

References

- ¹ Goyer RA. "Toxic Effects of Metals," in Klaasen CD, Editor. Casarett and Doull's Toxicology: the Basic Science of Poisons. 5th Edition. McGraw-Hill: New York; 1996, pgs 691-736.
- ² Agency for Toxic Substances and Disease Registration, US CDC. Toxicologic Profiles, Mercury. Health Effects Chapter. Available at <http://www.atsdr.cdc.gov/toxprofiles/tp46-c2.pdf> Accessed 17 Jul. 06
- ³ European Commission, SEC (2005)101 Communication from the Commission to the Council and the European Parliament on Community Strategy Concerning Mercury EXTENDED IMPACT ASSESSMENT (COM(2005) final) 28.1.2005. p 78.
- ⁴ European Commission (2005) p 2.
- ⁵ European Commission (2005) p 2.
- ⁶ World Health Organisation (2005), Mercury in Health Care, Policy Paper, August 2005, www.healthcarewaste.org
- ⁷ Gochfeld, Michael (2003), Cases of Mercury Exposure, Bioavailability and Absorption, in Ecotoxicology and Environmental Safety 56 (2003) 174 – 179, 2003 Elsevier Inc.
- ⁸ European Commission SEC (2005) 101, p.79.
- ⁹ Gochfeld, Michael (2003), op.cit.
- ¹⁰ Committee on the Toxicological Effects of Methyl Mercury (2000), Toxicological Effects of Methyl Mercury. Cardiovascular Effects, Sorensen et. al. (1999), Committee on the Toxicological Effects of Methyl Mercury, Board on Environmental Studies and Toxicology, National Research Council, ISBN: 0-309-07140-2, © National Academy of Sciences 2000.
- ¹¹ Gochfeld, Michael (2003), op.cit.
- ¹² International Programme on Chemical Safety (1990), Environmental Health Criteria 101, Methyl Mercury, WHO, 1990, available at <http://www.inchem.org/documents/ehc/ehc/ehc101.htm#SectionNumber:10.1>
- ¹³ International Programme on Chemical Safety (1990), op.cit.
- ¹⁴ WHO. International Program on Chemical Safety. Environmental Health Criteria, 101, 1990
- ¹⁵ FAO/WHO Joint Expert Committee on Food Additives (JECFA), Summary & Conclusions. 61st Meeting, Rome, 10-19 June 2003. See www.chem.unep.ch/mercury/Report/JECFA-PTWI.htm
- ¹⁶ United States Environmental Protection Agency (1997) Mercury Study Report to Congress Volume IV: An Assessment of Exposure to Mercury in the United States. <http://www.epa.gov/ttn/oarpg/t3/reports/volume4.pdf>
- ¹⁷ European Commission SEC (2005) 101, p.79
- ¹⁸ Orris, Peter (2006), Mercury Impact and Sources, Mercury in Health Care South East Asia Conference, January 25 2006, Peter Orris, Occupational Health Services Institute, School of Public Health, University of Illinois at Chicago.
- ¹⁹ WHO Air Quality Guidelines (2000) (Chap. 6.9), WHO Regional Office for Europe, Copenhagen, Denmark, 2000 available at www.euro.who.int/document/aicq/6_9mercury.pdf
- ²⁰ European Commission, SEC (2005), op.cit
- ²¹ Committee on the Toxicological Effects of Methyl Mercury (2000), National Academy of Sciences op.cit.
- ²² Physicians for Social Responsibility (2004), Health Effects of Mercury, Factsheet No. 4
- ²³ WHO. International Program on Chemical Safety .Environmental Health Criteria, 101, 1990
- ²⁴ European Commission SEC (2005), P 84.
- ²⁵ Murata, K., Weihe, P., Budtz-Jorgensen, Jorgensen, P.J. and Grandjean, P., (2004) Delayed brainstem auditory evoked potential latencies in 14 year old children exposed to methyl mercury. J. Pediatr. 144:177 - 183
- ²⁶ European Commission. SEC (2005)101, referring to Carta et al, 2003, op.cit.
- ²⁷ Montuori P. et al. (2006) Mercury speciation in the hair of pre-school children living near a chlor-alkali plant. Sci Total Environ. 2006 Oct 1;369(1-3):51-8.
