  |
| CLAN  Wave: 3 | Derived from ICAD\_SchoolTravel1\_W3. See study specific notes for further information. | N/A |  | Active mode (0) | If [ICAD\_SchoolTravel2\_W3] = Walk OR [ICAD\_SchoolTravel2\_W3] = Cycle | n=114 |
| Other mode (1) | If [ICAD\_SchoolTravel2\_W3] = Public transport OR [ICAD\_SchoolTravel2\_W3] = Car | n=354 |
| Missing (999) | If [ICAD\_SchoolTravel2\_W3] = missing | n=752 |
|  |  |  |  |  |  |  |
| EYHS Denmark  Wave: 1 | Var’ names: W1a\_q6, W1b\_q6  Child-reported  Mode of travel to school | W1a\_q6:  Car/motorcycle, n=133  Bus or train, n=73  Bicycle, n=218  By foot, n=154  Missing, n=1040  W1b\_q6:  Car/motorcycle, n=13  Bus or train, n=43  Bicycle, n=274  By foot, n=88  Missing, n=1200 |  | Active mode (0) | If [W1a\_q6 OR W1b\_q6] = By foot OR Bicycle | n=734 |
| Other mode (1) | If [W1a\_q6 OR W1b\_q6] = Car/motorcycle OR Bus or train | n=262 |
| Missing (999) | If [W1a\_q6 OR W1b\_q6] = Missing | n=622 |
|  |  |  |  |  |  |  |
| EYHS Denmark  Wave: 2 | Var’ name: W2a\_q6, W2c\_q6  Child-reported  Mode of travel to school | W2a\_q6:  Car/motorcycle, n=27  Bus or train, n=49  Bicycle, n=269  By foot, n=98  Missing, n=1175  W2b\_q6:  Car/motorcycle, n=97  Bus or train, n=61  Bicycle, n=172  By foot, n=127  Missing, n=1161 |  | Active mode (0) | If [W2a\_q6 OR W2c\_q6] = By foot OR Bicycle | n=666 |
| Other mode (1) | If [W2a\_q6 OR W2c\_q6] = Car/motorcycle OR Bus or train | n=234 |
| Missing (999) | If [W2a\_q6 OR W2c\_q6] = Missing | n=718 |
|  |  |  |  |  |  |  |
| EYHS Denmark  Wave: 3 | Var’ name: W3c\_school\_travel  Child-reported  Mode of travel to school | Car/motorcycle, n=24  Bus or train, n=22  Bicycle, n=251  By foot, n=92  Missing, n=1229 |  | Active mode (0) | If [W3c\_school\_travel] = By foot OR Bicycle | n=343 |
| Other mode (1) | If [W3c\_school\_travel] = Car/motorcycle OR Bus or train | n=46 |
| Missing (999) | If [W3c\_school\_travel] = Missing | n=1229 |
|  |  |  |  |  |  |  |
| EYHS Estonia | Var’ name: q6  Child-reported  Mode of travel to school | Car/motorcycle, n=162  Bus or train, n=348  Bicycle, n=11  By foot, n=620  Missing, n=33 |  | Active mode (0) | If [q6] = By foot OR Bicycle | n=631 |
| Other mode (1) | If [q6] = Car/motorcycle OR Bus or train | n=510 |
| Missing (999) | If [q6] = Missing | n=33 |
|  |  |  |  |  |  |  |
| EYHS Norway  Wave: 1 | Var’ name: q6  Child-reported  Mode of travel to school | Car/motorcycle, n=23  Bus or train, n=84  Bicycle, n=29  By foot, n=589  Missing, n=143 |  | Active mode (0) | If [q6] = By foot OR Bicycle | n=618 |
| Other mode (1) | If [q6] = Car/motorcycle OR Bus or train | n=107 |
| Missing (999) | If [q6] = Missing | n=143 |
|  |  |  |  |  |  |  |
| EYHS Portugal  Wave: 1 | Var’ name: W1\_q6  Child-reported  Mode of travel to school | Car/motorcycle, n=178  Bus or train, n=379  Bicycle, n=5  By foot, n=356  Missing, n=712 |  | Active mode (0) | If [W1a\_q6] = By foot OR Bicycle | n=361 |
