

SUPPLEMENTARY MATERIAL 1

EXAMPLE OF DESCRIPTORS USED DURING THE DATABASE SEARCHING.

Number	Groups	Descriptors
#1	Physical activity (outcome)	((("physical activity" [Text Word] OR "motor activity" [MeSH Terms] OR "physical exercise" [Text Word] OR exercise [MeSH Terms] OR "exercise program" [Text Word] OR sports [MeSH Terms] OR sport* [Text Word] OR "leisure activit*" [Text Word] OR recreation* [Text Word]))
#2	Population (young people)	((youth [Text Word] OR teenage [Text Word] OR adolescent [MeSH Terms] OR adolescen* [Text Word] OR students [MeSH Terms] OR student* [Text Word] OR children [Text Word] OR "young people" [Text Word]))
#3	Evaluation methods	((("self-report" OR checklist OR recall OR 24h OR interviews OR questionnaire OR diary OR assessment OR survey OR measurement OR acceleromet* OR pedomet* OR inclinomet* OR (objectiv* AND measur*) OR (direct* AND measure*)))
#4	Context (country)	(Brazil* OR Brazilian)
Final search		#1 AND #2 AND #3 AND #4

SUPPLEMENTARY MATERIAL 2

Description of the studies on the global physical activity among Brazilian children and adolescents (Report Card Brazil 3.0, 4.0, and 5.0)

Reference	Local	Sample type	Sample (% of girls)	Age (years)	Instrument	Mode of administration; recall time
Report card 3.0						
Abreu and Caiaffa ¹	National	Population-based	7169 (54.2)	15-24	IPAQ	Self-reported; PR-W
Alves Júnior et al. ^{a 2}	São José, SC	School-based	820 (56.0)	14-17	Undefined Questionnaire	Uninformed; PR-W
Andaki et al. ³	Viçosa, MG	School-based	187 (56.7)	9.9	Undefined Questionnaire	Self-reported; PR-W
Andrade Neto et al. ⁴	Santa Maria de Jetibá, ES Vitória, ES	School-based	1770 (55.1)	7-10	Undefined Questionnaire (V)	Not Described
Arruda and Lopes ⁵	Lages, SC	School-based	1024 (0)	10-17	Bouchard diary adapted	Self-reported
Barros et al. ⁶	Recife, PE	School-based	3764 (59.5)	14-19	GSHS	Self-reported; PR-W
Bastos, Araújo, and Hallal ⁷	Pelotas, RS	School-based	857 (52)	10-19	Undefined Questionnaire (V)	Not Described
Beck et al. ⁸	Três de Maio, RS	School-based	660 (52)	14-19	Undefined Questionnaire	Not Described
Bergmann et al. ^{b 9}	Uruguaiana, RS	School-based	1455 (50.9)	10-17	PAQ-C and PAQ-A	Self-reported; PR-W
Campos et al. ¹⁰	Curitiba, PR	School-based	497 (47.6)	14-19	Undefined Questionnaire	Self-reported; HA-W
Carvalho et al. ¹¹	Nordeste	School-based	421 (59.6)	9-19	IPAQ	Self-reported; PR-W
Cavalcanti et al. ^{c 12}	Recife, PE	School-based	4138 (59.8)	14-19	GSHS	Not Described
Ceschini, Andrade, and Figueira Júnior ¹³	São Paulo, SP	School-based	1844 (46.5)	15-20	IPAQ	Self-reported; PR-W
Ceschini et al. ¹⁴	São Paulo, SP	School-based	3845 (52.6)	14-19	IPAQ	Self-reported; PR-W
Coelho et al. ¹⁵	Ouro Preto, MG	School-based	661 (47.8)	10-14	Undefined Questionnaire	Not Described
Cureau et al. ¹⁶	Santa Maria, RS	School-based	1132 (53.9)	14-19	Undefined Questionnaire	Not Described
Dambros, Lopes, and Santos ¹⁷	Santa Maria, RS	School-based	450 (45.3)	14-18	Undefined Questionnaire (V)	Not Described
Dumith et al. ¹⁸	Caracol, PI	School-based	1112 (53.3)	13-19	Undefined Questionnaire	Self-reported; HA-W
Farias Júnior ¹⁹	Florianópolis, SC	School-based	1949 (50.6)	12-18	Bouchard diary adapted	Self-reported; 3 days

Farias Júnior ²⁰	João Pessoa, PB	School-based	2566 (55.9)	14- 18	Undefined Questionnaire (V)	Self-reported; PR-W
Farias Júnior et al. ^{e 21}	Santa Catarina	School-based	5028 (59.3)	15-19	GSHS	Self-reported; HA-W
Farias Júnior et al. ^{g 22}	João Pessoa, PB	School-based	2874 (57.8)	14-19	GSHS	Self-reported; PR-W
Farias Júnior et al. ^{g 23}	João Pessoa, PB	School-based	2874 (57.8)	14-19	Undefined Questionnaire	Not Described
FariasJúnior et al. ^{g 24}	João Pessoa, PB	School-based	2859 (57.8)	14-19	PACE and QAFA	Self-reported; PR-W
Farias Júnior, Reis, and Hallal ^{g 25}	João Pessoa, PB	School-based	2859 (57.8)	16.5	Undefined Questionnaire	Self-reported; PR-D
Fermino et al. ^{h 26}	Curitiba, PR	School-based	1518 (59.2)	14-18	Undefined Questionnaire	Self-reported; HA-W
Freire et al. ²⁷	Montes Claros, MG	School-based	763 (48.2)	15-19	Undefined Questionnaire	Self-reported
Guilherme et al. ²⁸	Paranavaí, PR	School-based	566 (49.3)	10-14	GSHS	Not Described
Hallal et al. ^{d 29}	National	School-based	60.973	13-15	GSHS	Self-reported; PR-W
Leão et al. ^{f 30}	Aracajú, SE	School-based	2030 (63.2)	13-18	Undefined Questionnaire (V)	Not Described
Legnani et al. ³¹	Foz do Iguaçu, PR	School-based	453 (59)	15-18	GSHS	Not Described
Leites, Bastos, and Bastos ³²	Porto Alegre, RS	School-based	967 (49.6)	10-19	Undefined Questionnaire	Not Described
Lima et al. ^{h 33}	Curitiba, PR	School-based	1474 (59)	14-18	Undefined Questionnaire	Not Described
Lima and Silva ^{a 34}	São José, SC	School-based	1103 (54.5)	14-19	GSHS	Self-reported; PR-W
Loch ^{e 35}	Santa Catarina	School-based	5083 (59.4)	15-19	Undefined Questionnaire (V)	Not Described
Lucena et al. ^{g 36}	João Pessoa, PB	School-based	2874 (57.8)	14-19	Undefined Questionnaire (V)	Self-reported; PR-W
Malta et al. ^{d 37}	National	School-based	60.973 (53.3)	13-14	Undefined Questionnaire	Not Described
Malta et al. ^{i 38}	National	School-based	109.104 (52.1)	13-16	GSHS	Not Described
Martins, Lima, and Silva ^{a 39}	São José, SC	School-based	1132 (54.2)	14-19	GSHS	Self-reported; HA-W
Matsudo et al. ⁴⁰	São Paulo	Population-based	2001 (52.4)	14-77	IPAQ	Self-reported; PR-W
Meireles et al. ⁴¹	Belo Horizonte, MG	School-based	1042 (47.2)	11-17	Undefined Questionnaire	Uninformed
Mendonça and Farias Júnior ^{g 42}	João Pessoa, PB	School-based	2859 (57.8)	14-19	PAQ-A	Self-reported; PR-D
Mendonça et al. ^{g 43}	João Pessoa, PB	School-based	2874 (57.8)	14-19	Undefined Questionnaire	Self-reported; PR-D
Menezes and Duarte ⁴⁴	Sergipe	School-based	3992 (63.1)	14-19	GSHS	Not Described
Moraes et al. ^{j 45}	Maringá, PR	School-based	991 (54.5)	14-18	IPAQ	Self-reported; PR-W
Moraes and Falcão ⁴⁶	Maringá, PR	School-based	991 (54.5)	14-18	PAQ-A	Not Described
Nakamura et al. ⁴⁷	Rio Claro, SP	School-based	467 (54)	14-17	PAQ-C	Self-reported; PR-W
Nascente et al. ⁴⁸	Goiânia, GO	School-based	862 (52.8)	14-18	IPAQ	Self-reported; PR-W
Nascimento-Ferreira et al. ⁴⁹	Imperatriz, MA	School-based	869 (53.4)	14-19	PAQ-A	Self-reported; PR-D
Nunes et al. ^{a 50}	São José, SC	School-based	916 (55.4)	14-19	YRBSS	Self-reported; PR-W
Pelegrini and Petroski ^{k 51}	Florianópolis, SC	School-based	595 (67.1)	14-18	IPAQ	Self-reported; PR-W