- ²⁸ K. Becker and al. (2002) Umwelt-Survey 1998, Band III: Human-Biomonitoring Stoffgehalte in Blut und Urin der Bevölkerung in Deutschland. WaBoLu-Hefte Nr. 01/2002. Umweltbundesamt
- ²⁹ K. A. Björnberg et al. (2003) Methyl Mercury and Inorganic Mercury in Swedish Pregnant Women and in Cord Blood: Influence of Fish Consumption. Environ Health Perspect 111:637-641 (2003) .
- ³⁰ Oken e al. (2005), Maternal Fish Consumption, Hair Mercury, and Infant Cognition in a U.S. Cohort. VOLUME 113 | NUMBER 10 | October 2005 • Environmental Health Perspectives.
- ³¹ State Health Institute (1998), Biomonitoring of health conditions in population in relation to the Environment. Subsystem 5. Health Impacts from Exposure to toxic substance from outside environment. (Human Biomonitoring). Report from years 1997 to 2003. Yearbook. State Health Institute, Prague, June 1998 through 2004.
- ³² Physicians for Social Responsibility (2004) Mercury in fish. See www.mercuryaction.org/uploads/PSR_Hg3_FishC.pdf
- ³³ European Food Safety Authority. Press Release. EFSA provides risk assessment on mercury in fish: Precautionary advice given to vulnerable groups. 18 March 2004. www.efsa.eu.int/press_room/press_release/258_en.html accessed 8 June 2005.
- ³⁴ European Commission (2004) Information Note. Methyl mercury in fish and fishery products 12 May 2004 http://europa.eu.int/comm/food/food/chemicalsafety/contaminants/information_note_mercury-fish_12-05-04.pdf.
- ³⁵ European Commission SEC(2005)101, op.cit. P84.
- ³⁶ Oken, E, et. al. (2005), op.cit.
- ³⁷ Chart adapted from WHO Training Package for the Health Sector on Children's Environmental Health"- www.who.int/ceh. References used Casarett and Doull, Toxicology – The basic science of poisons. 5th Ed..Ed: Klaassen., Mc-Graw-Hill, 1996.: Grandjean, Cardiac autonomic activity in methylmercury neurotoxicity: 14-year follow-up of a Faroese birth cohort. J Pediatr. (2004) 144(2):169
- ³⁸ Committee on the Toxicological Effects of Methyl Mercury (2000), National Academy of Sciences, op.cit.
- ³⁹ Committee on the Toxicological Effects of Methyl Mercury (2000), National Academy of Sciences. Executive Summary., op.cit.
- ⁴⁰ Debes, Frodi;, Budtz-Jorgensen, Esben; Weihe, Pal; White, Roberta F.; Grandjean, Philippe. (2006), Impact of prenatal methylmercury exposure on neurobehavioural function at 14 years, Neurotoxicology and Teratology 28 (2006) 363-375, (c) 2006 Elsevier Inc.
- ⁴¹ Committee on the Toxicological Effects of Methyl Mercury (2000), National Academy of Sciences, op.cit.
- ⁴² European Commission, SEC (2005), P. 80, op.cit.
- ⁴³ Committee on the Toxicological Effects of Methyl Mercury (2000), op.cit. Chapter 5 Health Effects of Methylmercury, Developing Central Nervous System Toxicity, (Weiss 1998).
- ⁴⁴ Cohen, J.T., Bellinger, D.C., and Shaywitz, B.A. (2005), A Quantitative Analysis of Prenatal Methyl Mercury Exposure and Cognitive Development, American Journal of Preventive Medicine, Volume 29, Issue 4, November 2005.
- ⁴⁵ Oken e al. (2005), Maternal Fish Consumption, Hair Mercury, and Infant Cognition in a U.S. Cohort. VOLUME 113 | NUMBER 10 | October 2005 • Environmental Health Perspectives.
- ⁴⁶ Grandjean, P., Landrigan, P.J., (2006), Developmental neurotoxicity of industrial chemicals, The Lancet, November 8, 2006 DOI:10.1016/50140-673(06)69665-7
- ⁴⁷ Trasande, Leonardo., Landrigan, Philip J., & Schechter, Clyde., (2005), Public Health and Economic Consequences of Methyl Mercury to the Developing Brain, Mount Sinai School of Medicine, New York, Environ Health Perspect 113:590-596 (2005).
- ⁴⁸ Trasande, Leonardo., Landrigan, Philip J., & Schechter, Clyde., (2005), op.cit.

- ⁴⁹ Murata, K., Weihe, P., Budtz-Jorgensen, Jorgensen, P.J. and Grandjean, P., (2004) Delayed brainstem auditory evoked potential latencies in 14 year old children exposed to methyl mercury. *J. Pediatr.* 144:177 - 183
- ⁵⁰ European Commission SEC (2005), P. 80.
