

Table of References

About This Report	307
Environments and Contaminants	308
Criteria Air Pollutants.....	308
Hazardous Air Pollutants.....	310
Indoor Environments	312
Drinking Water Contaminants	315
Chemicals in Food	320
Contaminated Lands	326
Climate Change	327
Biomonitoring	330
Introduction	330
Lead.....	330
Mercury.....	333
Cotinine.....	336
Perfluorochemicals (PFCs)	337
Polychlorinated Biphenyls (PCBs)	342
Polybrominated Diphenyl Ethers (PBDEs)	345
Phthalates	347
Bisphenol A (BPA)	351
Perchlorate.....	354
Health	358
Introduction	358
Respiratory Diseases.....	358
Childhood Cancer.....	362
Neurodevelopmental Disorders	365
Obesity	373
Adverse Birth Outcomes.....	377
Supplementary Topics	382
Birth Defects	382
Contaminants in Schools and Child Care Facilities	385

About This Report

1. World Health Organization. 2012. *Environmental Health*. WHO Department of Public Health and the Environment. Retrieved August 1, 2012 from http://www.who.int/topics/environmental_health/en/.
2. Executive Office of the President. 1997. Executive Order 1305: Protection of Children from Environmental Health Risks and Safety Risks. *Federal Register* 62 (78).
3. Children's Health Protection Advisory Committee. 2009. *Letter (Dated September 9, 2009) to EPA Administrator Lisa P. Jackson Regarding EPA's America's Children and the Environment Report*. Oakland, CA: Children's Health Protection Advisory Committee. [http://yosemite.epa.gov/ochp/ochpweb.nsf/content/ACERecs.htm/\\$file/ACE%20Recommendation.pdf](http://yosemite.epa.gov/ochp/ochpweb.nsf/content/ACERecs.htm/$file/ACE%20Recommendation.pdf).
4. Children's Health Protection Advisory Committee. 2009. *Report of the Task Group of the Children's Health Protection Advisory Committee on America's Children and the Environment, Third Edition*. Oakland, CA: Children's Health Protection Advisory Committee. [http://yosemite.epa.gov/ochp/ochpweb.nsf/content/ACETask.htm/\\$file/ACE%20Task%20Group%20Report.pdf](http://yosemite.epa.gov/ochp/ochpweb.nsf/content/ACETask.htm/$file/ACE%20Task%20Group%20Report.pdf).
5. U.S. Census Bureau. 2011. *Poverty Thresholds by Size of Family and Number of Related Children Under 18 Years: 2010*. U.S. Census Bureau. Retrieved August 20, 2011 from http://www.census.gov/hhes/www/cpstables/032011/pov/new35_000.htm.
6. U.S. Census Bureau. 2011. *Income, Poverty and Health Insurance Coverage in the United States: 2010*. Washington, DC: U.S. Government Printing Office. Current Population Reports, P60-239. <http://www.census.gov/prod/2011pubs/p60-239.pdf>.
7. Executive Office of the President. 1994. Executive Order 12898. Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations. *Federal Register* 59 (32).
8. Healthy People. 2011. *About Healthy People*. U.S. Department of Health and Human Services. Retrieved August 20, 2011 from <http://www.healthypeople.gov/2020/about/default.aspx>.
9. Healthy People. 2011. *Disparities*. U.S. Department of Health of Human Services. Retrieved August 20, 2011 from <http://www.healthypeople.gov/2020/about/disparitiesAbout.aspx>.
10. National Research Council. 2008. *Phthalates and Cumulative Risk Assessment: The Tasks Ahead*. Washington, DC: National Academies Press. 978-0-309-12841-4. http://www.nap.edu/catalog.php?record_id=12528#toc.
11. Olden, K., N. Freudenberg, J. Dowd, and A.E. Shields. 2011. Discovering how environmental exposures alter genes could lead to new treatments for chronic illnesses. *Health Affairs* 30 (5):833-41.
12. Rappaport, S.M., and M.T. Smith. 2010. Epidemiology: Environment and disease risks. *Science* 330 (6003):460-461.
13. Willett, W.C. 2002. Balancing life-style and genomics research for disease prevention. *Science* 296 (5568):695-698.
14. Selevan, S.G., C.A. Kimmel, and P. Mendola. 2000. Identifying critical windows of exposure for children's health. *Environmental Health Perspectives* 108 Supplement 3:451-5.
15. U.S. Environmental Protection Agency. 2006. *A Framework for Assessing Health Risks of Environmental Exposures to Children*. Washington, DC: U.S. EPA, National Center for Environmental Assessment. <http://cfpub.epa.gov/ncea/cfm/recordisplay.cfm?deid=158363>.

