

Active Where?

Individual Item Reliability Statistics
Adolescent Survey (N = 120)

Suggested citation: Joe L, Carlson JA, Sallis JF. Active Where? Individual item reliability statistics adolescent survey.
http://www.drjamesallis.sdsu.edu/Documents/AW_item_reliability_Adolescent.pdf

Section A: Equipment Checklist					
Coding: all missing values recoded as 0					
a) # of working, non-portable electronic devices in home					
b) # of working, non-portable electronic devices in my bedroom					
Item Number	Item Content	Response Option	ICC (95% CI)	Kappa	Percent Agreement
A1a	TVs in home	Fill-in	.795 (.719, .853)		73.5%
A1b	TVs in my bedroom	“	.465 (.313, .594)		94.2%
A2a	VCR or DVD player in home	“	.815 (.745, .854)		87.5%
A2b	VCR or DVD player in my bedroom	“	.869 (.818, .907)		80.0%
A3a	Digital TV recorders in home	“	.358 (.192, .504)		80.0%
A3b	Digital TV recorders in my bedroom	“	.187 (.010, .354)		91.6%
A4a	Music players in home	“	.573 (.440, .682)		-*
A4b	Music players in my bedroom	“	.465 (.278, .569)		62.5%
A5a	Desktop computer with internet access in home	“	.588 (.458, .694)		75.0%
A5b	Desktop computer with internet access in my bedroom	“	.716 (.617, .793)		90.0%
A6a	Desktop computer without internet access in home	“	.514 (.670, .634)		83.3%
A6b	Desktop computer without internet access in my bedroom	“	.775 (.693, .838)		92.5%
A7a	Video game player that hooks up to a TV in home	“	.799 (.724, .856)		78.4%
A7b	Video game player that hooks up to a TV in my bedroom	“	.792 (.714, .850)		87.4%
A8a	Telephone (non-cell phone) in home	“	.636 (.517, .732)		-

* Indicates that there were greater than 10 different types of responses to this question, and a percent agreement was not calculated.

A8b	Telephone (non-cell phone) in my bedroom	“	.784 (.705, .845)		87.4%
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Section A: Equipment Checklist, continued					
# of portable electronic devices I have access to					
Item Number	Item Content	Response Option	ICC	Kappa	Percent Agreement
A9	Music player	Fill in	.384 (.221, .526)		33.4%
A10	Hand held videogame player	“	.763 (.667, .829)		-
A11	Computer with internet access	“	.495 (.347, .619)		63.3%
A12	Computer without internet access	“	.479 (.329, .606)		73.3%
A13	Cell phone	“	.673 (.562, .760)		64.2%

Section B: Stores and other public places in the neighborhood where you live					
Coding: “don’t know” and all other missing values recoded as 5 (31+ min)					
Length of time it would take you to walk from your home to the nearest places listed below					
Item Number	Item Content	Response Option	ICC (95% CI)	Kappa	Percent Agreement
B1_dk5	Convenience/corner store/small grocery store/bodega	1 = 1-5 min 2 = 6-10 min 3 = 11-20 min 4 = 21-30 min 5 = 31+ min	.743 (.651, .813)		45.7%
B2_dk5	Supermarket	“	.772 (.689, .836)		53.4%
B3_dk5	Hardware store	“	.740 (.647, .811)		60.1%
B4_dk5	Fruit/vegetable market	“	.578 (.446, .686)		48.3%
B5_dk5	Laundry or dry cleaners	“	.709 (.607, .788)		50.0%
B6_dk5	Clothing store	“	.617 (.493, .716)		57.9%
B7_dk5	Post office	“	.777 (.695, .839)		54.1%
B8_dk5	Library	“	.774 (.691, .837)		54.2%
B9_dk5	Elementary school	“	.699 (.595, .780)		60.7%
B10_dk5	Middle or high school	“	.637 (.518, .732)		52.5%
B11_dk5	Book store	“	.745 (.654, .815)		66.7%
B12_dk5	Fast food restaurant	“	.629 (.508, .726)		44.1%
B13_dk5	Coffee place	“	.681 (.572, .766)		55.0%
B14_dk5	Bank/credit union	“	.732 (.637, .805)		59.3%
B15_dk5	Non-fast food restaurant	“	.679 (.570, .765)		46.8%

B16_dk5	Video store	“	.754 (.665, .822)		57.5%
B17_dk5	Pharmacy/drug store	“	.747 (.656, .816)		59.2%
B18_dk5	Hairdressers/barber shop	“	.614 (.657, .833)		50.0%
B19_dk5	Any offices/worksites	“	.634 (.514, .730)		55.0%
B20_dk5	Bus, subway or train stop	“	.760 (.673, .826)		65.0%

Section C: Recreation places in your neighborhood					
Coding: “don’t know” and all other missing values recoded as 5 (31+ min)					
Length of time it would take you to walk from your home to the nearest places listed below					
Item Number	Item Content	Response Option	ICC (95% CI)	Kappa	Percent Agreement
C1_dk5	Indoor recreation or exercise facility (public or private)	1 = 1-5 min 2 = 6-10 min 3 = 11-20 min 4 = 21-30 min 5 = 31+ min	.547 (.409, .661)		49.7%
C2_dk5	Beach, lake, river or creek	“	.721 (.622, .797)		67.5%
C3_dk5	Bike/hiking/walking trails, paths	“	.703 (.600, .783)		55.9%
C4_dk5	Basketball court	“	.574 (.441, .682)		49.9%
C5_dk5	Other playing fields/ courts	“	.525 (.383, .643)		40.7%
C6_dk5	YMCA	“	.693 (.588, .776)		72.5%
C7_dk5	Boys and girls club	“	.554 (.417, .667)		69.3%
C8_dk5	Swimming pool	“	.666 (.553, .754)		51.7%
C9_dk5	Walking/ running track	“	.476 (.325, .603)		51.7%
C10_dk5	School with recreation facilities open to the public	“	.600 (.472, .703)		59.3%
C11_dk5	Small public park	“	.610 (.484, .711)		55.8%
C12_dk5	Large public park	“	.693 (.588, .776)		51.7%
C13_dk5	Public playground with equipment	“	.572 (.439, .681)		52.6%
C14_dk5	Public open space (grass or sand/dirt) that is not a park	“	.375 (.211, .518)		51.7%