- ⁵¹ Grandjean, P., Landrigan, P.J., (2006), op.cit.
- ⁵² Stringer, R.L. & Johnston, P.A. (2001) Chlorine and the Environment: An Overview of the Chlorine Industry. Publ. Kluwer Academic Publishers, Dordrecht, Netherlands. ISBN 0-7923-6797-9, 429 pp.
- ⁵³ European Commission (2006). DG Environment. Mercury Strategy Consultation Document, Brussels, 15 March 2004. Available online <http://ec.europa.eu/environment/chemicals/mercury/pdf/consultation.pdf>, accessed 11 July 2006. p.5
- ⁵⁴ Partly adapted from US Department of Health & Human Services, Public Health Services, Agency for Toxic Substances and Disease Registry. Case Studies in Environmental Medicine. Mercury Toxicity. March 1992.
- ⁵⁵ Additional sources for the table: World Health Organisation (2005), Training for Health Care Providers, MERCURY. 27 June 2005. P. 14-20, Schettler, T. et. Al. (1999) Generations at Risk, MIT Press, Cambridge, pp. 57-62.
- ⁵⁶ Maxson, P., (2006), Mercury Flows and Safe Storage of Surplus Mercury. Concorde Sprl. For EU Commission, DG Environment, August 2006. http://ec.europa.eu/environment/chemicals/mercury/pdf/hg_flows_safe_storage.pdf
- ⁵⁷ Maxson, P., (2006), op.cit. p 21.
- ⁵⁸ European Commission, SEC(2005)101, op.cit., p. 14
- ⁵⁹ DG Environment, European Commission (2006), Draft "Impact Assessment for a Regulation on the Banning of Export and the Safe Storage of Mercury," draft July 2006.
- ⁶⁰ Maxson, P., (2006), op.cit. p 5.
- ⁶¹ European Commission, SEC(2005)101, op.cit. p. 13, 24.
- ⁶² European Commission. DG Environment. SEC(2005) 101. op.cit.
- ⁶³ Zero Mercury. Key Issues and Policy Recommendations for the EU Strategy on Mercury. Editor Elena Lymberidi. EEB, EEN, HCWH, Ban Hg-Wg. December 2005. p.26-27
- ⁶⁴ WHO Department of Protection of the Human Environment Water, Sanitation and Health. (2005) WHO Policy Paper: Mercury in Healthcare, August 2005.
- ⁶⁵ Pacyna et. al., (2003), in Extended Impact Assessment to the Community Strategy on Mercury COM(2005)20 final, Annex 3, p. 110
- ⁶⁶ OSPAR (2003): "Mercury losses from the chlor-alkali industry (1982-2001)," OSPAR Commission, 2003.
- ⁶⁷ Directive 2000/60/EC of the European Parliament and of the Council of 23 October 2000 establishing a framework for Community action in the field of water policy, OJ L 327, 22.12.2000, as amended by Decision 2001/2455/EC of the European Parliament and of the Council of 20 November 2001 establishing the list of priority substances in the field of water policy, OJ L 331, 15.12.2001.
- ⁶⁸ Maxson, P., (2006), op.cit.
- ⁶⁹ WHO Department of Protection of the Human Environment Water, Sanitation and Health WHO (2005) op.cit. http://whqlibdoc.who.int/hq/2005/WHO_SDE_WSH_05.08.pdf and Agency for Toxic Substances and Disease Registry (ATSDR). 1999. Toxicological profile for mercury. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.
- ⁷⁰ UK National Atmospheric Emissions Inventory (NAEI)
- ⁷¹ DEFRA (2004), Mercury emissions from crematoria. Second consultation. Defra/WAG/SE. July 2004. p.15 <http://www.defra.gov.uk/corporate/consult/crematoria-two/consultation.pdf> Accessed on 21 July 2006.
- ⁷² EU Commission. 2006. Proposal for a DIRECTIVE OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL amending Council Directive 76/769/EEC relating to restrictions on the marketing of certain measuring devices containing Mercury. Brussels, 21.2.2006, COM(2006) 69 final, 2006/0018 (COD), p.3
- ⁷³ European Commission, SEC(2005)101, op.cit, p. 77
- ⁷⁴ European Commission, SEC(2005)101, op.cit., p. 77
- ⁷⁵ European Commission. SEC (2005)101, op.cit., p. 3.