Pereira, Bergmann, and Bergmann ^{b 52}	Uruguaiana, RS	School-based	1455 (50.9)	10-17	PAQ-C and PAQ-A	Self-reported; PR-D e PR-W
Peres et al. ^{l 53}	Piracicaba, SP	School-based	269 (56.1)	10-14	QAFA	Self-reported; HA-M
Petribú et al. ^{m 54}	Caruaru, PE	School-based	600 (62.5)	15-20	COMCAP	Not Described
Prado et al. ^{h 55}	Curitiba, PR	School-based	1469 (59.2)	14-18	YRBSS	Self-reported; PR-W
Quadros et al. ⁵⁶	Amargosa, BA	. School-based	1139 (55.6)	6-18	Pedometer	Monitoramento; PR-W
Raizel et al. ⁵⁷	Cuiabá, MT	School-based	364 (59)	12-19	GSHS	Not Described
Regis et al. ^{n 58}	Pernambuco	School-based	6234 (59.7)	14-19	GSHS	Not Described
Reichert et al. ⁵⁹	Pelotas, RS	Population-based	457 (47.9)	12-14	Accelerometer	Monitoramento; PR-W
Reis et al. ^{h 60}	Curitiba, PR	School-based	1650 (59.6)	14-18	Undefined Questionnaire	Self-reported; PR-W
Rezende et al. ^{i 61}	National	School-based	109.104 (57)	14-15	Undefined Questionnaire	Self-reported; HA-W
Rivera et al. ^{o 62}	Maceió, AL	School-based	1253 (56.3)	7-17	PAQ-C	Self-reported; PR-W
Rodrigues et al. ⁶³	Cuiabá, MT	School-based	1139 (55.6)	14-19	Undefined Questionnaire	Not Described
Romanzini et al. ⁶⁴	Londrina, PR	School-based	644 (61.6)	16,4,0	IPAQ	Self-reported; PR-W
Romero et al. ^{l 65}	Piracicaba, SP	School-based	328 (54.3)	10-15	QAFA	Self-reported; PR-W e PR-Y
Salvador, Kitoko, and Gambardella ⁶⁶	Vitória, ES	School-based	400 (47.3)	8-17	Undefined Questionnaire	Self-reported; PR-Y
Santos et al. ^{h 67}	Curitiba, PR	School-based	1615 (59.7)	14-18	Undefined Questionnaire	Not Described
Santos et al. ⁶⁸	Uberaba, MG	School-based	649 (52.1)	9-12	LAF	Self-reported; PR-D
Santos et al. ^{n 69}	Pernambuco	School-based	6264 (59.7)	14-19	GSHS	Not Described
Santos et al. ^{c 70}	Pernambuco	School-based	4207 (59.8)	14-19	PAQ-C*	Self-reported; PR-W
Silva ^{i 71}	National	School-based	109.104 (52.2)	13-15	Undefined Questionnaire	Self-reported; PR-W
Silva and Silva ^{p 72}	Aracajú, SE	School-based	2057 (62.7)	13-18	YRBSS	Self-reported; PR-W
Silva et al. ^{o 73}	Maceió, AL	School-based	706 (56.3)	7-17	PAQ	Self-reported; PR-W
Silva et al. ^{e 74}	Santa Catarina	School-based	5028 (59.3)	15-19	COMPAC	Self-reported; HA-W
Silva et al. ⁷⁵	Aracajú, SE	School-based	1028 (56.7)	13-16	PAQ-C	Self-reported; PR-W
Silva et al. ^{e 76}	Santa Catarina	School-based	5028 (59.3)	15-19	COMPAC	Self-reported; HA-W
Silva et al. ^{p 77}	Aracajú, SE	School-based	2105 (63.0)	13-18	YRBSS	Self-reported; PR-W
Silva et al. ⁷⁸	Santa Catarina	School-based	6529 (53.9)	15-19	COMPAC	Self-reported; HA-W
Silva et al. ⁷⁹	Ponta Grossa, PR	School-based	653 (57,9)	14-19	IPAQ	Self-reported; PR-W
Silva et al. ^{k 80}	Florianópolis, SC	School-based	696 (62.1)	15-18	IPAQ	Self-reported; PR-W
Silva et al. ⁸¹	Arapiraca, SE	School-based	571 (52.7)	8-10	QUAFDA	Self-reported; PR-D
Silva, Silva and Oliveira ^{f 82}	Aracajú, SE	School-based	2259 (62.3)	13-18	PAQ-C	Self-reported; PR-W

Silva, Smith-Menezes and Duarte ⁸³	Sergipe	School-based	3992 (61.3)	14-19	GSHS	Not Described
Souza ⁸⁴	Canoas, RS	School-based	293 (66.9)	17	IPAQ	Self-reported; PR-W
Souza et al. ⁸⁵	Salvador, BA	School-based	694 (52.7)	10-14	Undefined Questionnaire (V)	Not Described
Souza et al. ^{h 86}	Curitiba, PR	School-based	1698 (59.4)	14-18	Undefined Questionnaire	Self-reported; HA-W
Straatmann and Veiga ⁸⁷	Niterói, RJ	School-based	.697 (59.6)	12-19	IPAQ	Self-reported; PR-W
Suñe et al. ⁸⁸	Capão da Canoa, RS	School-based	719 (50.2)	11-13	Questionnaire on habitual physical activities (Russell R. Pate)	Not Described
Tassitano et al. ^{m 89}	Caruaru, PE	School-based	600 (62.5)	15-20	COMCAP	Not Described
Tenório et al. ^{c 90}	Pernambuco	School-based	4210 (59.8)	14-19	GSHS	Not Described
Vieira et al. ⁹¹	Natal, RN	School-based	347 (72)	12-18	Undefined Questionnaire	Not Described
Vitta et al. ⁹²	Bauru, SP	School-based	524 (46.9)	10-14	PAQ-C	Self-reported; PR-W
Report card 4.0						
Barbosa Filho et al. ⁹³	Fortaleza, CE	School-based	1085	11-18	PAQ-A	Self-reported; PR-W
Barbosa, Prazeres Filho and Farias Júnior ⁹⁴	João Pessoa, PB	School-based	784	10-14	Accelerometer	Monitoramento; HA-W
Bento et al. ⁹⁵	Bauru, SP	School-based	1628 (25.8)	15-17	BQHPA	Not Described
Bielemann et al. ⁹⁶	Pelotas, RS	Population-based	2636 (61.3)	6-8	Accelerometer	Monitoramento; PR-W
Campos et al. ⁹⁷	Minas Gerais	School-based	302	14-19	IPAQ	Self-reported; PR-W
Campos et al. ⁹⁸	Curitiba, PR	School-based	1472 (42.5)	11-15	PAQ-A	Self-reported; PR-W
Chaput et al. ^{s 99}	São Paulo, SP	School-based	469	9-11	Accelerometer	Monitoramento; PR-W
Chaput et al. ^{s 100}	São Paulo, SP	School-based	484	9-11	Accelerometer	Monitoramento; PR-W
Christofaro et al. ¹⁰¹	Londrina, PR	School-based	1231	12-17	BQHPA	Self-reported; PR-W
Coledam, Ferraiol, and Oliveira ¹⁰²	Londrina, PR	School-based	729	10-17	BQHPA	Self-reported; PR-W
Condessa et al. ^{l, q 103}	National	School-based	102.337 (13.5)	13-16	GSHS	Self-reported; PR-W
Condessa et al. ^{i 104}	National	School-based	109.104 (13.1)	13-15	GSHS	Self-reported; PR-W
Del Ciampo et al. ¹⁰⁵	Ribeirão Preto, SP	School-based	535 (49.3)	10-19	IPAQ	Self-reported; PR-W
Farias et al. ¹⁰⁶	Porto Velho, RO	School-based	2694 (25.4)	14-18	IPAQ	Self-reported; PR-W