Environments and Contaminants

Criteria Air Pollutants

1. U.S. Environmental Protection Agency. 2010. *Clean Air Act*. U.S. EPA, Office of Air and Radiation. Retrieved December 28, 2010 from <http://www.epa.gov/air/caa/>.
2. U.S. Environmental Protection Agency. 2006. *Air Quality Criteria for Ozone and Related Photochemical Oxidants (Final Report)*. Washington, DC: U.S. EPA, National Center for Environmental Assessment. EPA/600/R-05/004aF-cF. <http://cfpub.epa.gov/ncea/isa/recordisplay.cfm?deid=149923>.
3. U.S. Environmental Protection Agency. 2006. *Air Quality Criteria for Lead (Final Report)*. Washington, DC: U.S. EPA, National Center for Environmental Assessment. EPA/600/R-05/144aF-bF. <http://cfpub.epa.gov/ncea/isa/recordisplay.cfm?deid=158823>.
4. U.S. Environmental Protection Agency. 2008. *Integrated Science Assessment for Oxides of Nitrogen — Health Criteria (Final Report)*. Washington, DC: National Center for Environmental Assessment. EPA/600/R-08/071. <http://cfpub.epa.gov/ncea/isa/recordisplay.cfm?deid=194645>.
5. U.S. Environmental Protection Agency. 2008. *Integrated Science Assessment for Sulfur Oxides — Health Criteria (Final Report)*. Washington, DC: U.S. EPA, National Center for Environmental Assessment. EPA/600/R-08/047F. <http://cfpub.epa.gov/ncea/isa/recordisplay.cfm?deid=198843>.
6. U.S. Environmental Protection Agency. 2009. *Integrated Science Assessment for Particulate Matter (Final Report)*. Washington, DC: U.S. EPA, National Center for Environmental Assessment. EPA/600/R-08/139F. <http://cfpub.epa.gov/ncea/CFM/recordisplay.cfm?deid=216546>.
7. U.S. Environmental Protection Agency. 2010. *Integrated Science Assessment for Carbon Monoxide (Final Report)*. Washington, DC: U.S. EPA, National Center for Environmental Assessment. EPA/600/R-09/019F. <http://cfpub.epa.gov/ncea/cfm/recordisplay.cfm?deid=218686>.
8. U.S. Environmental Protection Agency. 2009. *National Ambient Air Quality Standards (NAAQS)*. Retrieved May 21, 2009 from <http://www.epa.gov/ttn/naaqs/>.
9. Bateson, T.F., and J. Schwartz. 2008. Children's response to air pollutants. *Journal of Toxicology and Environmental Health* 71 (3):238-43.
10. Kampa, M., and E. Castanas. 2008. Human health effects of air pollution. *Environmental Pollution* 151 (2):362-7.
11. Latza, U., S. Gerdes, and X. Baur. 2008. Effects of nitrogen dioxide on human health: Systematic review of experimental and epidemiological studies conducted between 2002 and 2006. *International Journal of Hygiene and Environmental Health*.
12. Salvi, S. 2007. Health effects of ambient air pollution in children. *Paediatric Respiratory Reviews* 8 (4):275-80.
13. Wigle, D.T., T.E. Arbuckle, M. Walker, M.G. Wade, S. Liu, and D. Krewski. 2007. Environmental hazards: Evidence for effects on child health. *Toxicology and Environmental Health Part B: Critical Reviews* 10 (1-2):3-39.
14. Ginsberg, G., B. Foos, R.B. Dzubow, and M. Firestone. 2010. Options for incorporating children's inhaled dose into human health risk assessment. *Inhalation Toxicology* 22 (8):627-47.
15. Ginsberg, G.L., B. Asgharian, J.S. Kimbell, J.S. Ultman, and A.M. Jarabek. 2008. Modeling approaches for estimating the dosimetry of inhaled toxicants in children. *Journal of Toxicology and Environmental Health* 71 (3):166-95.
16. Ginsberg, G.L., B.P. Foos, and M.P. Firestone. 2005. Review and analysis of inhalation dosimetry methods for application to children's risk assessment. *Journal of Toxicology and Environmental Health* 68 (8):573-615.
17. Makri, A., M. Goveia, J. Balbus, and R. Parkin. 2004. Children's susceptibility to chemicals: A review by developmental stage. *Toxicology and Environmental Health Part B: Critical Reviews* 7 (6):417-35.
18. U.S. Environmental Protection Agency. 2008. National Ambient Air Quality Standards for Lead: Final Rule. *Federal Register* 73 (219):66964-67062.
19. U.S. Environmental Protection Agency. 2008. National Ambient Air Quality Standards for Ozone: Final Rule. *Federal Register* 73 (60):16436-16514.
20. U.S. Environmental Protection Agency. 2006. National Ambient Air Quality Standards for Particulate Matter: Final Rule. *Federal Register* 71 (200):61143-61233.
21. Kajekar, R. 2007. Environmental factors and developmental outcomes in the lung. *Pharmacology & Therapeutics* 114 (2):129-45.
22. Islam, T., K. Berhane, R. McConnell, W.J. Gauderman, E. Avol, J.M. Peters, and F.D. Gilliland. 2009. Glutathione-S-transferase (GST) P1, GSTM1, exercise, ozone and asthma incidence in school children. *Thorax* 64 (3):197-202.
23. Islam, T., R. McConnell, W.J. Gauderman, E. Avol, J.M. Peters, and F.D. Gilliland. 2008. Ozone, oxidant defense genes, and risk of asthma during adolescence. *American Journal of Respiratory and Critical Care Medicine* 177 (4):388-95.