Section D: Recreation places and sports facilities where you live					
Coding: D1a-D17a: missing values recoded as 0 (never) D1b-D17b: missing values recoded as 0 (no)					
a) How often you are active in these places? b) Do you usually walk or bike to/from there?					
Item Number	Item Content	Response Option	ICC (95% CI)	Kappa	Percent Agreement
D1a	How often active at indoor recreation or exercise facility (public or private)	0 = Never 1 = Once a month or less 2 = Once every other week 3 = Once a week or more	.551 (.414, .664)		59.2%
D1b	Usually walk or bike to/from indoor recreation or exercise facility (public or private)	0 = No 1 = Yes		0.458	
D2a	How often active at beach, lake, river or creek	0 = Never 1 = Once a month or less 2 = Once every other week 3 = Once a week or more	.546 (.408, .660)		57.5%
D2b	Usually walk or bike to/from beach, lake, river or creek	0 = No 1 = Yes		0.565	
D3a	How often active at bike/hiking/walking trails, paths	0 = Never 1 = Once a month or less 2 = Once every other week 3 = Once a week or more	.521 (.378, .640)		60.0%
D3b	Usually walk or bike to/from bike/hiking/walking trails, paths	0 = No 1 = Yes		0.414	
D4a	How often active at basketball court	0 = Never	.583 (.452, .689)		60.0%

		1 = Once a month or less 2 = Once every other week 3 = Once a week or more			
D4b	Usually walk or bike to/from basketball court	0 = No 1 = Yes		0.428	
D5a	How often active at other playing fields/ courts	0 = Never 1 = Once a month or less 2 = Once every other week 3 = Once a week or more	.574 (.441, .682)		54.2%
D5b	Usually walk or bike to/from other playing fields/ courts	0 = No 1 = Yes		0.282	
D6a	How often active at YMCA	0 = Never 1 = Once a month or less 2 = Once every other week 3 = Once a week or more	.582 (.450, .689)		71.6%
D6b	Usually walk or bike to/from YMCA	0 = No 1 = Yes		0.334	
D7a	How often active at boys and girls club	0 = Never 1 = Once a month or less 2 = Once every other week 3 = Once a week or more	.705 (.602, .784)		88.4%
D7b	Usually walk or bike to/from boys and girls club	0 = No 1 = Yes		0.167	
D8a	How often active at swimming pool	0 = Never 1 = Once a month or less 2 = Once every other week 3 = Once a week or more	.661 (.548, .751)		64.9%
D8b	Usually walk or bike to/from swimming	0 = No		0.456	

	pool	1 = Yes			
D9a	How often active at walking/ running track	0 = Never 1 = Once a month or less 2 = Once every other week 3 = Once a week or more	.566 (.432, .676)		56.7%
D9b	Usually walk or bike to/from walking/ running track	0 = No 1 = Yes		.550	
D10a	How often active at school with recreation facilities open to the public	0 = Never 1 = Once a month or less 2 = Once every other week 3 = Once a week or more	.504 (.358, .626)		53.4%
D10b	Usually walk or bike to/from school with recreation facilities open to the public	0 = No 1 = Yes		.493	
D11a	How often active at small public park	0 = Never 1 = Once a month or less 2 = Once every other week 3 = Once a week or more	.416 (.257, .553)		47.5%
D11b	Usually walk or bike to/from small public park	0 = No 1 = Yes		.502	
D12a	How often active at large public park	0 = Never 1 = Once a month or less 2 = Once every other week 3 = Once a week or more	.486 (.337, .611)		49.2%
D12b	Usually walk or bike to/from large public park	0 = No 1 = Yes		.525	
D13a	How often active at public playground with equipment	0 = Never 1 = Once a month or less 2 = Once every other week	.452 (.298, .583)		55.0%

		3 = Once a week or more			
D13b	Usually walk or bike to/from public playground with equipment	0 = No 1 = Yes		.499	
D14a	How often active at public open space (grass or sand/dirt) that is not a park	0 = Never 1 = Once a month or less 2 = Once every other week 3 = Once a week or more	.385 (.222, .527)		50.9%
D14b	Usually walk or bike to/from public open space (grass or sand/dirt) that is not a park	0 = No 1 = Yes		.251	
D15a	How often active at shopping mall, plaza	0 = Never 1 = Once a month or less 2 = Once every other week 3 = Once a week or more	.515 (.371, .635)		56.7%
D15b	Usually walk or bike to/from shopping mall, plaza	0 = No 1 = Yes		.286	
D16a	How often active at friend/ relative's house	0 = Never 1 = Once a month or less 2 = Once every other week 3 = Once a week or more	.413 (.254, .551)		55.0%
D16b	Usually walk or bike to/from friend/ relative's house	0 = No 1 = Yes		.449	
D17a	How often active at place child works	0 = Never 1 = Once a month or less 2 = Once every other week 3 = Once a week or more	.588 (.458, .694)		79.1%
D17b	Usually walk or bike to/from place child works	0 = No 1 = Yes		.397	

Section E: Barriers to walking and biking to the local park					
Coding:					
E1a: missing recoded as 0 (No)					
E1b: missing recoded as 0 (No), only if 1a=yes					
E2-18: missing left as missing					
Item Number	Item Content	Response Option	ICC (95% CI)	Kappa	Percent Agreement
E1a	Is there a park within a 15-minute walk or bike from your home?	0 = No 1 = Yes		.452	
E1b	If yes, do you walk or bike there (alone or with someone)?	0 = No 1 = Yes		.468	
Do you agree or disagree with the following statements: It is difficult for me to walk or bike to the local park (alone or with someone) because...					
E2	There are too many hills along the way	1 = strongly disagree 2 = somewhat disagree 3 = somewhat agree 4 = strongly agree	.531 (.389, .649)		61.3%
E3	There are no sidewalks or bike lanes	“	.490 (.341, .615)		58.8%
E4	The route is boring	“	.320 (.149, .472)		49.9%
E5	The route does not have good lighting	“	.515 (.370, .636)		51.8%
E6	There is too much traffic along the route	“	.490 (.340, .616)		45.3%
E7	There is one or more dangerous crossings	“	.491 (.342, .615)		47.0%
E8	I get too hot and sweaty	“	.499 (.351, .623)		53.4%
E9	No other children walk or bike to this park	“	.403 (.241, .543)		49.9%
E10	It's not considered cool to walk or bike	“	.456 (.301, .588)		60.0%