Ferrari et al. ¹⁰⁷	Brasil	Population-based	563	15-65	Accelerometer	Monitoramento; PR-W
Ferrari et al. ¹⁰⁸	São Caetano do Sul, SP	School-based	328 (12.1)	9-11	Accelerometer	Monitoramento; PR-W
Gonçalves, Nunes, Silva ^{a 109}	São José, SC	School-based	1132	14-19	n.a.	Self-reported; PR-W
Leal et al. ^{q 110}	National	School-based	10926 (11.6)	13-17	GSHS	Self-reported; PR-W
Lima et al. ^{a 111}	São José, SC	School-based	1103 (10.2)	14-19	YRBSS	Self-reported; PR-W
Lima and Silva ^{a 112}	São José, SC	School-based	1103 (10.2)	14-19	YRBSS	Self-reported; PR-W
Mendonça et al. ^{g 113}	João Pessoa, PB	School-based	2874	14-19	PAQ-A	Self-reported; PR-W
Mendonça et al. ^{g 114}	João Pessoa, PB	School-based	2350	14-19	PAQ-A	Self-reported; PR-W
Mendonça, Cheng, and Farias Júnior ^{g 115}	João Pessoa, PB	School-based	2859 (57.8)	14-19	Undefined Questionnaire	Not Described
Mielke et al. ¹¹⁶	Pelotas, RS	School-based	5249 (51.2)	11, 15, 18	IPAQ	Self-reported; PR-W
Miranda et al. ¹¹⁷	Viçosa, MG	School-based	120 (100)	14-19	24-hours recordatory	Not Described
Miranda et al. ¹¹⁸	Viçosa, MG	School-based	405 (100)	14-19	IPAQ	Not Described
Moura et al. ¹¹⁹	Rio Pomba, MG	School-based	84 (0)	14-18	Accelerometer	Monitoramento; PR-W
Nascimento et al. ¹²⁰	São Paulo, SP	School-based	129 (55.8)	15-17	IPAQ	Not Described
Oliveira et al. ^{q 121}	National	School-based	102072	13-17	GSHS	Self-reported; PR-W
Oliveira et al. ¹²²	Pernambuco	School-based	6.264 (59.6)	14-19	Undefined Questionnaire	Self-reported; PR-W
Oliveira-Campos et al. ^{d, i, q 123}	National	School-based	173.310 (51.4)	14 (mean)	Undefined Questionnaire	Self-reported; PR-W
Pandolfo et al. ¹²⁴	Sul	School-based	348 (25.0)	14-19	IPAQ	Self-reported; PR-W
Pestana et al. ¹²⁵	São Luis, MA	School-based	363	12-17	PAQ-A	Self-reported; PR-W
Pinto et al. ^{r 126}	Amazonas	School-based	2517	14-19	COMPAC	Self-reported; PR-W
Pinto et al. ^{r 127}	Itacoatiara, Manaus, Parintins, Presidente Figueiredo, and São Gabriel da Cachoeira, AM	School-based	2517 (56.1)	14-19	Undefined Questionnaire	Self-reported; PR-W
Piola et al. ¹²⁸	São José dos Pinhais, PR	School-based	952 (53.8)	15,72 ± 1,48 years	Self-Administered Activity Checklist	Self-reported; PR-W
Piola et al. ¹²⁹	Curitiba, PR	School-based	444 (51.8)	8-18	Self-Administered Activity Checklist (adapted)	Self-reported; PR-W
Piola et al. ¹³⁰	São José dos Pinhais, PR	School-based	786 (53.9)	16,2± 1,1 years	PAQ-A	Self-reported; PR-W

Rebesco et al. ¹³¹	Irati, PR	School-based	197 (46.7)	14-17	IPAQ	Not Described
Ricardo et al. ^{q 132}	National	School-based	101.607	13 years or less, 14-15, 16 years or more	Undefined Questionnaire	Self-reported; PR-W
Rocha, Valesquez, and Menendez ^{q 133}	National	School-based	99.738 (51.6)	13-17	Undefined Questionnaire	Not Described
Rodrigues et al. ¹³⁴	São José dos Pinhais, PR	School-based	204 (44.2)	15-17,9	PAQ-A	Self-reported; PR-W
Santos et al. ¹³⁵	Sul	School-based	98 (61.2)	8-10	Accelerometer	Monitoramento; 10 days
Santos et al. ¹³⁶	Sergipe, SE	School-based	4,721 (61.4)	14-19	Undefined Questionnaire	Self-reported; PR-W
Schaan et al. ¹³⁷	National	School-based	33.900 (59.4)	12-17	Self-Administered Physical Activity Checklist	Self-reported; PR-W
Silva et al. ¹³⁸	Florianópolis	School-based	2545 (26.5)	14-18	IPAQ	Self-reported; PR-W
Silva et al. ¹³⁹	National	School-based	1152 (25.9)	14-15	Self-Administered Physical Activity Checklist	Self-reported; PR-W
Silva et al. ¹⁴⁰	Londrina, PR	School-based	1.152 (57.4)	10-16	BQHPA	Self-reported; PR-W
Silva et al. ¹⁴¹	Criciúma, SC	School-based	583 (51.5)	11-17	PAQ-C	Self-reported; PR-W
Silva et al. ¹⁴²	Ermelino Matarazzo, SP	School-based	176 (40.9)	3-6	Accelerometer	Monitoramento; PR-W
Silva et al. ¹⁴³	Porto Alegre, RS	School-based	49 (51.0)	10-13	Pedometer	Monitoramento; 3 days
Silva et al. ¹⁴⁴	Salvador, BA	School-based	Intervention: 428 (46.0) Control: 467 (50.8)	Intervention 14.5 (mean) Control 14.5 (mean)	Undefined Questionnaire	Self-reported; PR-W
Silva et al. ^{i 145}	National	School-based	108.828 (52.2)	11-18	Undefined Questionnaire	Self-reported; PR-W
Silva, Chaput, and Tremblay ^{q 146}	National	School-based	12.220 (50.7)	11-19	GSHS	Self-reported; PR-W
Silva and Menezes ¹⁴⁷	Sergipe	School-based	3992 (11.3)	15-19	GSHS	Self-reported; PR-W
Soares et al. ¹⁴⁸	Rio das Ostras, RJ	School-based	13 (92.0)	12-18	Undefined Questionnaire	Self-reported; PR-W
Tadiotto et al. ¹⁴⁹	Curitiba, PR	School-based	806 (59.5)	10-17	PAQ-A	Self-reported; PR-W
Venturini et al. ¹⁵⁰	Leopoldina, MG	School-based	388 (47.1)	15-20	IPAQ	Not Described