| Other mode (1) | If [W1a\_q6] = Car/motorcycle OR Bus or train | n=557 |
| Missing (999) | If [W1a\_q6] = Missing | n=712 |
|  |  |  |  |  |  |  |
| HEAPS  Wave: 2 | Var’ name:  Parent-reported: W2\_p2q30j  Child-reported: W2\_c2q12\_10  Frequency participant walks or cycles to school | Parent-reported: W2\_p2q30j:  Not within walking/cycling distance, n=57  Never/rarely, n=37  Less than once a week, n=25  1-2 times/week, n=17  3-4 times/week, n=20  5-6 times/week, n=12  Daily, n=35  Not asked in this cohort, n=188  Missing, n=1  Child-reported:  W2\_c2q12\_10  Not within walking/cycling distance, n=55  Never/rarely, n=29  Less than once a week, n=10  1-2 times/week, n=7  3-4 times/week, n=10  5-6 times/week, n=34  Daily, n=37  Missing, n=1 |  | Active mode (0) | HEAPS (wave 2) used different assessment methods for the two age-group cohorts within the study (younger cohort – parent report; older cohort – self-report). The variables used here relate to frequency of travelling to school by cycle or walking, rather than mode of travel per se. See study specific notes for details on how the harmonised variable was derived. | n=148 |
| Other mode (1) | n=237 |
| Missing (999) | n=1177 |
|  |  |  |  |  |  |  |
| KISS  Wave: 1 | Var’ name:  a\_schulweg\_hin\_sommer  Parent reported  Mode of travel to school during summer | Walk, n=392  Cycle/scooter, n=51  Car, n=7  Bus/train/tram, n=3  Missing, n=87 |  | Active mode (0) | If [a\_schulweg\_hin\_sommer] = Walk OR Cycle/scooter | n=443 |
| Other mode (1) | If [a\_schulweg\_hin\_sommer] = Car OR Bus/train/tram | n=10 |
| Missing (999) | If [a\_schulweg\_hin\_sommer] = Missing | n=87 |
|  |  |  |  |  |  |  |
| KISS  Wave: 2 | Var’ name:  b\_schulweg\_hin\_sommer  Parent reported  Mode of travel to school during summer | Walk, n=397  Cycle/scooter, n=49  Car, n=6  Bus/train/tram, n=5  Missing, n=83 |  | Active mode (0) | If [b\_schulweg\_hin\_sommer] = Walk OR Cycle/scooter | n=446 |
| Other mode (1) | If [b\_schulweg\_hin\_sommer] = Car OR Bus/train/tram | n=11 |
| Missing (999) | If [b\_schulweg\_hin\_sommer] = Missing | n=83 |
|  |  |  |  |  |  |  |
| KISS  Wave: 3 | Var’ name:  c\_schulweg\_hin\_sommer  Parent reported  Mode of travel to school during summer | Walk, n=144  Cycle/scooter, n=83  Car, n=2  Bus/train/tram, n=17  Missing, n=294 |  | Active mode (0) | If [c\_schulweg\_hin\_sommer] = Walk OR Cycle/scooter | n=227 |
| Other mode (1) | If [c\_schulweg\_hin\_sommer] = Car OR Bus/train/tram | n=19 |
| Missing (999) | If [c\_schulweg\_hin\_sommer] = Missing | n=294 |
|  |  |  |  |  |  |  |
| PEACH  Wave: 1 | Var’ name: W1\_pq55  Child-reported  Mode of travel to school | Walk, n=924  Cycle, n=39  Car, n=327  Bus/train, n=10  Missing, n=7 |  | Active mode (0) | If [W1\_pq55] = Walk OR Cycle | n=963 |
| Other mode (1) | If [W1\_pq55] = Car OR Bus/train | n=337 |
| Missing (999) | If [W1\_pq55] = Missing | n=7 |
|  |  |  |  |  |  |  |