E11	I have too much stuff to carry	“	.476 (.322, .605)		65.5%
E12	It is easier for me to get a ride here on the way to something else	“	.385 (.221, .528)		44.9%
E13	It involves too much planning ahead	“	.543 (.403, .658)		59.6%
E14	It is unsafe because of crime (strangers, gangs, drugs)	“	.743 (.650, .814)		63.5%
E15	I get bullied, teased, harassed	“	.614 (.488, .714)		80.7%
E16	There is nowhere to leave a bike safely	“	.461 (.307, .591)		49.6%
E17	There are stray dogs	“	.591 (.460, .697)		61.9%
E18	It is too far	“	.652 (.536, .744)		64.8%

Section F: Barriers to walking and biking to shops and restaurants for you					
Coding: F1a: missing recoded as 0 (No) F1b: missing recoded as 0 (No), only if 1a=yes F2-F18: missing left as missing					
Item Number	Item Content	Response Option	ICC (95% CI)	Kappa	Percent Agreement
F1a	Are there shops, restaurants, or food stores within a 15-minute walk or bike from your home?	0 = No 1 = Yes		.355	
F1b	If yes, do you walk or bike there (alone or with someone)	0 = No 1 = Yes		.502	
Do you agree or disagree with the following statements: It is difficult for me to walk or bike to the local stores or restaurants (alone or with someone) because...					
F2	There are too many hills along the way	1 = strongly disagree 2 = somewhat disagree 3 = somewhat agree 4 = strongly agree	.470 (.318, .599)		66.4%
F3	There are no sidewalks or bike lanes	“	.670 (.558, .758)		65.5%
F4	The route is boring	“	.391 (.229, .533)		60.4%
F5	The route does not have good lighting	“	.569 (.434, .679)		62.7%
F6	There is too much traffic along the route	“	.485 (.334, .612)		46.2%
F7	There is one or more dangerous crossings	“	.516 (.371, .638)		45.3%
F8	I get too hot and sweaty	“	.466 (.313, .596)		55.9%
F9	No other children walk or bike to this park	“	.445 (.289, .579)		54.2%
F10	It's not considered cool to walk or bike	“	.376 (.210, .521)		61.5%

F11	I have way too much stuff to carry	“	.438 (.281, .572)		63.8%
F12	It is easier for me to get a ride here on the way to something else	“	.540 (.398, .656)		49.6%
F13	It involves too much planning ahead	“	.568 (.432, .678)		61.0%
F14	It is unsafe because of crime (strangers, gangs, drugs)	“	.677 (.566, .763)		64.6%
F15	I get bullied, teased, harassed	“	.626 (.504, .724)		79.8%
F16	There is nowhere to leave a bike safely	“	.541 (.401, .657)		54.6%
F17	There are stray dogs	“	.601 (.472, .705)		66.1%
F18	It is too far	“	.539 (.399, .655)		55.6%

Section G: Barriers to activity in the local neighborhood					
Coding: missing left as missing					
Do you agree or disagree with the following statements: It is difficult for me to be active in the local park near our home because...					
Item Number	Item Content	Response Option	ICC (95% CI)	Kappa	Percent Agreement
G1	There is not enough space to be active in	1 = strongly disagree 2 = somewhat disagree 3 = somewhat agree 4 = strongly agree	.403 (.242, .543)		66.4%
G2	There is no choice of activities	“	.476 (.324, .603)		50.4%
G3	There is no equipment	“	.440 (.282, .574)		44.1%
G4	There is no adult supervision	“	.466 (.314, .596)		52.9%
G5	There are no other children there	“	.426 (.264, .564)		53.9%
G6	It is not safe because of crime (strangers, gangs, drugs)	“	.633 (.512, .729)		62.2%
G7	I get bullied, teased, harassed	“	.712 (.611, .790)		80.6%
G8	It is not safe because it is close to a road	“	.441 (.284, .574)		62.2%
G9	There are too many people there	“	.391 (.229, .534)		49.9%
G10	It does not have good lighting	“	.353 (.185, .500)		56.3%
G11	It is difficult to get to	“	.307 (.135, .460)		60.5%
Do you agree or disagree with the following statements: It is difficult for me to be active in the local streets, alley ways, cul de sacs because...					
G12	There is not enough space to be active in	1 = strongly disagree	.493 (.342, .619)		44.1%

		2 = somewhat disagree 3 = somewhat agree 4 = strongly agree			
G13	There is no choice of activities	“	.458 (.304, .590)		45.0%
G14	There is no equipment	“	.463 (.309, .593)		44.9%
G15	There is no adult supervision	“	.539 (.398, .655)		52.5%
G16	There are no other children there	“	.485 (.335, .611)		50.4%
G17	It is not safe because of crime (strangers, gangs, drugs)	“	.544 (.404, .659)		55.1%
G18	I get bullied, teased, harassed	“	.729 (.632, .803)		80.6%
G19	It is not safe because of traffic	“	.554 (.417, .667)		61.3%
G20	There are too many people there	“	.571 (.437, .680)		67.1%
G21	There is no good lighting	“	.475 (.323, .603)		55.1%

Section H: Types of homes in your neighborhood					
Coding: missing left as missing					
Thinking about the places where people live in your neighborhood (within a 10-15 minute walk in any direction), how common are the following in your neighborhood:					
Item Number	Item Content	Response Option	ICC (95% CI)	Kappa	Percent Agreement
H1	Separate or stand alone one family homes	1 = none 2 = a few 3 = some 4 = a lot 5 = all residences are separate one family homes	.438 (.280, .573)		54.2%
H2	Connected townhouses or rows of houses	1 = none 2 = a few 3 = some 4 = a lot 5 = all residences are townhouses or row houses	.486 (.335, .613)		48.7%
H3	Multiple family or duplex homes	1 = none 2 = a few 3 = some 4 = a lot 5 = all residences are multiple family/duplex homes	.662 (.547, .753)		51.3%
H4	Apartment or condo buildings	1 = none 2 = a few 3 = some 4 = a lot 5 = all residences are in apartment or condo buildings	.515 (.369, .636)		50.5%