Criteria Air Pollutants (continued)

24. McConnell, R., K. Berhane, F. Gilliland, S.J. London, T. Islam, W.J. Gauderman, E. Avol, H.G. Margolis, and J.M. Peters. 2002. Asthma in exercising children exposed to ozone: A cohort study. *Lancet* 359 (9304):386-91.
25. Clark, N.A., P.A. Demers, C.J. Karr, M. Koehoorn, C. Lencar, L. Tamburic, and M. Brauer. 2010. Effect of early life exposure to air pollution on development of childhood asthma. *Environmental Health Perspectives* 118 (2):284-90.
26. Mortimer, K., R. Neugebauer, F. Lurmann, S. Alcorn, J. Balmes, and I. Tager. 2008. Air pollution and pulmonary function in asthmatic children: Effects of prenatal and lifetime exposures. *Epidemiology* 19 (4):550-7; discussion 561-2.
27. Mortimer, K., R. Neugebauer, F. Lurmann, S. Alcorn, J. Balmes, and I. Tager. 2008. Early-lifetime exposure to air pollution and allergic sensitization in children with asthma. *Journal of Asthma* 45 (10):874-81.
28. Gauderman, W.J., E. Avol, F. Gilliland, H. Vora, D. Thomas, K. Berhane, R. McConnell, N. Kuenzli, F. Lurmann, E. Rappaport, et al. 2004. The effect of air pollution on lung development from 10 to 18 years of age. *The New England Journal of Medicine* 351 (11):1057-67.
29. Gehring, U., A.H. Wijga, M. Brauer, P. Fischer, J.C. de Jongste, M. Kerkhof, M. Oldenwening, H.A. Smit, and B. Brunekreef. 2010. Traffic-related air pollution and the development of asthma and allergies during the first 8 years of life. *American Journal of Respiratory and Critical Care Medicine* 181 (6):596-603.
30. Jerrett, M., K. Shankardass, K. Berhane, W.J. Gauderman, N. Kunzli, E. Avol, F. Gilliland, F. Lurmann, J.N. Molitor, J.T. Molitor, et al. 2008. Traffic-related air pollution and asthma onset in children: A prospective cohort study with individual exposure measurement. *Environmental Health Perspectives* 116 (10):1433-8.
31. Karr, C.J., P.A. Demers, M.W. Koehoorn, C.C. Lencar, L. Tamburic, and M. Brauer. 2009. Influence of ambient air pollutant sources on clinical encounters for infant bronchiolitis. *American Journal of Respiratory and Critical Care Medicine* 180 (10):995-1001.
32. McConnell, R., K. Berhane, L. Yao, M. Jerrett, F. Lurmann, F. Gilliland, N. Kunzli, J. Gauderman, E. Avol, D. Thomas, et al. 2006. Traffic, susceptibility, and childhood asthma. *Environmental Health Perspectives* 114 (5):766-72.
33. McConnell, R., T. Islam, K. Shankardass, M. Jerrett, F. Lurmann, F. Gilliland, J. Gauderman, E. Avol, N. Kunzli, L. Yao, et al. 2010. Childhood incident asthma and traffic-related air pollution at home and school. *Environmental Health Perspectives* 118 (7):1021-6.
34. Morgenstern, V., A. Zutavern, J. Cyrys, I. Brockow, U. Gehring, S. Koletzko, C.P. Bauer, D. Reinhardt, H.E. Wichmann, and J. Heinrich. 2007. Respiratory health and individual estimated exposure to traffic-related air pollutants in a cohort of young children. *Occupational and Environmental Medicine* 64 (1):8-16.
35. Salam, M.T., T. Islam, and F.D. Gilliland. 2008. Recent evidence for adverse effects of residential proximity to traffic sources on asthma. *Current Opinion in Pulmonary Medicine* 14 (1):3-8.
36. Health Effects Institute. 2010. *Traffic-Related Air Pollution: A Critical Review of the Literature on Emissions, Exposure, and Health Effects*. Boston, Massachusetts: Health Effects Institute.
37. Bartra, J., J. Mullol, A. del Cuvillo, I. Davila, M. Ferrer, I. Jauregui, J. Montoro, J. Sastre, and A. Valero. 2007. Air pollution and allergens. *Journal of Investigative Allergology and Clinical Immunology* 17 Suppl 2:3-8.
38. Bråbäck, L., and B. Forsberg. 2009. Does traffic exhaust contribute to the development of asthma and allergic sensitization in children: Findings from recent cohort studies. *Environmental Health* 8:17.
39. Krzyzanowski, M., B. Kuna-Dibbert, and J. Schneider, eds. 2005. *Health Effects of Transport-related Air Pollution*. Copenhagen, Denmark: World Health Organization.
40. U.S. Environmental Protection Agency. 2009. *Air Quality Index: A Guide to Air Quality and Your Health*. Research Triangle Park, NC: U.S. EPA, Office of Air Quality Planning and Standards. EPA-456/F-09-002. http://www.epa.gov/airnow/aqi_brochure_08-09.pdf.
41. U.S. Environmental Protection Agency. 2010. *The Green Book Nonattainment Areas for Criteria Pollutants*. U.S. EPA. Retrieved December 28, 2010 from <http://www.epa.gov/air/oaqps/greenbk/>.
42. U.S. Environmental Protection Agency. 2010. Primary National Ambient Air Quality Standards for Nitrogen Dioxide: Final Rule. *Federal Register* 75 (26):6474-6537.
43. U.S. Environmental Protection Agency. 2010. Primary National Ambient Air Quality Standard for Sulfur Dioxide: Final Rule. *Federal Register* 75 (119):35520-35603.
44. U.S. Environmental Protection Agency. 2010. *Revisions to Lead Ambient Air Monitoring Requirements: Final Rule*. U.S. EPA. Retrieved February 8, 2011 from <http://www.gpo.gov/fdsys/pkg/FR-2010-12-27/pdf/2010-32153.pdf>.
45. Harnett, W. 2009. *Guidance on SIP Elements Required Under Sections 110(a)(1) and (2) for the 2006 24-Hour Fine Particle (PM_{2.5}) National Ambient Air Quality Standards (NAAQS)*. Washington, DC: U.S. EPA, Office of Air Quality Planning and Standards. Memo from William Harnett, Director, Air Quality Policy Division, U.S. EPA Office of Air Quality Planning and Standards, to Regional Air Division Directors, EPA Regions 1-10, September 25, 2009.