| PEACH  Wave: 2 | Var’ name: W2\_pq55  Child-reported  Mode of travel to school | Walk, n=523  Cycle, n=45  Car, n=226  Bus/train, n=156  Missing, n=357 |  | Active mode (0) | If [W2\_pq55] = Walk OR Cycle | n=568 |
| Other mode (1) | If [W2\_pq55] = Car OR Bus/train | n=382 |
| Missing (999) | If [W2\_pq55] = Missing | n=357 |
|  |  |  |  |  |  |  |
| Pelotas  Wave: 1 | Var’ name: W1b\_transp\_12y  Child-reported  Mode of travel to school | Car/motorcycle, n=45  Bus, n=68  Walk, n=303  Bicycle, n=38  Other, n=3  Missing, n=4847 |  | Active mode (0) | If [W1b\_transp\_12y] = Walk OR Bicycle | n=341 |
| Other mode (1) | If [W1b\_transp\_12y] = Car/motorcycle OR Bus OR Other | n=116 |
| Missing (999) | If [W1b\_transp\_12y] = Missing | n=4847 |
|  |  |  |  |  |  |  |
| SPEEDY  Wave: 1 | Var’ name: W1\_school\_travel  Child-reported  Mode of travel to school | Car, n=923  Bus/train, n=127  Bicycle, n=189  On foot, n=814  Missing, n=11 |  | Active mode (0) | If [W1\_school\_travel] = Bicycle OR On foot | n=1003 |
| Other mode (1) | If [W1\_school\_travel] = Car OR Bus/train | n=1050 |
| Missing (999) | If [W1\_school\_travel] = Missing | n=11 |
|  |  |  |  |  |  |  |
| SPEEDY  Wave: 2 | Var’ name: W2\_S2\_B1TravelToSchool\_CLEANED  Child-reported  Mode of travel to school | Car, n=357  Bus/train, n=62  Bicycle, n=72  On foot, n=422  Missing, n=1151 |  | Active mode (0) | If [W2\_S2\_B1TravelToSchool\_CLEANED] = Bicycle OR On foot | n=494 |
| Other mode (1) | If [W2\_S2\_B1TravelToSchool\_CLEANED] = Car OR Bus/train | n=419 |
| Missing (999) | If [W2\_S2\_B1TravelToSchool\_CLEANED] = Missing | n=1151 |
|  |  |  |  |  |  |  |
| SPEEDY  Wave: 3 | Var’ name: W3\_s3\_q041atraveltosch  Child-reported  Mode of travel to school | Car, n=120  Bus/train, n=170  Bicycle, n=21  On foot, n=164  Missing, n=1589 |  | Active mode (0) | If [W3\_s3\_q041atraveltosch] = Bicycle OR On foot | n=185 |
| Other mode (1) | If [W3\_s3\_q041atraveltosch] = Car OR Bus/train | n=290 |
| Missing (999) | If [W3\_s3\_q041atraveltosch] = Missing | n=1589 |

**School travel – harmonisation table**

**Construct**: Duration of journey to school

**Variable**: ICAD\_SchoolTravel3

**Coding**: Less than or equal to 5 minutes (coded 0) / 6-15 minutes (1) / More than 15 minutes / Missing (999)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Study / Wave** | **Source data** | |  | **Harmonisation** | | |
| Variable(s): name(s), respondent, description | Summary |  | Category | Processing | Summary |
| CLAN  Wave: 2 | Var’ name:  Parent-reported:  W2\_p2q69atd (Car duration)  W2\_p2q69btd (Bus duration)  W2\_p2q69ctd (Cycle duration)  W2\_p2q69dtd(Walk duration)  W2\_p2q69afd (Car frequency)  W2\_p2q69bfd (Bus frequency)  W2\_p2q69cfd (Cycl frequency)  W2\_p2q69dfd (Wlk frequency)  Child-reported:  W2\_c2q37atm (Bus duration)  W2\_c2q37btm (Car duration)  W2\_c2q37ctm (Cycle duration)  W2\_c2q37dtm (Walk duration)  W2\_c2q37afr (Bus frequency)  W2\_c2q37bfr (Car frequency)  W2\_c2q37cfr (Cycle frequency)  