Section I: Access to services					
Coding: missing left as missing					
Circle the answer that best applies to the neighborhood where you live. Local and within walking distance mean within a 10-15 minute walk from your home					
Item Number	Item Content	Response Option	ICC	Kappa	Percent Agreement
I1	Stores are within easy walking distance of our home.	1 = strongly disagree 2 = somewhat disagree 3 = somewhat agree 4 = strongly agree	.580 (.446, .688)		56.8%
I2	Parking is difficult in local shopping areas.	“	.238 (.061, .401)		40.6%
I3	There are many places for me to go (alone or with someone) within easy walking distance of our home.	“	.452 (.297, .584)		42.4%
I4	From my home, it is easy for me to walk (alone or with someone) to a transit stop (bus, subway, train).	“	.649 (.531, .742)		66.1%
I5	The streets in my neighborhood are hilly, making our neighborhood difficult for me to walk in.	“	.519 (.374, .640)		60.8%
I6	There are major barriers to walking in our local area that make it hard for me to get from place to place.	“	.350 (.181, .499)		62.4%

Section J: Streets in my neighborhood					
Coding: missing left as missing					
Circle the answer that best applies to the neighborhood where you live.					
Item Number	Item Content	Response Option	ICC (95% CI)	Kappa	Percent Agreement
J1	The streets in our neighborhood do not have many cul-de-sacs (dead-end streets).	1 = strongly disagree 2 = somewhat disagree 3 = somewhat agree 4 = strongly agree	.542 (.402, .657)		51.2%
J2	The distance between intersections (where streets cross) in our neighborhood is usually short (100 yards or less; the length of a football field or less).	“	.291 (.117, .448)		47.8%
J3	There are many different routes for getting from place to place in our neighborhood. (I don't have to go the same way every time.)	“	.658 (.542, .750)		59.9%

Section K: Places for walking					
Coding: missing left as missing					
Circle the answer that best applies to the neighborhood where you live.					
Item Number	Item Content	Response Option	ICC (95% CI)	Kappa	Percent Agreement
K1	There are sidewalks on most of the streets in our neighborhood.	1 = strongly disagree 2 = somewhat disagree 3 = somewhat agree 4 = strongly agree	.739 (.645, .811)		72.0%
K2	Sidewalks are separated from the road/traffic in our neighborhood by parked cars.	“	.514 (.369, .635)		51.7%
K3	There is grass/dirt between the streets and the sidewalks in our neighborhood	“	.454 (.299, .586)		43.2%

Section L: Neighborhood surroundings					
Coding: missing left as missing					
Circle the answer that best applies to the neighborhood where you live.					
Item Number	Item Content	Response Option	ICC (95% CI)	Kappa	Percent Agreement
L1	There are trees along the streets in my neighborhood.	1 = strongly disagree 2 = somewhat disagree 3 = somewhat agree 4 = strongly agree	.444 (.288, .577)		47.9%
L2	There are many interesting things for me to look at while walking in my neighborhood.	“	.433 (.275, .568)		52.1%
L3	There are many beautiful natural things for me to look at in my neighborhood (e.g. gardens, views).	“	.611 (.486, .712)		52.0%
L4	There are many buildings/homes in my neighborhood that are nice to look at for me.		.504 (.357, .627)		53.7%

Section M. Neighborhood safety					
Coding: missing left as missing					
Circle the answer that best applies to the neighborhood where you live.					
Item Number	Item Content	Response Option	ICC (95% CI)	Kappa	Percent Agreement
M1	There is so much traffic along nearby streets that it makes it difficult or unpleasant for me to walk (alone or with someone) in our neighborhood.	1 = strongly disagree 2 = somewhat disagree 3 = somewhat agree 4 = strongly agree	.407 (.245, .548)		46.1%
M2	The speed of traffic on most nearby streets is usually slow (30 mph or less).	“	.566 (.430, .677)		55.9%
M3	Most drivers go faster than the posted speed limits in our neighborhood.	“	.537 (.395, .654)		49.6%
M4	Our neighborhood streets have good lighting at night.	“	.483 (.332, .609)		49.2%
M5	Walkers and bikers on the streets in our neighborhoods can be easily seen by people in their homes.	“	.335 (.164, .486)		47.0%
M6	There are crosswalks and signals to help walkers cross busy streets in our neighborhood.	“	.449 (.293, .582)		42.3%
M7	When walking in our neighborhood there are a lot of exhaust fumes.	“	.534 (.390, .652)		56.1%
M8	There is a high crime rate in our neighborhood.	“	.735 (.639, .808)		71.0%
M9	The crime rate in our neighborhood makes it unsafe for me to go on walks (alone or with someone) at night.	“	.683 (.574, .769)		61.9%
M10	I am worried about playing outside around my home alone (e.g. yard, driveway, apartment	“	.584 (.451, .691)		59.3%

	common area) because I am afraid of being taken or hurt by a stranger.				
M11	I am worried about being outside with a friend around my home because I am afraid of being taken or hurt by a stranger.	“	.630 (.507, .727)		72.8%
M12	I am worried about playing or walking alone with friends in my neighborhood and local streets because I am afraid of being taken or hurt by a stranger.	“	.575 (.441, .684)		61.9%
M13	I am worried about being alone with friends in a local or nearby park because I am afraid of being taken or hurt by a stranger.	“	.481 (.330, .608)		52.6%

Section N: Weather					
Coding: missing left as missing					
Circle the answer that best applies to the neighborhood where you live.					
Item Number	Item Content	Response Option	ICC (95% CI)	Kappa	Percent Agreement
N1	Bad weather (like rain, snow or cold) often keeps me from being physically active outside.	1 = strongly disagree 2 = somewhat disagree 3 = somewhat agree 4 = strongly agree	.473 (.321, .602)		46.6%
N2	Bad weather often keeps me from biking or walking places.	“	.394 (.231, .536)		45.8%