Werneck et al. ¹⁵¹	Londrina, PR	School-based	389 (52.1)	10-15	Accelerometer	Monitoramento; PR-W
Werneck et al. ^{q 152}	National	School-based	100.839 (51.0)	11-18	IPAQ	Self-reported; PR-W
Werneck et al. ^{q 153}	National	School-based	101.445 (51.3)	11-18	IPAQ	Self-reported; PR-W
Zakrzewski-Fruer et al. ^{s 154}	São Paulo, SP	School-based	448 (51.0)	9-11	Accelerometer	Monitoramento; PR-W
Report card 5.0						
Alencar Vieira et al. ¹⁵⁵	National	School-based	14141 (24.4%)	12 - 15	PeNSE 2015	Self reported
Andrade et al. ¹⁵⁶	Florianópolis, SC	School-based	2757	10 - 19	Undefined Questionnaire	Self-reported
Andrade et al. ¹⁵⁷	Salvador, BA	School-based	465	10 - 17	PAQ-A	Self-reported
Antunes Correa et al. ¹⁵⁸	Lagoa do Carro, PE	School-based	289 (48.4%)	10 - 18	PAQ-C and PAQ-A	Self-reported
Argenta et al. ¹⁵⁹	Florianópolis, SC	School-based	651	16.3 [1.0]	Accelerometer	Monitoramento
Bacil et al. ¹⁶⁰	Curitiba and São José dos Pinhais, PR	School-based	3979 (33.2%)	11–19	PAQ-A	Self-reported
Bento et al. ¹⁶¹	Bauru, SP	School-based	1628 (64.3%)	14-18	BQHPA	Self-reported
Bergmann et al. ¹⁶²	Uruguaiana, RS	School-based	1.377(17.5%)	10-17	PAQ-C and PAQ-A	Self-reported
Brand et al. ¹⁶³	Santa Cruz do Sul, RS	School-based	2786	6-17	Undefined Questionnaire	Self-reported
Brito et al. ¹⁶⁴	Paraná	School-based	268	12-16	3DPAR	Self-reported
Bueno et al. ¹⁶⁵	Londrina, PR	School-based	394 (8.1)	10–14	Accelerometer	Monitoramento
Cabral et al. ¹⁶⁶	João Pessoa, PB	School-based	650	10-14	Accelerometer	Monitoramento
Camargo et al. ¹⁶⁷	Curitiba, PR	School-based	1518 (18.8%)	15-18	IPAQ-SF	Self-reported

Cota et al. 168	Viçosa, MG	School-based	506 (69.9%)	10–19	IPAQ-SF	Self-reported
Custódio et al. 169	São José, SC	School-based	1.132 (18.8%)	14-19	YRBSS	Self-reported
De Andrade et al. 170	National	School-based	37023	12-17	IPAQ-SF	Self-reported
De Arruda et al. 171	Londrina, PR	School-based	265	12-18	BQHPA	Self-reported
De Camargo et al. 172	Curitiba, PR	School-based	1984 (24.4%)	15–17	The Physical Activity Questionnaire for Adolescents (QAFA)	Self-reported
De Leon et al. 173	National	School-based	37815	12-17	Self-Administered Physical Activity Checklist - ERICA	Self-reported
De Marco et al. 174	Florianópolis, SC	School-based	944 (50.9%)	14-19	IPAQ-SF	Self-reported
De Marco et al. 175	Florianópolis, SC	School-based	980 (29.1%)	14-19	IPAQ-SF	Self-reported
De Victo et al. 176	São Caetano do Sul, SP	School-based	432	10	Accelerometer	Monitoramento
Dos Santos et al. 177	Alfenas, MG	School-based	101	10-20	IPAQ-SF	Self-reported
Ferreira Lima et al. 178	Paranavaí, PR	School-based	237	11-12	IPAQ	Self-reported
Garcia et al. 179	National	School-based	51.192 (18.4%)	13-15	PeNSE 2015	Self-reported
Gordia et al. 180	Uberaba, MG	Population-based	1300 (51.2%)	6-10	Self-Administered Physical Activity Checklist (SAPAC)	Self-reported
Lourenço et al. 181	Uberaba, MG	Population-based	984 (42.1)	14-18	COMPAC	Self-reported
Lucena Filho et al. 182	Recife, PE	School-based	577 (56.3%)	5-7	Accelerometer	Monitoramento
Maciel et al. 183	Ceará	School-based	1303 (34.5%)	12-17	The Physical Activity Questionnaire for Adolescents (QAFA)	Self-reported
Nascimento et al. 184	National	School-based	71903 (26.2%)	13-16	PeNSE 2015	Self-reported
Pinto et al. 185	National	School-based	71035	12-17	Self-Administered Physical Activity Checklist - ERICA	Self-reported

Piola et al. 186	São José dos Pinhais, PR	School-based	772 (20.9%)	15-17	Self-Administered Physical Activity Checklist (SAPAC)	Self-reported
Santos et al. 187	National	School-based	102072 (4.3%)	11-19	PeNSE 2015	Self-reported
Ywgne et al. 188	National	School-based	7281	11-19	PeNSE 2015	Self-reported

Note. Superscript equal letters over author's name refer to distinct articles from the same study; Undefined Questionnaire: Original instrument not identified by the authors, but questions were reported; (V): Questionnaire presented criterion, content and/or construct validity; States of Brazil: AL: Alagoas; AM: Amazonas; BA: Bahia; CE: Ceará; DF: Distrito Federal; ES: Espírito Santo; GO: Goiás; MA: Maranhão; MG: Minas Gerais; MT: Mato Grosso; PB: Paraíba; PE: Pernambuco; PI: Piauí; PR: Paraná; RJ: Rio de Janeiro; RN: Rio Grande do Norte; RO: Rondônia; RS: Rio Grande do Sul; SC: Santa Catarina; SE: Sergipe; SP: São Paulo.

(PAQ-C): Physical Activity Questionnaire for Older Children; (PAQ-A): Physical Activity Questionnaire for Adolescents; (PAQ-C*): Activity Questionnaire for Children and Adolescents; (GSHS): Global School-based Student Health Survey; (YRBSS): Youth Risk Behavior Surveillance; (Saúde na Boa): Good Health Questionnaire; (QAFA): Physical Activity Questionnaire for Adolescents; (LAF): List of Physical Activities; (PAQ): Physical Activity Questionnaire; (COMCAP): Risk Behaviors in Catarinense Adolescents; (QUAFDA): Previous Day Physical Activity Questionnaire; (IPAQ): International Physical Activity Questionnaire; (COMPAC): Behaviors of Catarinense Adolescents; (PeNSE): National School Health Survey.

a - Brazilian Guide for Evaluation of Health-Related Physical Fitness and Life Habits - Stage I / Guia Brasileiro para Avaliação da Aptidão Física e Hábitos de Vida Relacionados à Saúde - Etapa I; b - Estudo em Uruguaiana/RS – protocolo do Comitê de Ética em Pesquisa: 042/2010; c - Estilos de Vida e Comportamentos de Risco à Saúde em Estudantes do Ensino Médio no Estado de Pernambuco; d – Pesquisa Nacional de Saúde do Escolar, edição 2009 – PeNSE 2009; e – Estilo de Vida e Comportamentos de Risco dos Jovens Catarinenses, edição 2001 – COMPAC 2001; f – Estudo em Sergipe – protocolo do Comitê de Ética em Pesquisa da Universidade Federal de Sergipe (CEP/UFS): 5724.0.000.107-10.; g - Physical activity level and associated factors among high school adolescents in João Pessoa, city, - PB: an ecological approach / Nível de atividade física e fatores associados em adolescentes do ensino médio de João Pessoa, município, - PB: uma abordagem ecológica; h - Determinantes da Atividade Física e Obesidade em Escolares do Ensino Médio da Rede Pública da Cidade de Curitiba, Paraná, Brasil; i - Pesquisa Nacional de Saúde do Escolar, edição 2012 – PeNSE 2012; j – Estudo em Maringá/PR – Aprovado pelo Comitê de Ética em Pesquisa com Seres Humanos do Centro Universitário de Maringá.; k – Níveis de atividade física, aptidão física e comportamento social relacionados à saúde em escolares de Florianópolis, SC.; l - Consumo dietético e AF como determinantes das mudanças do IMC de uma coorte de adolescentes matriculados da rede pública de ensino da cidade de Piracicaba/SP.; m – Estudo em Caruaru/PE – protocolo do Comitê de Ética em Pesquisa com Seres Humanos da Faculdade ASCES: 44/2007.; n – Physical activity practice and health risk behaviors in high school students in the State of Pernambuco: a temporal trend study / Prática de atividade física e comportamentos de risco à saúde em estudantes do ensino médio no Estado de Pernambuco: um estudo de tendência temporal.; o – Estudo em Maceió-AL – Aprovado pelo Comitê de Ética do Hospital Universitário da Universidade Federal de Alagoas.; p – Estudo em Aracaju/SE – Aprovado pelo Ethics Committee on Human Research of the Federal University of Sergipe; q – Pesquisa Nacional de Saúde do Escolar, edição 2015 – PeNSE 2015; r – Indicadores de Estilo de Vida e Saúde de Alunos do Ensino Médio no Amazonas; s – International Study of Childhood Obesity, Lifestyle and the Environment - ISCOLE.