W2\_c2q37dfr (Walk frequency)  Frequency and weekly duration of travel to/from school | N/A |  | Less than 5 minutes (0) | CLAN (waves 2 and 3) used different assessment methods for the two age-group cohorts within the study (younger cohort – parent report; older cohort – self-report). Duration of school travel was derived from parent or child reports of frequency of use of a particular travel mode and weekly duration of travel by this mode. The duration category assigned here relates to the mode of travel identified in ICAD\_SchoolTravel1\_W2. See study specific notes for details on how the harmonised variable was derived. | n=156 |
| 6-15 minutes (1) | n=212 |
| More than 15 minutes (2) | n=158 |
| Missing (999) | n=694 |
|  |  |  |  |  |  |  |
| CLAN  Wave: 3 | Var’ name:  Parent-reported:  W3\_p3q57as (Car duration)  W3\_p3q57bs (Bus duration)  W3\_p3q57cs (Cycle duration)  W3\_p3q57ds (Walk duration)  W3\_p3q57atd (Car frequency)  W3\_p3q57btd (Bus frequency)  W3\_p3q57ctd (Cycl frequency)  W3\_p3q57dtd (Wlk frequency)  Child-reported:  W3\_c3q15as (Bus duration)  W3\_c3q15bs (Car duration)  W3\_c3q15cs (Cycle duration)  W3\_c3q15ds (Walk duration)  W3\_c3q15atd (Bus frequency)  W3\_c3q15btd (Car frequency)  W3\_c3q15ctd (Cycl frequency)  W3\_c3q15dtd (Wlk frequency)  Frequency and weekly duration of travel to/from school | N/A |  | Less than 5 minutes (0) | CLAN (waves 2 and 3) used different assessment methods for the two age-group cohorts within the study (younger cohort – parent report; older cohort – self-report). Duration of school travel was derived from parent or child reports of frequency of use of a particular travel mode and weekly duration of travel by this mode. The duration category assigned here relates to the mode of travel identified in ICAD\_SchoolTravel1\_W3. See study specific notes for details on how the harmonised variable was derived. | n=98 |
| 6-15 minutes (1) | n=202 |
| More than 15 minutes (2) | n=156 |
| Missing (999) | n=764 |
|  |  |  |  |  |  |  |
| EYHS Denmark  Wave: 1 | Var’ names: W1a\_q8, W1b\_q8  Child-reported  Duration of journey to school | W1a\_q8:  Less than 5 min, n=187  5 to 15 min, n=308  15 to 30 min, n=67  30 min to 1 hour, n=11  More than 1 hour, n=5  Missing, n=1040  W1b\_q8:  Less than 5 min, n=159  5 to 15 min, n=200  15 to 30 min, n=42  30 min to 1 hour, n=17  More than 1 hour, n=0  Missing, n=1200 |  | Less than 5 minutes (0) | If [W1a\_q8 OR W1b\_q8] = Less than 5 min | n=346 |
| 6-15 minutes (1) | If [W1a\_q8 OR W1b\_q8] = 5 to 15 min | n=508 |
| More than 15 minutes (2) | If [W1a\_q8 OR W1b\_q8] = 15 to 30 min OR 30 min to 1 hour OR More than 1 hour | n=142 |
| Missing (999) | If [W1a\_q8 OR W1b\_q8] = Missing | n=622 |
|  |  |  |  |  |  |  |
