

Online Table S1. Characteristics of school children across 3 time points used in the current survey

Characteristics	Baseline (Jun-2019)		6-month follow-up (Dec-2019)		12-month follow-up (Jun-2020)	
	Number of Samples	Proportion	Number of Samples	Proportion	Number of Samples	Proportion
Total	1,007,149	100%	813,755	100%	768,492	100%
Gender						
Male	550,756	54.98%	445,610	54.76%	419,916	54.64%
Female	450,993	45.02%	368,145	45.24%	348,576	45.36%
Age (years)						
≤7	67,219	6.71%	58,525	7.19%	NA	NA
8	99,819	9.96%	87,486	10.75%	55,587	7.23%
9	94,737	9.46%	83,362	10.24%	83,288	10.84%
10	95,240	9.51%	83,922	10.31%	79,526	10.35%
11	95,524	9.54%	84,144	10.34%	80,011	10.41%
12	93,111	9.29%	78,419	9.64%	80,157	10.43%
13	89,565	8.94%	77,937	9.58%	74,841	9.74%
14	87,010	8.69%	77,101	9.47%	74,143	9.65%
15	84,618	8.45%	67,881	8.34%	71,785	9.34%
16	65,155	6.50%	53,890	6.62%	63,506	8.26%
17	61,292	6.12%	47,231	5.80%	50,578	6.58%
≥18	68,459	6.83%	13,859	1.70%	55,073	7.17%
Educational level						
Elementary school	580,177	57.92%	429,657	52.80%	409,143	53.24%
Junior high school	250,839	25.04%	229,302	28.18%	215,892	28.09%
Senior high school	170,733	17.04%	154,796	19.02%	143,457	18.67%
Educational system						
Non-Key school	796,161	79.48%	651,393	80.05%	616,576	80.23%
Key school	205,588	20.52%	162,362	19.95%	151,916	19.77%
District of origin						
Yueqing	170,014	16.97%	130,215	16.00%	125,472	16.33%
Pingyang	96,852	9.67%	83,793	10.30%	77,991	10.15%
Wencheng	24,201	2.42%	20,675	2.54%	19,501	2.54%
Yongjia	98,138	9.80%	78,615	9.66%	74,860	9.74%
Taishun	32,306	3.22%	26,901	3.31%	25,338	3.30%
Dongtou	13,919	1.40%	11,781	1.45%	11,532	1.50%
Ruian	150,404	15.01%	123,515	15.18%	117,482	15.29%
Ouhai	80,892	8.08%	68,609	8.43%	64,271	8.36%

Cangnan	164,972	16.47%	126,173	15.51%	82,793	10.77%
Lucheng	98,829	9.87%	81,300	9.99%	77,086	10.03%
Longwan	71,222	7.11%	62,178	7.64%	92,166	12.00%
Region of habitation						
Rural	160,170	15.99%	128,437	15.78%	119,324	15.53%
Urban	777,102	77.57%	622,398	76.48%	556,778	72.45%
Ambiguity	64,477	6.44%	62,920	7.73%	92,390	12.02%