Supplementary Table 4. Adjusted linear regression of waist circumference between children and parents

Variable	2016–2019			2020–2021		
	Estimate	*P*-value	R square	Estimate	*P*-value	R square
Total			0.260			0.261
WC of father	0.214	<0.001		0.242	<0.001	
WC of mother	0.268	<0.001		0.287	<0.001	
Age group (yr)						
Elementary (10–12)	-7.566	<0.001		-6.471	<0.001	
Middle school (13–15)	-2.862	<0.001		-2.918	0.027	
High school (16–18)			Reference			
Sex						
Male	5.646	<0.001		8.121	<0.001	
Female			Reference			
Household income						
Low	1.272	0.317		-1.452	0.664	
Low-middle	-0.483	0.483		2.524	0.122	
Middle-high	0.505	0.392		-1.176	0.253	
High			Reference			

Model: WC of child = β1×WC of father + β2×WC of mother + age group + sex + household income (adjusted for sex, age, and household income); WC, waist circumference; β1, WC of Father; β2, WC of mother.

Supplementary Table 5. Proportion of children's BMI ≥85th percentile among parents with obesity*

Age group (yr)	BMI of mother ≥25 kg/m^2			BMI of father ≥25 kg/m^2		
	2016–2019	2020–2021	*P*-value	2016–2019	2020–2021	*P*-value
10–12	31.5%	45%	0.019	24.7%	37.2%	0.012
13–15	32.0%	41.2%	0.198	27.1%	24.5%	0.634
16–18	36.6%	38.2%	0.801	33.5%	31.5%	0.747
10–18	33.7%	41.5%	0.062	28.8%	31.2%	0.491

BMI, body mass index.
*In this table, parental obesity was defined as BMI ≥25 kg/m^2.

Supplementary Table 6. Adjusted linear regression of body mass index between children and parents

Variable	2016–2019			2020–2021		
	Estimate	*P*-value	R square	Estimate	*P*-value	R square
Total			0.224			0.220
BMI of father	0.249	<0.001		0.285	<0.001	
BMI of mother	0.311	<0.001		0.326	<0.001	
Age group (years old)						
Elementary (10–12)	-2.743	<0.001		-2.361	<0.001	
Middle school (13–15)	-1.082	<0.001		-1.359	0.01	
High school (16–18)			reference			
Sex						
Male	0.818	<0.001		5.19		
Female			reference			
Household income						
Low	0.438	0.449		-1.14	0.292	
Low-middle	-0.296	0.26		0.854	0.176	
Middle-high	0.046	0.842		-0.499	0.199	
High			reference			

Model: BMI of child = β3×BMI of father + β4×BMI of mother + age group + sex + household income (adjusted for sex, age, and household income); BMI, body mass index; β3, BMI of Father; β4, BMI of mother