

Accepted Manuscript

Lead, cadmium and arsenic in human milk and their socio-demographic and lifestyle determinants in Lebanon

Maya Bassil, Farah Daou, Hussein Hassan, Osama Yamani, Joelle Abi Kharma, Zouheir Attieh, Jomana Elaridi



PII: S0045-6535(17)31696-X

DOI: 10.1016/j.chemosphere.2017.10.111

Reference: CHEM 20133

To appear in: *Chemosphere*

Received Date: 14 June 2017

Revised Date: 12 October 2017

Accepted Date: 20 October 2017

Please cite this article as: Maya Bassil, Farah Daou, Hussein Hassan, Osama Yamani, Joelle Abi Kharma, Zouheir Attieh, Jomana Elaridi, Lead, cadmium and arsenic in human milk and their socio-demographic and lifestyle determinants in Lebanon, *Chemosphere* (2017), doi: 10.1016/j.chemosphere.2017.10.111

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

**Lead, cadmium and arsenic in human milk and their socio-demographic
and lifestyle determinants in Lebanon**

Maya Bassil,^{a†} Farah Daou,^{b†} Hussein Hassan,^a Osama Yamani,^b Joelle Abi
Kharma,^a Zouheir Attieh,^b Jomana Elaridi^{a*}

- The human milk of Lebanese lactating mothers was assessed for several toxic metals
- Pb, Cd and As were found in 67.61, 40.54 and 63.51% of samples respectively
- Arsenic contamination was associated with rice/cereal and fish intake
- Cadmium contamination was associated with random smoke exposure
- Lead levels were linked to several factors related to residence and dietary habits

Download English Version:

<https://daneshyari.com/en/article/8852850>

Download Persian Version:

<https://daneshyari.com/article/8852850>

[Daneshyari.com](https://daneshyari.com)