Section O. Local environment					
Coding: missing values recoded as 0 (never)					
How often are you in the following places?					
Item Number	Item Content	Response Option	ICC (95% CI)	Kappa	Percent Agreement
O1	Inside my home	0 = never 1 = once a month or less 2 = once every other week 3 = once a week or more	.312 (.142, .465)		66.6%
O2	In my yard	“	.649 (.532, .741)		53.3%
O3	In my driveway	“	.614 (.490, .714)		49.1%
O4	At a neighbor’s house, yard or driveway	“	.432 (.276, .567)		55.0%
O4	In a local street, cul de sac (dead end street) or vacant lot	“	.367 (.202, .512)		45.8%

Section P. Home environment					
Coding: missing values recoded as 0 (not available)					
Indicate if you have the following items in your home, yard or apartment complex. If you have them, how often do you use each item?					
Item Number	Item Content	Response Option	ICC (95% CI)	Kappa	Percent Agreement
P1	Bike	0 = not available 1 = available but never use 2 = use once a month or less 3 = use once every other week 4 = use once a week or more	.747 (.656, .817)		62.5%
P2	Basketball hoop	“	.711 (.610, .789)		55.0%
P3	Jump rope	“	.489 (.341, .614)		58.3%
P4	Sports equipment (e.g., balls, racquets, bats, sticks)	“	.678 (.596, .764)		55.9%
P5	Swimming pool	“	.616 (.491, .715)		67.4%
P6	Roller skates, skateboard, scooter	“	.655 (.539, .746)		63.4%
P7	Fixed play equipment (e.g., swing set, play house, jungle gym)	“	.408 (.248, .547)		70.9%
P8	Home aerobic equipment (e.g., treadmill, cycle, crosstrainer, stepper, rower, workout video or audiotapes)	“	.536 (.396, .652)		60.0%
P9	Weight lifting equipment, toning devices (e.g., free weights pull up bars, exercise balls, ankle weights etc)	“	.578 (.446, .686)		57.5%

P10	Water or snow equipment (e.g., skis, skates, canoe, row boat, kayak, surf board, boogie board, windsurf board)	“	.628 (.507, .725)		60.0%
P11	Yoga/ exercise mats	“	.465 (.312, .594)		75.8%
P12	Exercise, play or rec room	“	.429 (.272, .564)		68.4%
P13	Trampoline	“	.586 (.455, .692)		80.9%
P14	Stairs	“	.687 (.580, .771)		72.5%

Section Q. Physical Activity					
Coding: missing left as missing					
Add up the time you spend in physical activity each day (do not include school physical education or gym class). Circle the answer that best applies to you.					
Item Number	Item Content	Response Option	ICC (95% CI)	Kappa	Percent Agreement
Q1	For the past seven days, how many days are you physically active for a total of at least 60 minutes per day?	0 = 0 days 1 = 1 day 2 = 2 days 3 = 3 days 4 = 4 days 5 = 5 days 6 = 6 days 7 = 7 days	.571 (.437, .681)		34.5%
Q2	Over a typical or usual week on how many days are you physically active for a total of at least 60 minutes per day?	“	.588 (.457, .694)		41.9%
Q3	Outside of school, how many days per week do you play or practice team sports?	“	.645 (.526, .739)		55.0%
Q4	Outside of school, how many days per week do you have activity training or instruction not in a team sport (e.g., martial arts, dance, tennis)?	“	.374 (.209, .518)		61.4%
Q5	How many days per week do you have gym or Phys Ed class at school?	“	.764 (.677, .829)		71.2%
Q6	On average how long is each PE period?	Minutes per class Don't know	.864 (.790, .913)		- [†]
Q7	Do you have a dog at home?	0 = No 1 = Yes		0.932	

[†] Indicates that there were greater than 10 different types of responses to this question, and a percent agreement was not calculated.

Q7a	If you answered yes how much time did you child spend walking your dog last week?	Fill in	-- [‡]		--
Q8	Do you have a family membership to a health club or gym?	0 = No 1 = Yes		0.562	
Q9	Do you have a family membership to a public, private, or community pool?	0 = No 1 = Yes		0.639	

[‡] Indicates that the majority of responses to this question were missing.

Section R. Sedentary Behavior					
Coding: missing left as missing					
Weekdays: How much time on a typical week day do you do the following activities when you are mostly sitting and not moving around. Do not include time when you are in school during regular hours.					
Item Number	Item Content	Response Option	ICC (95% CI)	Kappa	Percent Agreement
R1	Watching television/videos/DVDs	0 = None 1 = 15 min 2 = 30 min 3 = 1 hour 4 = 2 hours 5 = 3 hours 6 = 4 hours or more	.654 (.537, .746)		43.1%
R2	Playing computer or video games (like Nintendo or xbox)	“	.552 (.413, .666)		43.1%
R3	Using the internet, emailing or other electronic media for leisure	“	.649 (.531, .742)		40.7%
R4	Doing homework (including reading, writing, or using the computer)	“	.511 (.364, .633)		35.1%
R5	Sitting listening to music (on radio, CD, tape, MP3, iPod, etc.)	“	.590 (.457, .697)		31.2%
R6	Sitting talking on the telephone or texting	“	.694 (.588, .777)		44.9%
R7	Sitting/hanging out/talking with friends or family	“	.327 (.156, .480)		29.1%
R8	Reading a book or magazine NOT for school (including comic books)	“	.492 (.343, .618)		43.2%
R9	Doing inactive hobbies (music, art, crafts, clubs, going to movies, etc.)	“	.319 (.147, .472)		34.2%
R10	Sitting at work	“	.345 (-.097, .687)		47.5%

