Supplementary Table 1. Moderate-intensity aerobic physical activity for more than 60 min/day at least 3 times/wk

| Variable  | 2019       | 2020       | P-value | 2019       | 2020       | P-value |
|-----------|------------|------------|---------|------------|------------|---------|
| Nonobese  |            |            |         | Obese      |            |         |
| Female    | 240,756 (20.9) | 231,006 (20.4) | <0.001  | 22,307 (21.9) | 23,770 (23.0) | <0.001  |
| 12–15 Years | 169,338 (25.4) | 155,705 (24.6) | <0.001  | 12,704 (28.2) | 12,539 (28.2) | 0.982   |
| 16–18 Years | 71,419 (14.7)  | 75,301 (15.1)  | <0.001  | 9,603 (17.0)  | 11,231 (19.1) | <0.001  |
| Male      | 549,969 (47.0) | 467,258 (41.5) | <0.001  | 76,968 (41.2) | 82,647 (39.8) | <0.001  |
| 12–15 Years | 341,057 (50.9) | 272,520 (44.0) | <0.001  | 44,638 (46.8) | 48,155 (43.3) | <0.001  |
| 16–18 Years | 208,912 (41.7) | 194,738 (38.4) | <0.001  | 32,331 (35.4) | 34,492 (35.7) | 0.220   |

Values are presented as number (%).

Supplementary Table 2. Vigorous-intensity physical activity for more than 20 min/day at least 3 times/wk

| Variable  | 2019       | 2020       | P-value | 2019       | 2020       | P-value |
|-----------|------------|------------|---------|------------|------------|---------|
| Nonobese  |            |            |         | Obese      |            |         |
| Female    | 204,430 (17.7) | 181,569 (16.0) | <0.001  | 18,459 (18.2) | 19,861 (19.2) | <0.001  |
| 12–15 Years | 143,770 (21.5) | 121,407 (19.2) | <0.001  | 10,857 (24.1) | 10,507 (23.6) | 0.105   |
| 16–18 Years | 60,661 (12.5)  | 60,163 (12.0)  | <0.001  | 7,602 (13.4)  | 9,355 (15.9)  | <0.001  |
| Male      | 536,876 (45.8) | 429,397 (38.1) | <0.001  | 73,265 (39.2) | 75,564 (36.4) | <0.001  |
| 12–15 Years | 339,208 (50.6) | 250,424 (40.4) | <0.001  | 44,169 (46.3) | 45,387 (40.9) | <0.001  |
| 16–18 Years | 197,668 (39.4) | 178,974 (35.3) | <0.001  | 29,097 (31.9) | 30,177 (31.2) | 0.002   |

Values are presented as number (%).

Supplementary Table 3. Moderate-intensity aerobic physical activity rate according to socioeconomic status (SES)

| Variable  | 2019       | 2020       | P-value | 2019       | 2020       | P-value |
|-----------|------------|------------|---------|------------|------------|---------|
| Nonobese  |            |            |         | Obese      |            |         |
| Female    | 110,524 (23.3) | 128,106 (19.7) | <0.001  | 111,106 (23.4) | 120,508 (19.0) | 31,389 (19.9) | <0.001  |
| 12–15 Years | 82,601 (28.1)  | 86,129 (24.1)  | <0.001  | 81,833 (27.9)  | 74,405 (22.6)  | 16,378 (23.6)  | <0.001  |
| 16–18 Years | 26,990 (15.1)  | 41,569 (14.3)  | <0.001  | 28,949 (16.0)  | 45,962 (15.1)  | 14,794 (16.8)  | <0.001  |
| Male      | 293,747 (49.7) | 275,491 (43.6) | <0.001  | 250,605 (43.7) | 243,978 (39.5) | 66,726 (38.4) | <0.001  |
| 12–15 Years | 197,084 (50.6) | 159,605 (47.1) | <0.001  | 161,272 (46.4) | 133,825 (41.7) | 30,489 (40.7) | <0.001  |
| 16–18 Years | 94,841 (43.3)  | 114,809 (39.4) | <0.001  | 88,405 (39.3)  | 109,558 (37.2) | 35,949 (36.6) | <0.001  |

Values are presented as number (%).