



Attachment 2: Variable Source Table

Attachment 2

Variable Sources: Wave 7 Survey

| Scale Name/variable | Source | Question # |
|--|--|------------|
| Demographic Variables | | |
| Highest education completed | Adapted from Project Eat - Neumark-Sztainer D, Story M, Hannan P, Moe J. (2010) | 116 |
| Marital Status | Adapted from NHANES (CDC) | 25 |
| Number of places lived in the past 12 months | Adapted from National Longitudinal Study of Youth | 4 |
| Location of current residence | Adapted from National Longitudinal Study of Youth | 5 |
| Appliances at current residence? | | 9 |
| Restaurant / Cafeteria at current residence | | 10 |
| Length of stay at current residence | | 6 |
| Participant's personal earnings | National Longitudinal Study of Adolescent Health (Add Health) | 3 |
| Household composition | Adapted from HBSC survey (2001/02, 2005/06, 2009/10) | 8 |
| Number of people in current household? | Adapted from National Longitudinal Study of Adolescent Health (Add Health) | 7 |
| Length of stay at previous residence | Adapted from National Longitudinal study of youth | 12 |
| Number of people in previous household? | Adapted from National Longitudinal Study of Adolescent Health (Add Health) | 13 |
| Household composition, previous residence | Adapted from HBSC survey (2001/02, 2005/06, 2009/10) | 11 |
| Who lived in previous household | Adapted from HBSC survey (2001/02, 2005/06, 2009/10) | 14 |
| Children of your own? | Developed for study | 26 |
| Currently pregnant or breast feeding? | Adapted from Project Eat 2010 Neumark-Sztainer D, Wall M, Larson N, Story M, Fulkerson JA, Eisenberg ME, Hannan PJ. (2012) | 27 |
| Current school enrollment status | Developed for study | 1 |
| Level of school expecting to complete | Developed for study | 18 |
| Highest level of school completed | National Longitudinal Study of Adolescent Health (Add Health) | 110 |
| Hours working at a job | Monitoring the Future | 19 |
| Current work status, specific job | Developed for study | 2 |
| Living on or off campus? | Developed for study | 15 |
| Fitness/Recreation center at school? | Developed for study | 16 |
| Fitness/Recreation center at work? | Developed for study | 20a |
| Appliances at work? | Developed for study | 20b |
| Cafeteria at work? | Developed for study | 20c |

| Scale Name/variable | Source | Question # |
|---|--|-------------------|
| Time spent in class? | Developed for study | 17 |
| Recent GPA | Developed for study | 117 |
| Physical Activity/Sedentary Behavior | | |
| Past 7 days | 2011 YRBS questionnaire: Prochaska JJ, Sallis JF, Long B. (2001). | 29 |
| Self Determination Theory -physical activity | Adapted from Ryan, R. M., & Connell, J. P. (1989). | 37 |
| Duration of vigorous physical activity (HOURS) | HBSC surveys 1985/86, 1989/90, 1993/94, 1997/98, 2001/02 (optional) 2005/06, 2009/10 | 30 |
| Planning for physical activity | Luszczynska, A. (2006). | 31 |
| Physical Activity Habit Strength | Verplanken, B., Orbell, S., (2003) | 32 |
| Involvement with organized/ competitive sports | 2009 YRBS questionnaire | 33 |
| Travel time to school/work | Adapted from 1985/86 HBSC optional package and EYHS (Riddoch et al)(2005). | 35a, 35b |
| Mode of transportation to & from school/work | Adapted from 1985/86 HBSC optional package and EYHS (Riddoch et al, 2005). | 36 |
| Time spent on computer/cell phone | Revised from HBSC (1990, 1994, 1998, 2002, 2006, 2010) | 23 |
| Time spent playing video games on computer or game console | HBSC 2002, 2006, 2010 | 21 |
| Time watching TV | Revised from HBSC (1985/86, 1989/90, 1993/94, 1997/98, 2001/02, 2005/06, 2009/10) | 24 |
| Do you have a computer, game console or TV in the room where you sleep? | Adapted from HBSC | 22 |
| Hours spent per day sitting? | Developed for study | 34 |
| Frequency of cell phone use in last 3 months | Developed for study | 75 |
| Frequency of social media use in last 3 months | Developed for study | 76 |
| Hours sleeping on weekdays/weekends | National Longitudinal Study of Adolescent Health (Add Health) | 38 |
| Sleep | | |
| Trouble falling asleep/ staying asleep / waking up | National Longitudinal Study of Adolescent Health (Add Health) | 39 |
| Snoring/stop breathing during sleep | National Longitudinal Study of Adolescent Health (Add Health) | 40 |
| Frequency of feeling sleepy | Developed for study | 41 |
| Frequency of falling asleep unintentionally | Developed for study | 42 |
| Nutrition | | |
| Breakfast | HBSC survey 2002, 2006, 2010 | 43 |
| 7-day Intake | Youth Risk Behavior Survey | 46 |

