

<b>Supplemental Table 1. Demographic and Physical Activity Characteristics of Adolescents Overall and by Neighborhood Density Factor and Neighborhood Age Factor</b>											
<b>Demographics (n=1183)</b>	<b>n (%)</b>	<b>Neighborhood Density, n(%) /Mean[SD]</b>					<b>Neighborhood Age, n(%) /Mean[SD]</b>				
		<b>Low (n=392)</b>	<b>Medium (n=435)</b>	<b>High (n=356)</b>	<b>X<sup>2</sup></b>	<b>P</b>	<b>Low (n=355)</b>	<b>Medium (n=408)</b>	<b>High (n=420)</b>	<b>X<sup>2</sup></b>	<b>P</b>
<b>Sex</b>					4.6	0.10				0.2	0.91
Male	593 (50.1)	209 (53.3)	222 (51.0)	162 (45.5)			177 (49.9)	202 (49.5)	214 (51.0)		
Female	590 (49.9)	183 (46.7)	213 (49.0)	194 (54.5)			178 (50.1)	206 (50.5)	206 (49.0)		
<b>Age</b>					0.4	0.81				2.0	0.38
12-14 years	583 (49.3)	199 (50.8)	212 (48.7)	172 (48.4)			178 (50.2)	190 (46.6)	215 (51.2)		
15-17 years	600 (50.7)	193 (49.3)	223 (51.3)	184 (51.6)			177 (49.8)	218 (53.4)	205 (48.8)		
<b>Race/Ethnicity</b>					41.9	<.0001				15.6	0.003
White	767 (64.8)	280 (71.4)	302 (69.4)	185 (52.0)			219 (61.7)	292 (71.6)	256 (61.0)		
Hispanic	123 (10.4)	40 (10.2)	41 (9.4)	42 (11.8)			45 (12.7)	33 (8.1)	45 (10.7)		
Black or African American	187 (15.8)	43 (11.0)	59 (13.6)	85 (23.9)			56 (15.8)	46 (11.3)	85 (20.2)		
Other	106 (9.0)	29 (7.4)	33 (7.6)	44 (12.4)			35 (9.9)	37 (9.1)	34 (8.1)		
<b>Weight Status</b>					0.4	0.82				7.5	0.02
Underweight & Healthy	864 (73.0)	286 (73.0)	314 (72.2)	264 (74.2)			278 (78.3)	292 (71.6)	294 (70.0)		
Overweight & Obese	319 (27.0)	106 (27.0)	121 (27.8)	92 (25.8)			77 (21.7)	116 (28.4)	126 (30.0)		
<b>Urban/Rural category - school</b>					261.8	<.0001				68.2	<.001
City	327 (27.6)	35 (8.9)	103 (23.7)	189 (53.1)			78 (22.0)	97 (23.8)	152 (36.2)		
Suburb	510 (43.1)	216 (55.1)	178 (40.9)	116 (32.6)			200 (56.3)	162 (39.7)	148 (35.2)		
Town	133 (11.2)	19 (4.8)	78 (17.9)	36 (10.1)			16 (4.5)	56 (13.7)	61 (14.5)		
Rural	213 (18.0)	122 (31.1)	76 (17.5)	15 (4.2)			61 (17.2)	93 (22.8)	59 (14.0)		
<b>MVPA</b>	<b>Mean [SD]</b>	<b>Low (n=392)</b>	<b>Medium (n=435)</b>	<b>High (n=356)</b>	<b>F</b>	<b>P</b>	<b>Low (n=355)</b>	<b>Medium (n=408)</b>	<b>High (n=420)</b>	<b>F</b>	<b>P</b>
<b>School-related</b>	289 [53.0]	281 [60.9]	279 [63.1]	288 [66.9]	1.9	0.2	283 [60.0]	277 [63.6]	287 [66.2]	2.7	0.1