R11	Riding or driving in a car	“	.456 (.300, .588)		33.3%
Weekends:					
How much time on a typical weekend day do you do the following activities when you are mostly sitting and not moving around. Do not include time when you are in school during regular hours.					
Item Number	Item Content	Response Option	ICC	Kappa	Percent Agreement
R12	Watching television/videos/DVDs	0 = None 1 = 15 min 2 = 30 min 3 = 1 hour 4 = 2 hours 5 = 3 hours 6 = 4 hours or more	.527 (.385, .645)		46.1%
R13	Playing computer or video games (like Nintendo or xbox)	“	.501 (.354, .624)		41.0%
R14	Using the internet, emailing or other electronic media for leisure	“	.641 (.521, .736)		37.5%
R15	Doing homework (including reading, writing, or using the computer)	“	.642 (.523, .737)		42.3%
R16	Sitting listening to music (on radio, CD, tape, MP3, iPod, etc.)	“	.650 (.533, .743)		41.2%
R17	Sitting talking on the telephone or texting	“	.706 (.603, .786)		41.4%
R18	Sitting/hanging out/talking with friends or family	“	.446 (.290, .580)		31.2%
R19	Reading a book or magazine NOT for school (including comic books)	“	.489 (.341, .614)		36.7%
R20	Doing inactive hobbies (music, art, crafts, clubs, going to movies, etc.)	“	.300 (.127, .455)		30.3%
R21	Sitting at work	“	.711 (.399, .877)		73.7%
R22	Riding or driving in a car	“	.511 (.365, .633)		39.9%

R23	Do you do regular paid or volunteer work?	0 = No 1 = Yes		0.483	
R23a	If yes, how many days per week do you work?	Continuous response	-- [§]		--
R23b	If yes, how many hours per day do you usually work?	Continuous response	--		--

[§] Indicates that the majority of responses to this question were missing.

Section S. Rules					
Coding: missing values recoded as 0 (no)					
Rules for playing outside:					
Does you parent or another parent/guardian have the following rules for you, regardless of how often you are told the rule?					
Item Number	Item Content	Response Option	ICC (95% CI)	Kappa	Percent Agreement
S1r	Stay close to or within sight of the house/parent	0 = No 0.5 = Sometimes 1 = Yes	.581 (.449, .688)		64.1%
S2r	Do not go into the street	“	.543 (.405, .658)		69.9%
S3r	Come in before dark	“	.562 (.427, .673)		63.3%
S4r	Do not fight or play rough games	“	.238 (.062, .399)		50.0%
S5r	Do not climb walls, trees or fences	“	.461 (.308, .591)		65.9%
S6r	Do not go places alone	“	.316 (.146, .468)		54.1%
S7r	Stay within the neighborhood	“	.707 (.605, .786)		70.0%
S8r	Do not ride bike on the street	“	.342 (.174, .490)		65.9%
S9r	Wear a bike helmet	“	.617 (.493, .716)		75.9%
S10r	Wear protective clothing (e.g. knee pads)	“	.273 (.100, .431)		66.7%
S11r	Do not cross busy streets	“	.447 (.293, .579)		60.9%
S12r	Carry a cell phone	“	.609 (.483, .710)		72.5%
S13r	Avoid strangers	“	.461 (.308, .591)		76.6%
S14r	Do homework before going out	“	.534 (.393, .650)		66.7%
S15r	Watch out for cars	“	.394 (.232, .534)		78.3%
S16r	Check in frequently	“	.098 (-.081, .272)		61.7%

S17r	Stay on paths, trails or sidewalk	“	.360 (.194, .505)		57.4%
S18r	Wear hat and/or sunscreen in the summer	“	.591 (.462, .696)		65.9%
Rules for TV and Related Behaviors:					
Does your parent or another parent/guardian have the following rules for you, regardless of how often you are told the rule?					
Item Number	Item Content	Response Option	ICC	Kappa	Percent Agreement
S19r	Not too much TV/DVDs	0 = No 0.5 = Sometimes 1 = Yes	.512 (.367, .632)		60.0%
S20r	No TV/DVD before homework	“	.501 (.354, .624)		60.8%
S21r	No TV/DVD while doing homework	“	.598 (.470, .701)		67.5%
S22r	Less than 2 hours TV/DVD per day	“	.529 (.387, .646)		62.5%
S23r	No computer before homework	“	.602 (.475, .705)		70.1%
S24r	Only 1 hour computer per day	“	.495 (.347, .618)		73.3%
S25r	No internet without permission	“	.502 (.356, .625)		74.1%
S26r	No TV/computer unless exercised first	“	.200 (.023, .366)		85.0%
Rules for Eating:					
Does your parent or another parent/guardian have the following rules for you, regardless of how often you are told the rule?					
Item Number	Item Content	Response Option	ICC (95% CI)	Kappa	Percent Agreement
S27r	No second helpings at meals	0 = No 0.5 = Sometimes 1 = Yes	.256 (.081, .415)		82.5%
S28r	Limited portion size at meals	“	.449 (.294, .581)		77.5%
S29r	No dessert until plate is cleaned	“	.528 (.386, .645)		68.3%
S30r	No desserts except fruit	“	.441 (.285, .574)		83.3%

S31r	No meals while watching TV/DVDs	“	.591 (.461, .696)		74.1%
S32r	No snacking while watching TV/DVDs	“	.653 (.537, .745)		83.3%
S33r	No sweet snacks	“	.468 (.316, .596)		80.0%
S34r	No fried snacks at home (such as potato chips)	“	.448 (.293, .580)		76.6%
S35r	Must help with meal preparation at home	“	.572 (.438, .681)		65.8%
S36r	Must help with clean-up after meals at home	“	.359 (.193, .505)		60.0%
S37r	Must eat dinner with family	“	.684 (.577, .769)		73.3%
S38r	Limited fast food	“	.627 (.506, .725)		65.8%