| Scale Name/variable | Source | Question # |
|---|---|------------|
| Meal time activities/setting | HBSC 2009/2010 | 44 |
| Fast food intake | HBSC (optional) 2001/02, 2005/06, 2009/10 | 48 |
| Activities while snacking | Adapted from Van Den Bulck J and Van Mierlo (2004). | 45 |
| Modified Yale Food Addiction Scale | Flint, AJ, Gearhardt AN, Corbin WR, Brownell KD, Field AE, Rimm EB (2014). Gearhardt, A.N., Corbin, W.R., & Brownell, K.D. (2009). | 47 |
| Mental Health | | |
| Body image | Children's Body Image Scale (CBIS) | 28 |
| Depression | PROMIS pediatric depressive symptoms scale Irwin, D., Stucky, B., Langer, M., Thissen, D., et al. (2010) | 64 |
| Suicide Ideation | Kessler RC, Ustun TB. (2004) | 66-69 |
| Optimism / Pessimism | Life Orientation Test- Revised (LOT-R) Scheier, M. F., Carver, C. S., & Bridges, M. W. (1994). | 56 |
| Happiness | Adapted from Cantril's ladder, also in HBSC Levin, K. A., & Currie, C. (2013). | 57 |
| Physical Health | | |
| Perceived health overall | EAT survey: Idler, E.L. & Benjamin, Y. (1997). HBSC 2002, 2006, 2010 | 58 |
| Perceived weight of self | Adapted from Project Eat 2010 Neumark-Sztainer D, Wall M, Larson N, Story M, Fulkerson JA, Eisenberg ME, Hannan PJ. (2012) | 28 |
| Weight | HBSC surveys 1997/98 (optional package), 2001/02 (mandatory), 2005/06, 2009/10 | 50 |
| Desired Weight | Developed for study | 51 |
| Measured one's weight | Adapted from Project Eat 2010 Neumark-Sztainer D, Wall M, Larson N, Story M, Fulkerson JA, Eisenberg ME, Hannan PJ (2012) | 52 |
| Height | HBSC surveys 1997/98 (optional package), 2001/02 (mandatory), 2005/06, 2009/10 | 49 |
| Dieting | HBSC surveys 1993/94, 1997/98, 2001/02, 2005/06, 2009/10 | 53 |
| General somatic symptoms past 6 months & medication use | <u>Somatic symptoms</u> HBSC 2002, 2006, 2010 | 59 |
| | <u>Medication use:</u> U.S. HBSC survey 2001/02, 2005/06 (added "something else"), 2009/10 | 60 |
| Long term illness: medication effect on school | Optional item used in International HBSC 2005/06 (adapted from Finnish Canadian HBSC 2001/02 national surveys), 2009/10 | 61 |
| | | 62 |
| | | 63 |
| Ways to lose weight | Adapted from Project Eat 2010 Neumark-Sztainer D, Wall M, Larson N, Story M, Fulkerson JA, Eisenberg ME, Hannan PJ. (2012). | 54 |
| Currently trying to lose weight | Adapted from Project Eat 2010 Neumark-Sztainer D, | 55 |

