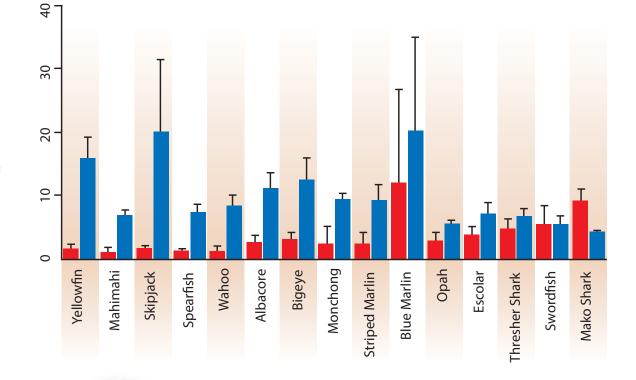
Selenium in Ocean Fish Protects Against Mercury

Selenium, an essential element in our diet, is vital to the body's antioxidant system and proper immune system function. It has anti-cancer effects and is known to detoxify metals including mercury. 1

Regardless of the amount of mercury in fish, if the selenium level is higher, the fish is safe to eat. On the graph, molar concentrations of mercury and selenium in 15 Hawaii fish species are expressed as means ± standard deviations. The graph lists the species from lowest to highest mercury-to-selenium ratios. ²

All of our popular ocean fish are an excelle nt source of health promoting selenium as well as high quality protein and omega-3 fatty acids. (Mako shark is not popular or commonly eaten in Hawaii.) Our favorite fish are more likely to protect against mercury toxicity, than cause it.



Selenium



Tel (808) 522-8220 info.wpcouncil@noaa.gov

www.wpcouncil.org



Mercury

^{*} Used by permission of the Western Pacific Regional Fishery Management Council - wpcouncil.org.