SUPPLEMENTARY MATERIAL 3

Description of prevalence of physical activity (%) in studies including Brazilian children and adolescents (Report Card Brazil 3.0, 4.0, and 5.0)

Reference	Local	Definition	Prevalence of Physical Activity		
			All	Boys	Girls
Report card 3.0					
Abreu and Caiaffa ¹	National	IPAQ version 8 definition.	66.0%	n.a.	n.a.
Alves Júnior et al. ^{a 2}	São José, SC	≥60 min./day of MVPA	22.9%	n.a.	n.a.
Andaki et al. ³	Viçosa, MG	≥60 min./day of MVPA	n.a.	68.1%	36.7%
Andrade Neto et al. ⁴	Santa Maria de Jetibá, ES Vitória, ES	≥300 min./weekof MVPA	18.4%	Urban area: 75.5% Rural area: 90.8%	Urban area: 69.2% Rural area: 84.6%
Arruda and Lopes ⁵	Lages, SC	>39,9 kcal/kg/day	58.8%	n.a.	n.a.
Barros et al. ⁶	Recife, PE	≥60 min./day of MVPA	34.0%	40.1%	29.8%
Bastos, Araújo, and Hallal ⁷	Pelotas, RS	≥300 min./week of MVPA	30.2%	43.5%	17.9%
Beck et al. ⁸	Três de Maio, RS	≥300 min./weekof MVPA	38.8%	47.6%	30.6%
Bergmann et al. ^{b 9}	Uruguaiana, RS	PAQ-C / PAQ-A: (4 and 5 points)	08.3%	n.a.	n.a.
Campos et al. ¹⁰	Curitiba, PR	≥37 kcal/kg/dia	n.a.	82.7%	77.4%
Carvalho et al. ¹¹	Northeast	IPAQ short version; definition.	69.8%	n.a.	n.a.
Cavalcanti et al. ^{c 12}	Recife, PE	≥60 min./day of MVPA	5.3%	4.1%	6.5%
Ceschini, Andrade, and Figueira Júnior ¹³	São Paulo, SP	≥300 min./week of MVPA	36.1%	39.4%	32.2%
Ceschini et al. ¹⁴	São Paulo, SP	≥300 min./week of MVPA	37.5%	50.3%	25.9%
Coelho et al. ¹⁵	Ouro Preto, MG	≥300 min./week of MVPA	19,7%	n.a.	n.a.
Cureau et al. ¹⁶	Santa Maria, RS	≥300 min./week of MVPA	46.5%	n.a.	n.a.
Dambros, Lopes, and Santos ¹⁷	Santa Maria, RS	≥300 min./week of MVPA	n.a.	75.0%	60.0%
Dumith et al. ¹⁸	Caracol, PI	≥60 min./day of MVPA	12.6%	20.2%	05.9%
Farias Júnior ¹⁹	Florianópolis, SC	≥37 kcal/kg/day	37.4%	48.6%	26.5%
Farias Júnior ²⁰	João Pessoa, PB	≥37 kcal/kg/day	n.a.	54.5%	35.8%
Farias Júnior et al. ^{e 21}	Santa Catarina	≥300 min./week of MVPA	63.5%	73.9%	56.3%
Farias Júnior et al. ^{g 22}	João Pessoa, PB	≥300 min./week of MVPA	50.2%	66.3%	38.5%
Farias Júnior et al. ^{g 23}	João Pessoa, PB	≥300 min./week of MVPA	50.2%	66.3%	38.5%
FariasJúnior et al. ^{g 24}	João Pessoa, PB	≥300 min./week of MVPA	20.1% (simplified)	28.3% (simplified);	14.1% (simplified);

			50.2% (detailed)	66.3% (detailed)	38.5% (detailed)
Farias Júnior, Reis, and Hallal ⁹ ₂₅	João Pessoa, PB	≥300 min./week of MVPA	n.a.	66.3%	38.5%
Fermino et al. ^h ₂₆	Curitiba, PR	≥60 min./day of MVPA	14.5%	22.3%	09.1%
Freire et al. ²⁷	Montes Claros, MG	Frequency of physical activity practice (“always”/“frequently”).	45.2%	n.a.	n.a.
Guilherme et al. ²⁸	Paranavaí, PR	≥300 min./week of MVPA	n.a.	46.9%	53.1%
Hallal et al. ^d ₂₉	National	≥300 min./week of MVPA	43.1%	56.2%	31.3%
Leão et al. ^f ₃₀	Aracajú, SE	PAQ-C / PAQ-A: (4 and 5 points)	10.6%	n.a.	n.a.
Legnani et al. ³¹	Foz do Iguaçu, PR	≥60 min./day of MVPA	n.a.	21.7% ^{&}	22.1% ^{&}
Leites, Bastos, and Bastos ³²	Porto Alegre, RS	≥300 min./week of MVPA	n.a.	Boys 10-12 years old: 44.0% 13-15 years old: 45.6% 16 -19 years old: 33.5%	Girls 10-12 years old: 20.3% 13-15 years old: 20.8% 16 -19 years old: 14.2%
Lima et al. ^h ₃₃	Curitiba, PR	≥60 min./day of MVPA	14.3%	21.7%	09.2%
Lima and Silva ^a ₃₄	São José, SC	≥60 min./day of MVPA	22.8%	27.6%	18.8%
Loch ^e ₃₅	Santa Catarina	≥300 min./week of MVPA	70.0%	79.0%	63.1%
Lucena et al. ^g ₃₆	João Pessoa, PB	≥300 min./week of MVPA	50.2%	66.3%	38.5%
Malta et al. ^d ₃₇	National	≥300 min./week of MVPA	43.1%	56,2%	31,3%
Malta et al. ⁱ ₃₈	National	≥60 min./day of MVPA	20.1%	n.a.	n.a.
Martins, Lima, and Silva ^a ₃₉	São José, SC	≥60 min./day of MVPA	22.8%	n.a.	n.a.
Matsudo et al. ⁴⁰	São Paulo	IPAQ definition	n.a.	61.4%	50.5%
Meireles et al. ⁴¹	Belo Horizonte, MG	≥300 min./week of MVPA	49.4%	n.a.	n.a.
Mendonça and Farias Júnior ^g ₄₂	João Pessoa, PB	≥300 min./week of MVPA	50.2%	66.3%	38.5%
Mendonça et al. ^g ₄₃	João Pessoa, PB	≥300 min./week of MVPA	50.2%	66.3%	38.5%
Menezes and Duarte ⁴⁴	Sergipe	≥60 min./day of MVPA	22.5%	29.0%	14.0%
Moraes et al. ^j ₄₅	Maringá, PR	≥300 min./week of MVPA	43.1%	44.3%	42.1%
Moraes and Falcão ⁴⁶	Maringá, PR	≥60 min./day of MVPA	n.a.	44.0%	42.1%

