

Table 1 Concentrations of Hg and Cd in marine organisms across the globe.

Organism	Region	Metal	Concentration	Reference
<i>Mytilus galloprovincialis</i>	Spanish coastline	Cd	0.400 – 2.00 $\mu\text{g g}^{-1}$ d.w.	Bartolome <i>et al.</i> , 2010
		Hg	50.00 – 350.00 $\mu\text{g g}^{-1}$ d.w.	Fernandez <i>et al.</i> , 2010
	Marmara Sea, Bosphorus	Hg	0.140–2.940 $\mu\text{g g}^{-1}$ d.w.	Kayhan, 2007
	Asian and European side	Cd	8.95–10.68 $\mu\text{g g}^{-1}$ d.w.	
		Hg	8.58 $\mu\text{g g}^{-1}$ d.w.	Stankovic <i>et al.</i> , 2011
Mollusk	Taranto Gulf	THg	n.d. to 1.87 $\mu\text{g g}^{-1}$ d.w.	Spada <i>et al.</i> , 2012
		MHg	n.d. to 1.32 $\mu\text{g g}^{-1}$ d.w.	
		THg	0.324 to 1.74 $\mu\text{g g}^{-1}$ d.w.	
Fish	Taranto Gulf	MHg	0.190 to 1.040 $\mu\text{g g}^{-1}$ d.w.	
		THg	0.324 to 1.74 $\mu\text{g g}^{-1}$ d.w.	
	Izmir Bay,	Hg	0.014 – 0.500 $\mu\text{g g}^{-1}$ wet wt.	Kucuksezgin <i>et al.</i> , 2011
		Cd	0.0001 – 0.010 $\mu\text{g g}^{-1}$ wet wt.	
	Eastern Aegean	Hg	0.001–2.070 $\mu\text{g g}^{-1}$ wet wt.	Bilandzic <i>et al.</i> , 2011
		Cd	0.001–0.850 $\mu\text{g g}^{-1}$ wet wt.	
	Adreatic sea	Hg	0.001–2.070 $\mu\text{g g}^{-1}$ wet wt.	
		Cd	0.001–0.850 $\mu\text{g g}^{-1}$ wet wt.	
	Black Sea, Turkey	Hg	25.0-84.0 $\mu\text{g g}^{-1}$ d.w.	
	Black Sea, Turkey	Cd	0.180–0.350 $\mu\text{g g}^{-1}$ d.w.	Mendil <i>et al.</i> , 2012
	Persian Gulf	THg	0.0614 to 0.433 $\mu\text{g g}^{-1}$ d.w.	Agah <i>et al.</i> , 2007
	Caspian Sea	THg	0.102 to 0.108 $\mu\text{g g}^{-1}$ w.w.	
	Atlantic ocean	Hg	0.0116-0.0003 $\mu\text{g g}^{-1}$ w.w	Vieira <i>et al.</i> , 2011
		Cd	0.0019-0.015 $\mu\text{g g}^{-1}$ w.w	
	Baltic Sea	Hg	0.033 -0.121 $\mu\text{g g}^{-1}$	Polak-Juszczak, 2012
Harbour seal (Liver)	Alaska	Hg	1.700 – 393.00 $\mu\text{g g}^{-1}$ d.w.	Marino <i>et al.</i> , 2011
Magellanic penguins	Argentina	Hg	<0.0014 and 0.367 $\mu\text{g g}^{-1}$ d.w.	Frias <i>et al.</i> , 2012
–feathers (<i>Spheniscus magellanicus</i>)				
Fish and shellfish	Spain	Hg	0.0038–1.621 $\mu\text{g g}^{-1}$ w.w.	Calatayud <i>et al.</i> , 2012