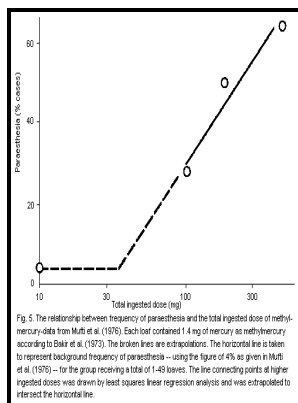


# Mercury in the environment - an epidemiological and toxicological appraisal.

CRC Press - Health Effects of Exposures to Mercury



Description: -

- Mercury -- Environmental aspects

Mercury -- Toxicology  
Mercury in the environment - an epidemiological and toxicological appraisal.

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Notes: Bibliography: p. 187-215.

This edition was published in 1972



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Tags: #Total #mercury #content #in #yellowfin #and #bigeye #tuna

## Executive Summary

Congress on Hg — the Mercury Study Report to Congress issued in December 1997 and the Utility Hazardous Air Pollutant Report to Congress issued in March 1998. The population at highest risk is the children of women who consumed large amounts of fish and seafood during pregnancy.

## Environmental mercury problem (Book)

In the case of government publications complete bibliographical data and report numbers are given.

## Enhancement of the anticoagulant response to warfarin in mercuric chloride

Acrodynia, a rare syndrome characterized by severe leg cramps; irritability; paresthesias; and painful pink fingers and peeling hands, feet, and nose, may develop in children exposed to elemental mercury, mercury salts, or phenylmercury which is rapidly metabolized to Hg<sup>2+</sup>. These nutrients are crucial to fetal development; in particular, eicosapentaenoic acid EPA, docosapentaenoic acid DPA and docosahexaenoic acid DHA appear important to ensuring optimum development of the central nervous system.

## Mercury in the environment; an epidemiological and toxicological appraisal. Editors: Lars Friberg [and] Jaroslav Vostal.

Second, we wanted to compare modeled dietary exposure with both measurements of the hair mercury concentration of subjects and with the Benchmark Dose Level obtained from major epidemiological studies on MeHg. On the basis of the available scientific data, the committee concludes that a safety factor of 2-3 will account for biological variability in dose estimation.

## Mercury in the environment: a toxicological and epidemiological appraisal (Book)

Mercury analyses were performed by flow-injection cold-vapor atomic absorption spectrometry using Perkin-Elmer apparatus FIMS-400; Perkin-Elmer, Norwalk, CT, USA. Cernichiari E, Myers GJ, Ballatori N, Zareba G, Vyas J, Clarkson T. This approach resulted in clusters of consumers with a simultaneously small dispersion regarding all types of fish i.

### **Total mercury content in yellowfin and bigeye tuna**

A 1980 survey by the National Institute for Occupational Safety and Health NIOSH estimated that 70,000 workers, of whom about one-third were women, were potentially exposed to mercury primarily mercury vapor in the workplace. Critical Organs, Critical Concentrations, and Whole Body Dose-Response Relationships.

### **Mercury in freshwater fish and clams from the Cerro Prieto geothermal field of Baja California, México**

A demonstrated relationship between mercury methylation rates and water salinity would greatly influence our thinking about mercury pollution effects in marine versus freshwater environments. Individual differences that affect the estimation of dose can be addressed in the derivation of the RfD by applying an uncertainty factor to the estimated dose. Mercury exposure in a high school laboratory--Connecticut.

## Related Books

- [Geschichte der Tilmansöhne. - Dem Jüngsten erzählt](#)
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