Nakamura et al. ⁴⁷	Rio Claro, SP	PAQ-C / PAQ-A: (4 and 5 points)	17.4%	26.8%	09.4%
Nascente et al. ⁴⁸	Goiânia, GO	≥300 min./week of MVPA	33.2%	n.a.	n.a.
Nascimento-Ferreira et al. ⁴⁹	Imperatriz, MA	≥60 min./day of MVPA	45.6%	42.7%	69.2%
Nunes et al. ^{a 50}	São José, SC	≥60 min./day of MVPA	22.7%	27.7%	18.7%
Pelegri and Petroski ^{k 51}	Florianópolis, SC	≥300 min./week of MVPA	n.a.	Actives: 14 years = 78.6%; 15 years = 67.3%; 16 years = 84.8%; 17 years = 77.2%; 18 years = 90.0%	Actives: 14 years = 57.1%; 15 years = 76.4%; 16 years = 76.2%; 17 years = 71.6%; 18 years = 59.1%.
Pereira, Bergmann, and Bergmann ^{b 52}	Uruguaiana, RS	PAQ-C / PAQ-A: (4 and 5 points)	08.3%	n.a.	n.a.
Peres et al. ^{l 53}	Piracicaba, SP	≥300 min./week of MVPA	n.a.	Overweight: 92.5%; Eutrophic: 93.1%	Overweight: 78,9%; Eutrophic: 84,1%
Petribú et al. ^{m 54}	Caruaru, PE	≥60 min./day of MVPA	11.7%	n.a.	n.a.
Prado et al. ^{h 55}	Curitiba, PR	≥60 min./day of MVPA	14.5%	22.2%	09.2%
Quadros et al. ⁵⁶	Amargosa, BA	16,000 and 13,000 steps/day for boys and girls (respectively).	35.7%	n.a.	n.a.
Raizel et al. ⁵⁷	Cuiabá, MT	≥60 min./day of MVPA	18.0%	31.0%*	09.0%*
Regis et al. ^{n 58}	Pernambuco	≥60 min./day of MVPA	35.1%	n.a.	n.a.
Reichert et al. ⁵⁹	Pelotas, RS	≥60 min./day of MVPA	61.3%	69.8%	52.1%
Reis et al. ^{h 60}	Curitiba, PR	≥60 min./day of MVPA	n.a.	21.7%	09.1%
Rezende et al. ^{i 61}	Nacional	≥60 min./day of MVPA	29.0%	38.6%	20.1%
Rivera et al. ^{o 62}	Maceió, AL	≥60 min./day of MVPA	06.5%	n.a.	n.a.
Rodrigues et al. ⁶³	Cuiabá, MT	≥300 min./week of MVPA	40.5%	n.a.	n.a.
Romanzini et al. ⁶⁴	Londrina, PR	≥300 min./week of MVPA	60.8%	66.7%	57.2%
Romero et al. ^{l 65}	Piracicaba, SP	≥300 min./week of MVPA	45.1%#	n.a.	n.a.
Salvador, Kitoko, and Gambardella ⁶⁶	Vitória, ES	5+ hours per week of PA	45.7%	n.a.	n.a.
Santos et al. ^{h 67}	Curitiba, PR	≥60 min./day of MVPA	n.a.	22.0%	09.1%
Santos et al. ⁶⁸	Uberaba, MG	≥60 min./day of MVPA	55.1%	n.a.	n.a.
Santos et al. ^{n 69}	Pernambuco	≥60 min./day of MVPA	35.1%	43.9%	29.2%

Santos et al. ^{c 70}	Pernambuco	≥60 min./day of MVPA	34.9% [#]	42.3%	29.8%
Silva ^{i 71}	National	≥60 min./day of MVPA	n.a.	27.9%	13.1%
Silva and Silva ^{p 72}	Aracajú, SE	≥60 min./day of MVPA	18.1%	26.8%	12.9%
Silva et al. ^{o 73}	Maceió, AL	PAQ-C / PAQ-A: (3 to 5 points)	06.5%	n.a.	n.a.
Silva et al. ^{e 74}	Santa Catarina	≥300 min./week of MVPA	n.a.	78.9%	63.0%
Silva et al. ⁷⁵	Aracajú, SE	PAQ-C / PAQ-A: (4 and 5 points)	n.a.	2.0%	0.3%
Silva et al. ^{e 76}	Santa Catarina	≥300 min./week of MVPA	71.5%	72.1% [#]	71.2% [#]
Silva et al. ^{p 77}	Aracajú, SE	≥60 min./day of MVPA	n.a.	27.2%	12.6%
Silva et al. ⁷⁸	Santa Catarina	≥300 min./week of MVPA	n.a.	39.3%	23.7%
Silva et al. ⁷⁹	Ponta Grossa, PR	≥300 min./week of MVPA	92.3%	n.a.	n.a.
Silva et al. ^{k 80}	Florianópolis, SC	≥300 min./week of MVPA	68.2%	79.6%	71.6%
Silva et al. ⁸¹	Arapiraca, SE	37 or more points in the instrument score.	10.9% [#]	n.a.	n.a.
Silva, Silva and Oliveira ^{f 82}	Aracajú, SE	PAQ-C / PAQ-A: (3 to 5 points)	n.a.	20.6%	04.8%
Silva, Smith-Menezes and Duarte ⁸³	Sergipe	≥300 min./week of MVPA	22.5%	18.4%	29.0%
Souza ⁸⁴	Canoas, RS	≥300 min./week of MVPA	47.7%	n.a.	n.a.
Souza et al. ⁸⁵	Salvador, BA	≥300 min./week of MVPA	n.a.	72.0%	50.0%
Souza et al. ^{h 86}	Curitiba, PR	≥60 min./day of MVPA	14.5%	21.6%	09.6%
Straatmann and Veiga ⁸⁷	Niterói, RJ	IPAQ short version: active=very active and active	n.a.	69.1%	54.7%
Suñe et al. ⁸⁸	Capão da Canoa, RS	6 or more points in instrument score.	21.2%	n.a.	n.a.
Tassitano et al. ^{m 89}	Caruaru, PE	≥60 min./day of MVPA	58.3%	77.2%	46.9%
Tenório et al. ^{c 90}	Pernambuco	≥60 min./day of MVPA	34.9%	42.3%	29.8%
Vieira et al. ⁹¹	Natal, RN	≥300 min./week of MVPA	47.8%	n.a.	n.a.
Vitta et al. ⁹²	Bauru, SP	PAQ-C / PAQ-A: (3 to 5 points)	23.5%	44.6%	18.7%
Report card 4.0					
Barbosa Filho et al. ⁹³	Fortaleza, CE	≥420 min./week of MVPA	29.7%	n.a.	n.a.

