

Supplementary Materials:

Sources, Distribution, and Health Implications of Heavy Metals in Street Dust across Industrial, Capital City, and Peri-Urban Areas of Bangladesh

Md Sohel Rana ¹, Qingyue Wang ^{1,*}, Weiqian Wang ¹, Christian Ebere Enyoh ¹, Md. Rezwanul Islam ¹ and Yugo Isobe ², Md Humayun Kabir ³

Table S1. Total variance of toxic elements concentration in street dust.

Component	Total Variance Explained					
	Initial Eigenvalues			Extraction Sums of Squared Loadings		
	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	3.836	47.954	47.954	3.836	47.954	47.954
2	1.681	21.009	68.963	1.681	21.009	68.963
3	1.057	13.219	82.182	1.057	13.219	82.182
4	0.658	8.225	90.407			
5	0.373	4.659	95.066			
6	0.225	2.819	97.885			
7	0.126	1.576	99.460			
8	0.043	0.540	100.000			

Table S2. Principal components loading scores for road dust heavy metal.

Heavy metal	Component		
	1	2	3
Cr	0.732	0.470	0.247
Mn	0.863	0.139	-0.089
Co	0.389	0.757	-0.170
Ni	0.232	0.664	0.340
Cu	0.846	-0.348	-0.005
Zn	0.911	-0.318	-0.086
Cd	0.168	-0.330	0.890
Pb	0.881	-0.310	-0.209