| Scale Name/variable | Source | Question # |
|---|--|---------------|
| | Wall M, Larson N, Story M, Fulkerson JA, Eisenberg ME, Hannan PJ. (2012) | |
| Health Care | | |
| Health insurance | National Longitudinal Study of Adolescent Health (Add Health) | 105 |
| Where health care is received | National Longitudinal Study of Adolescent Health (Add Health) | 106 |
| Access to health care | National Longitudinal Study of Adolescent Health (Add Health) | 107,108,109 |
| Check-ups | National Longitudinal Study of Adolescent Health (Add Health) | 110 |
| Advice | National Longitudinal Study of Adolescent Health (Add Health) | 111, 112, 113 |
| Dental care | National Longitudinal Study of Adolescent Health (Add Health) | 114, 115 |
| Family and Peers | | |
| General family satisfaction | HBSC 2002, 2006 | 65 |
| People with whom use tobacco, alcohol, marijuana and other drugs | National Youth Tobacco Survey, 2006/2009 | 70-74 |
| 5-friends | National Longitudinal Study of Adolescent Health (Add Health) | 89 |
| Peer acceptance of participant's behaviors | Developed for study | 70 |
| Substance Use | | |
| Self-perception as smoker | Biddle BJ, Bank BJ, Anderson DS, et al. (1985) | 79 |
| Smoking cessation attempts | Biddle BJ, Bank BJ, Anderson DS, et al. (1985) | 80 |
| First time drunk | HSBC 1998, 2002, 2005, 2010 | 83 |
| Past 30 day use | HSBC 1986, 1990, 1994, 1998, 2002, 2010 | 81 |
| Binge drinking | Adapted from Monitoring the Future | 82 |
| Largest number of drinks on a single day, frequency | National Epidemiologic Survey on Alcohol and related conditions | 84 |
| Location of alcohol consumption | European School Survey Project on Alcohol & Other Drugs | 85 |
| Consequences of drinking for self Consequences of other's drinking | Harvard School of Public Health College Alcohol Study | 86 87 |
| Past 12 month substance use | HBSC 2002, 2006, 2010 | 88 |

| Scale Name/variable | Source | Question # |
|---|---|--------------------|
| Number of cigarettes smoked on days smoked | National Longitudinal Study of Adolescent Health (Add Health) | 77 |
| Time in between waking up and smoking first cigarette | National Longitudinal Study of Adolescent Health (Add Health) | 78 |
| Pedestrian Safety | | |
| Adapted from the Pedestrian Behavior Scale | Granie, M-A., Pannetier, M., Gueho, L. (2013) | 90 |
| Driving | | |
| License | Checkpoints Simons-Morton BG, Li K, Brooks-Russell A, Ehsani J, Pradhan A, Ouimet MC, Klauer S. (2013) | 91 |
| Amount of driving: days/ mileage | Checkpoints Simons-Morton BG, Li K, Brooks-Russell A, Ehsani J, Pradhan A, Ouimet MC, Klauer S. (2013) | 92 93 |
| Distracted driving | Checkpoints Simons-Morton BG, Li K, Brooks-Russell A, Ehsani J, Pradhan A, Ouimet MC, Klauer S. (2013) | 94 |
| Social media use while driving | Simons-Morton, Li, Brooks-Russell, Ehsani, Pradhan, Ouimet, Klauer, (2013) | 102 |
| Risky driving | Checkpoints Risky Driving Scale (C-RDS) | 95 |
| Ride in a car with someone who used drug / marijuana | Adapted from Youth Risk Behavior Survey | 99, 100, 101 |
| Car crash: Driver Passenger | Youth Risk Behavior Survey | 97, 98 103, 104 |
| Police involvement in illegal driving | Developed for study | 96 |

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