

**Table 6 Descriptive statistics of cadmium present in maternal blood (n = 416), cord blood (n = 309) and meconium (n = 309) for different Karachi areas**

Location	Maternal blood (n = 416)	Cord blood (ppm) (n = 309)	Meconium (ppm) (n = 309)	P
	Mean ± SD	Mean ± SD	Mean ± SD	
Baldia Town	0 ± 0.1	0.6 ± 1.3	0 ± 0	0.3587
Gadap Town	0 ± 0	0 ± 0.1	0.7 ± 0.7	0.1435
Gulbarg Town	0 ± 0.1	0.1 ± 0.3	0.3 ± 0.7	0.0317 <sup>^</sup>
Gulshan-e-Iqbal Town	0 ± 0	0 ± 0	0 ± 0	-
Hyderabad	0 ± 0	0 ± 0	0 ± 0	-
Jamshed Town	0 ± 0	0 ± 0	0 ± 0	-
Khairpur Town	0 ± 0	0 ± 0	0 ± 0	-
Korangi Town	1.2 ± 3.2	0 ± 0	3.4 ± 8.1	0.2059
Landhi Town	0 ± 0	0 ± 0.1	1.9 ± 5	0.4562
Liaquatabad Town	0 ± 0.1	0.1 ± 0.2	1.3 ± 4.9	0.1359
Lyari Town	0 ± 0	0 ± 0	4.3 ± 9.8	0.1571
Malir town	0 ± 0	0 ± 0.1	0.6 ± 1.1	0.0832
New Karachi Town	0.1 ± 0.1	0.1 ± 0.2	0 ± 0	0.1633
North Nazimabad	0.1 ± 0.3	0 ± 0	0.1 ± 0.4	0.2034
Not Mentioned	0.3 ± 0.5	0.6 ± 0.9	6.6 ± 13.4	0.4511
Orangi Town	0 ± 0	0 ± 0.1	0.1 ± 0.4	0.1747
Saddar Town	0.1 ± 0	0.1 ± 0	1.7 ± 0	<0.0001 <sup>^</sup>
Shah Faisal Town	0 ± 0.1	0 ± 0.1	8.1 ± 31.6	0.3909
Site Town	0 ± 0	0.1 ± 0.1	0 ± 0	0.4648
Steel Town	0 ± 0	0 ± 0	0 ± 0	-

Level higher than the normal Cd levels: maternal blood ppm, Cd = 0.00089 and cord blood ppm, Cd = 0.00032 (20,21) while in meconium >3± 7.44 µg/g dry wt was toxic (24).

<sup>^</sup>P-value shows that in Gulbarg town, Khairpur town, Saddar and Steel Town are significantly different by location. P-value indicates that the observed result would be highly unlikely under the null hypothesis.