| EYHS Denmark  Wave: 2 | Var’ names: W2a\_q8, W2c\_q8  Child-reported  Duration of journey to school | W2a\_q8:  Less than 5 min, n=147  5 to 15 min, n=215  15 to 30 min, n=57  30 min to 1 hour, n=20  More than 1 hour, n=4  Missing, n=1175  W2c\_q8:  Less than 5 min, n=150  5 to 15 min, n=243  15 to 30 min, n=47  30 min to 1 hour, n=7  More than 1 hour, n=10  Missing, n=1161 |  | Less than 5 minutes (0) | If [W2a\_q8 OR W2c\_q8] = Less than 5 min | n=297 |
| 6-15 minutes (1) | If [W2a\_q8 OR W2c\_q8] = 5 to 15 min | n=458 |
| More than 15 minutes (2) | If [W2a\_q8 OR W2c\_q8] = 15 to 30 min OR 30 min to 1 hour OR More than 1 hour | n=145 |
| Missing (999) | If [W2a\_q8 OR W2c\_q8] = Missing | n=718 |
|  |  |  |  |  |  |  |
| EYHS Estonia | Var’ name: q8  Child-reported  Duration of journey to school | Less than 5 min, n=237  5 to 15 min, n=518  15 to 30 min, n=292  30 min to 1 hour, n=75  More than 1 hour, n=19  Missing, n=33 |  | Less than 5 minutes (0) | If [q8] = Less than 5 min | n=237 |
| 6-15 minutes (1) | If [q8] = 5 to 15 min | n=518 |
| More than 15 minutes (2) | If [q8] = 15 to 30 min OR 30 min to 1 hour OR More than 1 hour | n=386 |
| Missing (999) | If [q8] = Missing | n=33 |
|  |  |  |  |  |  |  |
| EYHS Norway  Wave: 1 | Var’ name: q8  Child-reported  Duration of journey to school | Less than 5 min, n=159  5 to 15 min, n=384  15 to 30 min, n=153  30 min to 1 hour, n=23  More than 1 hour, n=6  Missing, n=143 |  | Less than 5 minutes (0) | If [q8] = Less than 5 min | n=159 |
| 6-15 minutes (1) | If [q8] = 5 to 15 min | n=384 |
| More than 15 minutes (2) | If [q8] = 15 to 30 min OR 30 min to 1 hour OR More than 1 hour | n=182 |
| Missing (999) | If [q8] = Missing | n=143 |
|  |  |  |  |  |  |  |
| EYHS Portugal  Wave: 1 | Var’ name: W1\_q8  Child-reported  Duration of journey to school | Less than 5 min, n=104  5 to 15 min, n=443  15 to 30 min, n=270  30 min to 1 hour, n=86  More than 1 hour, n=15  Missing, n=712 |  | Less than 5 minutes (0) | If [W1a\_q8] = Less than 5 min | n=104 |
| 6-15 minutes (1) | If [W1a\_q8] = 5 to 15 min | n=443 |
| More than 15 minutes (2) | If [W1a\_q8] = 15 to 30 min OR 30 min to 1 hour OR More than 1 hour | n=371 |
| Missing (999) | If [W1a\_q8] = Missing | n=712 |
|  |  |  |  |  |  |  |
| KISS  Wave: 1 | Var’ name: a\_schulweg\_hin\_sommer\_time  Parent-reported  Duration of journey to school | Continuous variable – Duration in minutes per day:  Mean: 9.9  Median: 10  25th percentile: 5  75th percentile: 15  Range: 1, 30  Missing, n=88 |  | Less than 5 minutes (0) | If [a\_schulweg\_hin\_sommer\_time] <=5 | n=153 |
| 6-15 minutes (1) | If [a\_schulweg\_hin\_sommer\_time] = 6-15 (inclusive) | n=249 |
| More than 15 minutes (2) | If [a\_schulweg\_hin\_sommer\_time] >15 | n=50 |
| Missing (999) | If [a\_schulweg\_hin\_sommer\_time] = Missing | n=88 |
|  |  |  |  |  |  |  |
| KISS  Wave: 2 | Var’ name: b\_schulweg\_hin\_sommer\_time  Parent-reported  Duration of journey to school | Continuous variable – Duration in minutes per day:  Mean: 9.8  Median: 10  25th percentile: 5  75th percentile: 15  Range: 1, 120  Missing, n=87 |  | Less than 5 minutes (0) | If [b\_schulweg\_hin\_sommer\_time] <=5 | n=178 |