Barbosa, Prazeres Filho and Farias Júnior ⁹⁴	João Pessoa, PB	≥60 min./day of MVPA	11.7%	n.a.	n.a.
Bento et al. ⁹⁵	Bauru, SP	Baecke	48.6%	22.8%%	25.86
Bielemann et al. ⁹⁶	Pelotas, RS	Mean time on MVPA per day (hours/day)PA: 'above average'+ 'average'	n.a.	55.6 (SD: 38.4)	33.4 (SD: 186.3)
Campos et al. ⁹⁷	Minas Gerais	≥300 min./week of MVPA	70.5%	n.a.	n.a.
Campos et al. ⁹⁸	Curitiba, PR	≥300 min./week of MVPA	56.1%	68.7%	42.5%
Chaput et al. ^{s 99}	São Paulo, SP	Mean time on MVPA per day (hours/day)	0.99 (SD: 0.44)	n.a	n.a
Chaput et al. ^{s 100}	São Paulo, SP	Mean time on MVPA per day (hours/day)	59.7 (SD: 26.2)	n.a	n.a
Christofaro et al. ¹⁰¹	Londrina, PR	≥60 min./day of MVPA	n.a	7.48	5.01 (2.16)
Coledam, Ferraiol, and Oliveira ¹⁰²	Londrina, PR	Mean (standard deviation) while laps and repetitions are expressed as median (interquartile range)	7.31 (1.65)	7.93 (1.61)	6.71 (1.45)
Condessa et al. ^{l, q 103}	National	≥300 min./week of MVPA	20.7%	28.3%	13.5%
Condessa et al. ^{i 104}	National	≥300 min./week of MVPA	20.2%	27.9%	13.1%
Del Ciampo et al. ¹⁰⁵	Ribeirão Preto, SP	≥300 min./week of MVPA	78.8%	29.5%	49.3%
Farias et al. ¹⁰⁶	Porto Velho, RO	≥0 min./week of MVPA	60.5%	14.1%	25.4%
Ferrari et al. ¹⁰⁷	Brasil	≥ 1952 activity counts/min for MVPA	33.4 (SD: 24.63)	n.a.	n.a.
Ferrari et al. ¹⁰⁸	São Caetano do Sul, SP	≥ 1952 activity counts/min for MVPA	45.1%	32.9%	12.2%
Gonçalves, Nunes, Silva ^{a 109}	São José, SC	≥60 min./day of MVPA	22.8%	n.a.	n.a.
Leal et al. ^{q 110}	National	≥300 min./week of MVPA	31.6%	20.7%	11.6%
Lima et al. ^{a 111}	São José, SC	≥60 min./day of MVPA	22.8%	12.6%	10.2%
Lima and Silva ^{a 112}	São José, SC	≥60 min./day of MVPA	22.8%	12.6%	10.2%
Mendonça et al. ^{g 113}	João Pessoa, PB	≥300 min./week of MVPA	50.2%	n.a.	n.a.

Mendonça et al. ^{g 114}	João Pessoa, PB	≥300 min./week of PA	50.2%	66.3%	38.4%
Mendonça, Cheng, and Farias Júnior ^{g 115}	João Pessoa, PB	≥300 min./week of MVPA	83.1%	39.8%	43.0%
Mielke et al. ¹¹⁶	Pelotas, RS	≥60 min./day of PA at 11, 15 and 18years-old	11: 34.9% 15: 36.8% 18: 44,7%	11: 45.0% 15: 52.2% 18: 56.9%	11: 25.2% 15: 22.0% 18: 33.1%
Miranda et al. ¹¹⁷	Viçosa, MG	The level of physical activity was calculated based on the metabolic equivalent for adolescents and the resting metabolic rate for female adolescents.	15.7%	n.a.	n.a.
Miranda et al. ¹¹⁸	Viçosa, MG	≥60 min./day of MVPA	19.40%	n.a.	n.a.
Moura et al. ¹¹⁹	Rio Pomba, MG	light-intensity physical activity 721–3027 counts min-1; and moderate-to-vigorous physical activity, 3028 counts min-1.	9.8%	9.8%	n.a.
Nascimento et al. ¹²⁰	São Paulo, SP	IPAQ short version; definition	56%	51%	42%
Oliveira et al. ^{q 121}	National	≥300 min./week of MVPA	34.5%	n.a.	n.a.
Oliveira et al. ¹²²	Pernambuco	≥60 min./day of MVPA	35.1%	43.9%	29.2%
Oliveira-Campos et al. ^{d, i, q 123}	National	≥60 min./day of MVPA	20.7%	28.3%	13.5%
Pandolfo et al. ¹²⁴	Sul	≥300 min./week of MVPA	58.6%	33.6%	25%
Pestana et al. ¹²⁵	São Luis, MA	≥300 min./week of MVPA	71.6%	n.a.	n.a.
Pinto et al. ^{r 126}	Amazonas	≥60 min./day of MVPA	7%	n.a.	n.a.
Pinto et al. ^{r 127}	Itacoatiara, Manaus, Parintins, Presidente Figueiredo, and São Gabriel da Cachoeira, AM	≥60 min./day of MVPA	6.7%	67.5%	32.5%

Piola et al. ¹²⁸	São José dos Pinhais, PR	≥420 min./week of PA	17.8%	n.a.	n.a.
Piola et al. ¹²⁹	Curitiba, PR	≥420 min./week of MVPA	63.5%	69.6%	57.8%
Piola et al. ¹³⁰	São José dos Pinhais, PR	≥420 min./week of PA	15.3%	23.2%	8.5%
Rebesco et al. ¹³¹	Irati, PR	IPAQ short version; definition	Bloco 1: 61.5% Bloco 2: 64.5%	n.a.	n.a.
Ricardo et al. ^{q 132}	National	≥300 min./week of PA	34.4%	43.9%	25.4%
Rocha, Valesquez, and Menendez ^{q 133}	National	≥300 min./week of PA	20.5%	28.3%	13.1%
Rodrigues et al. ¹³⁴	São José dos Pinhais, PR	≥420 min./week of MVPA	52.5%	58.5%	44.2%
Santos et al. ¹³⁵	South	Mean of MPVA per day (min./day)	168 (SD: 48)	n.a.	n.a.
Santos et al. ¹³⁶	Sergipe, SE	≥60 min./day of MVPA	n.a	38.6%	61.4%
Schaan et al. ¹³⁷	National	≥420 min./week of PA	37.8%	n.a.	n.a.
Silva et al. ¹³⁸	Florianópolis	≥300 min./week of MVPA	51.4%	24.9%	26.5%
Silva et al. ¹³⁹	National	≥300 min./week of MVPA	50.4%	20.8%	25.9%
Silva et al. ¹⁴⁰	Londrina, PR	highest quartile: active	18.3% (child and adolescent)	25.7%	10.9%
Silva et al. ¹⁴¹	Criciúma, SC	≥300 min./week of PA	10.30%	n.a.	n.a.
Silva et al. ¹⁴²	Ermelino Matarazzo, SP	TPA average ≥ 180 minutes	Weekdays 79.5%Weekend 79.6%	Weekdays 86.0% Weekend 79.0%	Weekdays 71.1% Weekend 71.1%
Silva et al. ¹⁴³	Porto Alegre, RS	Girls: 12.000 steps/day Boys: 15.000 steps/day	n.a	29.2%	12.0%
Silva et al. ¹⁴⁴	Salvador, BA	≥300 min./week of PA	10.8%	n.a.	n.a.
Silva et al. ^{i 145}	National	≥300 min./week of PA	26.6%	n.a.	n.a.
Silva, Chaput, and Tremblay ^{q 146}	National	≥60 min./day of MVPA	15.5%	n.a.	n.a.
Silva and Menezes ¹⁴⁷	Sergipe	≥300 min./week of MVPA	18.4%	11.2%	11.3%
Soares et al. ¹⁴⁸	Rio das Ostras, RJ	≥30 min./dayof PA for 7 days	31.0%	n.a.	n.a.