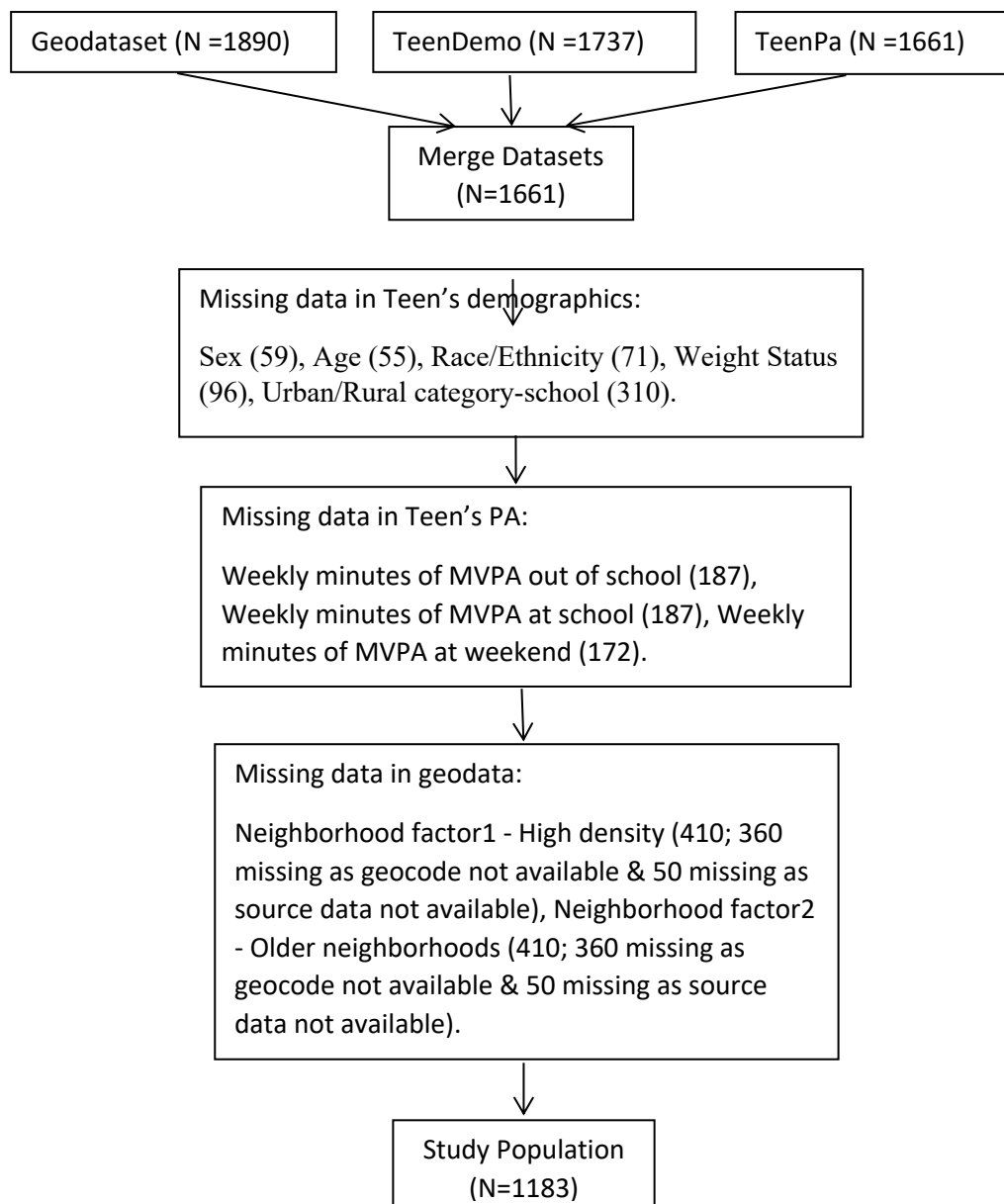
Abbreviations: standard deviation (SD), moderate to vigorous physical activity (MVPA).

<sup>a</sup> missing values: Sex (n=59), Age (n=55), Race/Ethnicity (n=71), Weight Status (n=96), Urban/Rural category-school (n=310).

<sup>b</sup> Underweight was defined as adolescent BMI percentile <5.00, healthy weight was defined as adolescent BMI percentile ≥5.00 and ≤84.99, overweight was defined as adolescent BMI percentile ≥85.00 and ≤94.99, Obese was defined as adolescent BMI percentile ≥95.00.

<sup>c</sup> Urban/rural environment of the school from Census 2010 data categorized using the National Center for Education Statistics (NCES).

<sup>d</sup> missing values: Weekly minutes of MVPA out of school (n=187), Weekly minutes of MVPA at school (n=187), Weekly minutes of MVPA at weekend (n=172).



**Supplementary Figure 1.** Data collection and study participant inclusion details.