| 6-15 minutes (1) | If [b\_schulweg\_hin\_sommer\_time] = 6-15 (inclusive) | n=223 |
| More than 15 minutes (2) | If [b\_schulweg\_hin\_sommer\_time] >15 | n=52 |
| Missing (999) | If [b\_schulweg\_hin\_sommer\_time] = Missing | n=87 |
|  |  |  |  |  |  |  |
| KISS  Wave: 3 | Var’ name: c\_schulweg\_hin\_sommer\_time  Parent-reported  Duration of journey to school | Continuous variable – Duration in minutes per day:  Mean: 10.0  Median: 10  25th percentile: 5  75th percentile: 13  Range:1, 60  Missing, n=294 |  | Less than 5 minutes (0) | If [c\_schulweg\_hin\_sommer\_time] <=5 | n=91 |
| 6-15 minutes (1) | If [c\_schulweg\_hin\_sommer\_time] = 6-15 (inclusive) | n=135 |
| More than 15 minutes (2) | If [c\_schulweg\_hin\_sommer\_time] >15 | n=20 |
| Missing (999) | If [c\_schulweg\_hin\_sommer\_time] = Missing | n=294 |
|  |  |  |  |  |  |  |
| Pelotas  Wave: 1 | Var’ name: W1b\_transpt\_12y  Child-reported  Duration of journey to school | Continuous variable – Duration in minutes per day:  Mean: 12.5  Median: 10  25th percentile: 5  75th percentile: 15  Range: 1, 60  Missing, n=4850 |  | Less than 5 minutes (0) | If [W1b\_transpt\_12y] <=5 | n=143 |
|  | 6-15 minutes (1) | If [W1b\_transpt\_12y] = 6-15 (inclusive) | n=213 |
|  | More than 15 minutes (2) | If [W1b\_transpt\_12y] >15 | n=98 |
|  | Missing (999) | If [W1b\_transpt\_12y] = missing | n=4850 |
|  |  |  |  |  |  |  |
| SPEEDY  Wave: 1 | Var’ name:  W1\_a2acthrs\_clean  W1\_a2actmins\_clean  W1\_a3acthrs\_clean  W1\_a3actmins\_clean  Child reported  Duration of journey when walking or cycling to school | Continuous variable – Duration when walking in minutes per day  Mean: 12.7  Median: 10  25th percentile: 5  75th percentile: 15  Range: 0, 60  Duration when cycling in minutes per day  Mean: 11.2  Median: 10  25th percentile: 5  75th percentile: 15  Range: 0, 60 |  | Less than 5 minutes (0) | If duration of walking or cycling <=5 | n=356 |
|  | 6-15 minutes (1) | If duration of walking or cycling = 6-15 (inclusive) | n=432 |
|  | More than 15 minutes (2) | If duration of walking or cycling >15 | n=193 |
|  | Missing (999) |  | n=1083 |
|  |  |  |  |  |  |  |
| SPEEDY  Wave: 3 | Var’ name:  W3\_s3\_q0102walkhr\_clean  W3\_s3\_q0102walkmin\_clean  W3\_s3\_q0103cyclehr\_clean  W3\_s3\_q0103cyclemin\_clean  Child reported  Duration of journey when walking or cycling to school | Continuous variable – Duration when walking in minutes per day:  Mean: 24.2  Median: 20  25th percentile: 10  75th percentile: 30  Range: 0, 60  Continuous variable -  Duration when cycling in minutes per day:  Mean: 21.6  Median: 15  25th percentile: 10  75th percentile: 30  Range: 0, 60 |  | Less than 5 minutes (0) | If duration of walking or cycling <=5 | n=19 |
|  | 6-15 minutes (1) | If duration of walking or cycling = 6-15 (inclusive) | n=49 |
|  | More than 15 minutes (2) | If duration of walking or cycling >15 | n=96 |
|  | Missing (999) |  | n=1900 |