

Supplementary Materials

Table S1 Sensitive analysis for physical activity and dietary on BMDs (n=2116, 2011-2018, 8-11 years old)

BMD	Model 1			Model 2		
	F	P	R-sq.(adj)	F	P	R-sq.(adj)
Total	4.829	<0.001	0.516	4.068	0.0164	0.521
Subtotal	8.397	<0.001	0.676	6.18	<0.001	0.681
Limbs	11.51	<0.001	0.693	8.528	<0.001	0.698
Lumbar	0.609	0.382	0.435	1.612	0.137	0.439

In model 1, age, sex, race/ethnicity, height, weight, family income to poverty ratio and blood cadmium were adjusted.

In model 2, variables in model 1 plus physical activity and dietary calcium and vitamin D intake were adjusted.

Figure S1 Multivariate models for ln transformed BLLs on total BMD, subtotal BMD, limbs BMD and lumbar spine BMD. In model 1 (a): Age, sex, race/ethnicity, height, weight, family income to poverty ratio and blood cadmium were adjusted. In model 2 (b): Variables in model 1 plus physical activity and dietary calcium and vitamin D intake were adjusted.