Tadiotto et al. ¹⁴⁹	Curitiba, PR	≥300 min./week of PA	32.1%	34.0%	30.8%
Venturini et al. ¹⁵⁰	Leopoldina, MG	IPAQ definition	Very active (14.4%) Active (30.9%)	n.a.	n.a.
Werneck et al. ¹⁵¹	Londrina, PR	Mean of MPVA per day (min./day)	519 (SD: 256)	599 (SD: 287)	448 (SD: 200)
Werneck et al. ^{q 152}	National	≥ 420 min/week	33.9%	43.30%	24.8%
Werneck et al. ^{q 153}	National	≥300 min./week of PA	34.5%	44.0%	25.4%
Zakrzewski-Fruer et al. ^{s 154}	São Paulo, SP	n.a.	59 (SD: 26)	n.a.	n.a.
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Alencar Vieira (2022)	National	≥60 min./day of MVPA	19.4	14.1	24.4
Andrade (2025)	Florianópolis, SC	Practice of sport or physical exercise in clubs, gyms, sports schools, parks, streets, or at home in the last 12 months. (yes or no). Active: Yes Inactive: No	70.5	-	-
Andrade (2023)	Salvador, BA	Active: active and very active Inactive: very sedentary, sedentary, and moderately active	20.2	-	-
Antunes Correa (2025)	Lagoa do Carro, PE	Active: low PA (1.00 to 2.74 points) Inactive: moderate to vigorous physical PA (> 2.75 points)	41.2	33.1	48.4
Argenta (2022)	Florianópolis, SC	MVPA (≥201.4 mg) LPA (≥35.6 and ≤201.4 mg) Hildebrand's (2014)	31.7	-	-
Bacil (2023)	Curitiba and São José dos Pinhais, PR	≥420 min./week of PA	43.0	53.4	33.2
Bento (2020)	Bauru, SP	Active: very active and sufficiently active Inactive: insufficiently active	73.8	83.6	64.3

Begmann (2020)	Uruguaiana, RS	Active: active and moderately active Inactive: sedentary and very sedentary.	31.2	46.9	17.5
Brand (2023)	Santa Cruz do Sul, RS	Usual practice any sport/physical activity (yes, or no); Times a week and hours/minutes per day.	130.14 (SD: 188.72)	-	-
Brito (2020)	Paraná	≥300 min./week of PA	56.3	-	-
Bueno (2020)	Londrina, PR	MVPA (≥3,028 counts/15 seconds) Romanzini et al. (2014)	9.1	10.3	8.1
Cabral (2021)	João Pessoa, PB	LPA: 101–2,295 counts/minute; MPA: 2,296–4,011 counts/minute; VPA: ≥4,012 counts/minute; MVPA: ≥2,296 counts/minute. Evenson et al.	202.5 (SD: 137.9)	-	-
Camargo (2021)	Curitiba, PR	≥420 min./week of PA	33.2	14.4	18.8
Cota (2023)	Viçosa, MG	≥420 min./week of PA	73.5	77.8	69.9
Custódio (2022)	São José, SC	≥60 min./day of MVPA	22.8	29.6	18.8
De Andrade (2021)	National	≥60 min./day of MVPA	52.6		
De Arruda (2022)	Londrina, PR	≥150 min./week of PA	60.7		
De Camargo (2023)	Curitiba, PR	≥420 min./week of PA	46	21.6	24.4
De Leon (2021)	National	≥300 min./week of PA	82.1		
De Marco (2023)	Florianópolis, SC	Frequency and weekly duration of moderate and vigorous intensity physical activity (daily volume).	69.09 (SD: 94.60)	84.93 (SD: 103.23)	50.87 (SD: 79.88)
De Marco (2025)	Florianópolis, SC	≥60 min./day of MVPA	39.5	51.2	29.1
De Victo (2021)	São Caetano do Sul, SP	AFL: >25-573 counts; AFM: ≥574-1002 counts; AFV: ≥1003 counts; e	44.2	-	-

		AFMV: ≥574 counts. Evenson et al.			
Dos Santos (2024)	Alfenas, MG	PA at least 1x/week per 30 minutes	84.2	-	-
Ferreira Lima (2020)	Paranavaí, PR	≥420 min./week of PA	59.1	-	-
Garcia (2021)	National	≥60 min./day of MVPA	27.2	36.4	18.4
Gordia (2020)	Uberaba, MG	≥60 min./day of MVPA	53.7	56.4	51.2
Lourenço (2020)	Uberaba, MG	≥300 min./week of PA	54.9	71.1	42.1
Lucena Filho (2022)	Recife, PE	Evenson (2008)	-	71.5	56.3
Maciel (2023)	Ceará	≥420 min./week of PA	40,7	47,1	34,5
Nascimento (2023)	National	≥300 min./week of PA	35.3	45.5	26.2
Pinto (2023)	National	≥300 min./week of PA	45,7	-	-
Piola (2021)	São José dos Pinhais, PR	≥420 min./week of PA	26.2	32.0	20.9
Santos (2021)	National	≥60 min./day of MVPA	8.7	13.4	4.3
Ywgne (2024)	National	≥60 min./day of MVPA	7.3	-	-

Note. Superscript equal letters over author's name refer to distinct articles from the same study;

States of Brazil: AL: Alagoas; AM: Amazonas; BA: Bahia; CE: Ceará; DF: Distrito Federal; ES: Espírito Santo; GO: Goiás; MA: Maranhão; MG: Minas Gerais; MT: Mato Grosso; PB: Paraíba; PE: Pernambuco; PI: Piauí; PR: Paraná; RJ: Rio de Janeiro; RN: Rio Grande do Norte; RO: Rondônia; RS: Rio Grande do Sul; SC: Santa Catarina; SE: Sergipe; SP: São Paulo.

a - Brazilian Guide for Evaluation of Health-Related Physical Fitness and Life Habits - Stage I / Guia Brasileiro para Avaliação da Aptidão Física e Hábitos de Vida Relacionados à Saúde - Etapa I; b - Estudo em Uruguaiana/RS – protocolo do Comitê de Ética em Pesquisa: 042/2010; c - Estilos de Vida e Comportamentos de Risco à Saúde em Estudantes do Ensino Médio no Estado de Pernambuco; d – Pesquisa Nacional de Saúde do Escolar, edição 2009 – PeNSE 2009; e – Estilo de Vida e Comportamentos de Risco dos Jovens Catarinenses, edição 2001 – COMPAC 2001; f – Estudo em Sergipe – protocolo do Comitê de Ética em Pesquisa da Universidade Federal de Sergipe (CEP/UFS): 5724.0.000.107-10.; g - Physical activity level and associated factors among high school adolescents in João Pessoa, city, - PB: an ecological approach / Nível de atividade física e fatores associados em adolescentes do ensino médio de João Pessoa, município, - PB: uma abordagem ecológica; h - Determinantes da Atividade Física e Obesidade em Escolares do Ensino Médio da Rede Pública da Cidade de Curitiba, Paraná, Brasil; i - Pesquisa Nacional de Saúde do Escolar, edição 2012 – PeNSE 2012; j – Estudo em Maringá/PR – Aprovado pelo Comitê de Ética em Pesquisa com Seres Humanos do Centro Universitário de Maringá.; k – Níveis de atividade física, aptidão física e comportamento social relacionados à saúde em escolares de Florianópolis, SC.; l - Consumo dietético e AF como determinantes das mudanças do IMC de uma coorte de adolescentes matriculados da rede pública de ensino da cidade de Piracicaba/SP.; m – Estudo em Caruaru/PE – protocolo do Comitê de Ética em Pesquisa com Seres Humanos da Faculdade ASCES: 44/2007.; n – Physical activity practice and health risk behaviors in high school students in the State of Pernambuco: a temporal trend study / Prática de atividade física e comportamentos de risco à saúde em estudantes do ensino médio no Estado de Pernambuco: um estudo de tendência temporal.; o – Estudo em Maceió-AL – Aprovado pelo Comitê de Ética do Hospital Universitário da Universidade Federal de Alagoas.; p – Estudo em Aracaju/SE – Aprovado pelo Ethics Committee on Human Research of the Federal University of Sergipe; q – Pesquisa Nacional de Saúde do Escolar,

edição 2015 – PeNSE 2015; r – Indicadores de Estilo de Vida e Saúde de Alunos do Ensino Médio no Amazonas; s – International Study of Childhood Obesity, Lifestyle and the Environment - ISCOLE.

^{\$}%very active + %active; [#]Calculated prevalences of physical activity: 100% - % of physical inactivity (original information provided in the articles); [&]Data from brazilian adolescents; ^{*}Scores 3, 4 and 5 summed.

SUPPLEMENTARY MATERIAL 4

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