Section T. Food					
Coding: T1-2: missing values recoded as 0 (none) T3-19: missing left as missing					
In a typical day, how many servings of the following do you eat?					
Item Number	Item Content	Response Option	ICC (95% CI)	Kappa	Percent Agreement
T1	Fruit (not including fruit punch, lemonade, Gatorade, Sunny Delight or fruit drink)	0 = none 1 = 1 serving 2 = 2 servings 3 = 3 servings 4 = 4 + servings	.513 (.369, .634)		38.3%
T2	Vegetables (not including French fries, onion rings, potato chips, or fried okra)	“	.510 (.365, .631)		49.1%
How often are the following food items available in your home?					
Item Number	Item Content	Response Option	ICC (95% CI)	Kappa	Percent Agreement
T3	Chocolate candy	0 = never 1 = rarely 2 = sometimes 3 = frequently 4 = always	.627 (.504, .724)		49.5%
T4	Other candy	“	.596 (.465, .701)		47.0%
T5	Raw fruit (e.g. apples, oranges)	“	.346 (.176, .495)		46.1%
T6	Cakes, brownies, muffins or cookies	“	.320 (.148, .473)		41.0%
T7	Regular chips	“	.531 (.389, .649)		43.8%

T8	Baked chips	“	.454 (.299, .585)		44.5%
T9	Raw vegetables (e.g. carrots)	“	.500 (.354, .623)		45.1%
T10	100% fruit juice	“	.618 (.493, .717)		46.9%
T11	Juice drinks (e.g. Snapple, Sunny delight)	“	.596 (.467, .701)		44.5%
T12	Regular sodas with sugar	“	.655 (.539, .746)		44.6%
T13	Diet or sugar free sodas	“	.661 (.547, .752)		49.2%
T14	Sports drinks (e.g. Gatorade)	“	.624 (.502, .723)		44.6%
T15	Regular or 2% milk	“	.607 (.477, .710)		51.3%
T16	1% or fat-free milk	“	.653 (.537, .744)		54.0%
T17	Sweetened breakfast cereal	“	.590 (.461, .696)		44.1%
T18	Unsweetened breakfast cereal	“	.361 (.195, .507)		38.4%

Section U. Physical activity and your school					
Coding: U1: missing values recoded to 1 (yes) U2a-c; U3a-c: missing values recoded to 0 U4-10: missing left as missing U11_final-13_final: see “Response option” for recoded values U14r-21r: missing values and don’t know recoded as 0 (no) U22-23: missing values recoded as 0 (no)					
Item Number	Item Content	Response Option	ICC	Kappa	Percent Agreement
U1	Do you go to school outside your home?	0 = No 1 = Yes		.792	
U1a	What is the name of the school?	NA			
U1b	What is the address of the school?	NA			
How many days do you use the following modes of transportation to get to and from school?					
Item Number	Item Content	Response Option	ICC (95% CI)	Kappa	Percent Agreement
U2a	Walk to school	0 – 5 days	.510 (.365, .631)		74.2%
U2b	Bicycle to school	“	.818 (.749, .870)		95.0%
U2c	Go by car or bus to school	“	.718 (.619, .795)		85.8%
U3a	Walk from school	“	.599 (.472, .703)		73.2%
U3b	Bicycle from school	“	.842 (.781, .887)		94.1%
U3c	Go by car or bus from school	“	.676 (.565, .762)		71.7%
How much do you agree/ disagree with each of the following statements?					

Item Number	Item Content	Response Option	ICC (95% CI)	Kappa	Percent Agreement
U4	Other kids my age walk or bike to school by themselves.	1= strongly disagree 2 = somewhat disagree 3 = somewhat agree 4 = strongly agree	.443 (.284, .579)		51.7%
U5	Other kids my age talk or bike to school with a parent or other adult	“	.236 (.056, .401)		61.4%
U6	Other kids my age think walking or biking to school is “cool”	“	.496 (.344, .623)		46.9%
U7	At my school, the older kids think walking or biking to school is “cool”	“	.304 (.126, .463)		45.9%
U8	I enjoy walking or biking to school	“	.686 (.574, .772)		55.8%
U9	I enjoy walking or biking to school with friends	“	.490 (.336, .618)		48.7%
U10	I enjoy enjoys walking or biking to school with a parent or other adult	“	.674 (.560, .763)		69.3%
Answer the following questions about your school					
Item Number	Item Content	Response Option	ICC (95% CI)	Kappa	Percent Agreement
U11_final	How often does your school have supervised physical activities after school?	1 = never, don't know or missing 2 = rarely 3 = sometimes 4 = frequently 5 = always	.266 (.092, .424)		45.8%
U12_final	How often does your school allow students to use play areas or fields after school?	“	.571 (.437, .680)		50.0%
U13_final	How often does your school allow students to use play areas or fields after lunch?	“	.544 (.405, .658)		60.8%

Do you have any of these at school?					
Item Number	Item Content	Response Option	ICC (95% CI)	Kappa	Percent Agreement
U14r	Basketball hoops	0 = no or don't know 1 = yes	.483 (.333, .609)		85.9%
U15r	Soccer goal posts	“	.545 (.406, .659)		78.3%
U16r	Basketball backstop	“	.526 (.383, .644)		76.6%
U17r	Playground markings	“	.423 (.265, .559)		75.8%
U18r	Things to climb up	“	.541 (.402, .656)		82.5%
U19r	Running/walking track	“	.602 (.475, .705)		80.8%
U20r	Weight lifting machines	“	.676 (.566, .762)		84.1%
U21r	Indoor exercise machines such as treadmills/ stair climbers	“	.613 (.488, .713)		80.9%
Answer the following questions about your school					
Item Number	Item Content	Response Option	ICC (95% CI)	Kappa	Percent Agreement
U22	In the past school year, has your child had homework assignments trying to increase the amount of physical activity your child does?	0 = no 1 = yes		.291	
U23	In the past school year, has your child had homework assignments trying to decrease the amount of TV your child watches?	“		.332	

Section V. Barriers to walking and biking to school for you					
Coding: V1a-1b: missing values recoded as 0 (No) V2-18: missing left as missing					
Item Number	Item Content	Response Option	ICC (95% CI)	Kappa	Percent Agreement
V1a	Is your child's school within a 30 minute walk or bike from your home?	0 = No 1 = Yes		.612	
V1b	Does your child walk or bike to school, either alone or with someone (at least once a week)?	“		.674	
Do you agree/disagree with the following statements: It is difficult for me to walk or bike to school (alone or with someone) because ...					
Item Number	Item Content	Response Option	ICC (95% CI)	Kappa	Percent Agreement
V2	There are too many hills along the way	1 = strongly disagree 2 = somewhat disagree 3 = somewhat agree 4 = strongly agree	.494 (.340, .623)		55.8%
V3	There are no sidewalks or bike lanes	“	.584 (.447, .694)		62.1%
V4	The route is boring	“	.375 (.204, .524)		48.6%
V5	The route does not have good lighting	“	.488 (.333, .618)		55.4%
V6	There is too much traffic along the route	“	.601 (.468, .708)		55.8%
V7	There is one or more dangerous crossings	“	.606 (.474, .711)		56.7%
V8	I get too hot and sweaty	“	.451 (.289, .588)		50.9%