- ⁷⁶ KEMI (2004) - Swedish Chemical Inspectorate. Mercury – Investigation of a general ban accessed at http://www.kemi.se/upload/Trycksaker/Pdf/Rapporter/Rapport4_04.pdf , p.18
- ⁷⁷ KEMI (2004) – Swedish Chemical Inspectorate (2005b) Mercury-free blood pressure measurement equipment – Experiences in the Swedish healthcare sector. Sundbyberg. November 2005, p. 4.
- ⁷⁸ KEMI (2004), op.cit. - accessed 13 June 2005, p. 33.
- ⁷⁹ Lymberidi, Elena (2005), op.cit.
- ⁸⁰ Lymberidi, Elena (2005), op.cit.
- ⁸¹ UNEP (2002), Global Mercury Assessment, December 2002. Summary of the report, paragraphs 11-14, <http://www.chem.unep.ch/MERCURY/PROGRESS.htm> (accessed 19/10 06)
- ⁸² UNEP Chemicals (2005)Environment leaders continue to call for action on mercury, UNEP Chemicals Mercury Programme, July 2005, <http://www.chem.unep.ch/MERCURY/PROGRESS.htm> (accessed 19/10 06)
- ⁸³ UNEP (2005), UNEP GC Decision 23/9 IV.
- ⁸⁴ European Commission SEC (2005). op.cit
- ⁸⁵ European Commission (1991), Council Directive 91/689/EEC of 12 December 1991 on hazardous waste *Official Journal L 377* , 31/12/1991 P. 0020 – 0027 <http://europa.eu.int/eur-lex/lex/LexUriServ/LexUriServ.do?uri=CELEX:31991L0689:EN:HTML>
- ⁸⁶ European Commission (1991), Directive 91/157/EEC on batteries and accumulators containing certain dangerous substances
- ⁸⁷ European Commission (2006) "DIRECTIVE 2006/66/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on batteries and accumulators and waste batteries and accumulators and repealing Directive 91/157/EEC". Adopted on 6 September 2006. See http://eur-lex.europa.eu/LexUriServ/site/en/oj/2006/l_266/l_26620060926en00010014.pdf accessed 15/12/06
- ⁸⁸ European Commission (2000), "Directive 2000/60/EC of the European Parliament and of the Council establishing a framework for the Community action in the field of water policy" or, in short, the **EU Water Framework Directive** (or even shorter the WFD), adopted, 23 October 2000, see: http://ec.europa.eu/environment/water/water-framework/index_en.html, accessed 20/10/06
- ⁸⁹ European Commission (2002), Directive 2002/95/EC on the restriction of the use of certain hazardous substances in electrical and electronic equipment. See more about the directive and regulations at http://ec.europa.eu/environment/waste/weee_index.htm See the text of the ROHS Directive <http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CELEX:32002L0095:EN:HTML>
- ⁹⁰ European Commission (2002), WEEE Directive 2002/96/EC on waste electrical and electronic equipment. To learn more about WEEE, consult the web http://ec.europa.eu/environment/waste/weee_index.htm
- ⁹¹ KEMI (2004) – op.cit. accessed 13 June 2005, p. 31
- ⁹² See <http://www.ospar.org/documents/dbase/decrecs/decisions/pd90-03e.doc> for more details. Accessed on 15/12/06
- ⁹³ PARCOM (1990) Parcom decision 90/3 of 14 June 1990 on reducing atmospheric emissions from existing chlor-alkali plants.
- ⁹⁴ EU Commission. 2006. Proposal for a DIRECTIVE OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL amending Council Directive 76/769/EEC relating to restrictions on the marketing of certain measuring devices containing Mercury. Brussels, 21.2.2006, COM(2006) 69 final, 2006/0018 (COD), p.3
- ⁹⁵ European Commission SEC(2005).op.cit. .
- ⁹⁶ European Parliament (2005), Texts adopted by Parliament Wednesday 23 February 2005 <http://www2.europarl.eu.int/omk/sipade2?PUBREF=-//EP//TEXT+TA+20050223+ITEMS+DOC+XML+V0//EN&LEVEL=3&NAV=X#sdocta10> accessed 27 June 2005
- ⁹⁷ European Commission, DG Environment, Biomonitoring web page www.eu-biomonitoring.org
- ⁹⁸ For more info see www.phime.org
- ⁹⁹ European Commission, SEC(2005)101, op.cit., p 15.
- ¹⁰⁰ European Commission, SEC(2005)101, op.cit., p 15.