V9	No other children walk or bike to school	“	.499 (.345, .627)		46.4%
V10	It's not considered cool to walk or bike	“	.518 (.369, .642)		61.2%
V11	I have too much stuff to carry	“	.585 (.449, .695)		51.3%
V12	It is easier for someone to drive me here on the way to something else	“	.434 (.270, .574)		57.3%
V13	It involves too much planning ahead	“	.456 (.295, .591)		57.6%
V14	It is unsafe because of crime (strangers, gangs, drugs)	“	.478 (.321, .609)		60.3%
V15	I get bullied, teased, harassed	“	.547 (.403, .665)		74.8%
V16	There is nowhere to leave a bike safely	“	.492 (.335, .622)		64.7%
V17	There are stray dogs	“	.638 (.514, .736)		68.5%
V18	It is too far	“	.772 (.685, .838)		72.0%

Section W: Food and your school					
Coding:					
W1: missing values recoded as 0 (no)					
W2: missing values recoded as 0 (never)					
W3-10; W3a-10a: missing left as missing					
W11-15; W11a-15a; W19-20; W19a-20a: missing left as missing					
W16r-18r: “don’t know” and missing values recoded to 0 (no)					
Circle the answer that best applies to you and your school					
Item Number	Item Content	Response Option	ICC (95% CI)	Kappa	Percent Agreement
W1	In the past school year, have you had homework and assignments trying to improve your eating habits, such as eating more fruits and vegetables or drinking fewer sugary drinks?	0 = no 1 = yes		.283	
W2	How often does your school send home information about the nutritional content of the foods offered at school?	0 = never 1 = rarely 2 = sometimes 3 = frequently 4 = always	.337 (.169, .486)		55.9%
W3	Are there food vending machines at your school?	0 = no 1 = yes		.767	
W3a	If yes, how many days per week do you use them?	0 = 0 days 1 = 1day 2 = 2 days 3 = 3 days 4 = 4 days 5 = 5 days	.474 (.275, .633)		43.7%
W4	Are there food vending machines at your school that offer only “healthy” foods, including fruit?	0 = no 1 = yes		.434	
W4a	If yes, how many days per week do you use them?	0 = 0 days 1 = 1day	.390 (-.186, .773)		41.7%

		2 = 2 days 3 = 3 days 4 = 4 days 5 = 5 days			
W5	Are there drink vending machines at your school?	0 = no 1 = yes		.725	
W5a	If yes, how many days per week do you use them?	0 = 0 days 1 = 1day 2 = 2 days 3 = 3 days 4 = 4 days 5 = 5 days	.522 (.336, .668)		49.3%
W6	Are there drink machines at your school that offer only “healthy” drinks, including water and 100% fruit juice?	0 = no 1 = yes		.533	
W6a	If yes, how many days per week do you use them?	0 = 0 days 1 = 1day 2 = 2 days 3 = 3 days 4 = 4 days 5 = 5 days	.422 (.180, .616)		41.7%
W7	Is there usually a salad bar at you school?	0 = no 1 = yes		.568	
W7a	If yes, how many days per week do you eat there?	0 = 0 days 1 = 1day 2 = 2 days 3 = 3 days 4 = 4 days 5 = 5 days	.133 (-.165, .410)		47.8%
W8	Are there carts to buy food at your school outside of the regular lunch line?	0 = no 1 = yes		.570	
W8a	If yes, how many days per week do you eat there?	0 = 0 days 1 = 1day	.793 (.655, .881)		62.2%

		2 = 2 days 3 = 3 days 4 = 4 days 5 = 5 days			
W9	Are name-brand fast foods served at your school (like Pizza Hut or Taco Bell)?	0 = no 1 = yes		.694	
W9a	If yes, how many days per week do you eat there?	0 = 0 days 1 = 1 day 2 = 2 days 3 = 3 days 4 = 4 days 5 = 5 days	.688 (.477, .824)		65.7%
W10	Is there a student store at your school that sells food?	0 = no 1 = yes		.699	
W10a	If yes, how many days per week do you eat there?	0 = 0 days 1 = 1 day 2 = 2 days 3 = 3 days 4 = 4 days 5 = 5 days	.688 (.477, .824)		42.2%
W11	Is it permitted for you to go off-campus during lunch time?	0 = no 1 = yes		.742	
W11a	How many days per week do you eat off-campus?	0 = 0 days 1 = 1 day 2 = 2 days 3 = 3 days 4 = 4 days 5 = 5 days	.732 (.485, .872)		68.0%
W12	How often do clubs or other groups sell candy at your school?	“	.619 (.491, .721)		48.6%
W13	How many days do you typically eat breakfast at school?	“	.649 (.527, .744)		89.5%
W14	How many days do you typically get lunch in the	“	.831 (.764, .881)		68.8%

	cafeteria line?				
W15	How many days do you typically bring lunch from home?	“	.736 (.639, .809)		67.8%
W16r	Is there a fruit and vegetable market within a 5-minute walk from your school?	0 = no 1 = yes		.415	
W17r	Is there a convenience store/ corner shop/ bodega within a 5-minute walk from your school?	“		.515	
W18r	Is there a fast food restaurant within a 5-minute walk from your school?	“		.550	
W19	During a normal school week, how many days per week do you get lunch off campus at a fast food restaurant?	0 = 0 days 1 = 1 day 2 = 2 days 3 = 3 days 4 = 4 days 5 = 5 days	.503 (.354, .628)		71.3%
W20	During a normal school week, how many days per week do you get lunch off campus at a convenience store?	“	.550 (.409, .665)		76.4%