Hazardous Air Pollutants

1. U.S. Environmental Protection Agency. 2009. *About Air Toxics*. Retrieved August 6, 2009 from www.epa.gov/ttn/atw/allabout.html.
2. Leikauf, G.D. 2002. Hazardous air pollutants and asthma. *Environmental Health Perspectives* 110 Suppl 4:505-26.
3. McGwin, G., J. Lienert, and J.I. Kennedy. 2010. Formaldehyde exposure and asthma in children: a systematic review. *Environmental Health Perspectives* 118 (3):313-7.
4. McMartin, K.I., M. Chu, E. Kopecky, T.R. Einarson, and G. Koren. 1998. Pregnancy outcome following maternal organic solvent exposure: a meta-analysis of epidemiologic studies. *American Journal of Industrial Medicine* 34 (3):288-92.
5. National Toxicology Program. 2011. *Report on Carcinogens, 12th Edition*. Research Triangle Park, NC: U.S. Department of Health and Human Services, National Toxicology Program. <http://ntp.niehs.nih.gov/ntp/roc/twelfth/roc12.pdf>.
6. Perera, F.P., Z. Li, R. Whyatt, L. Hoepner, S. Wang, D. Camann, and V. Rauh. 2009. Prenatal airborne polycyclic aromatic hydrocarbon exposure and child IQ at age 5 years. *Pediatrics* 124 (2):e195-202.
7. Perera, F.P., S. Wang, J. Vishnevetsky, B. Zhang, K.J. Cole, D. Tang, V. Rauh, and D.H. Phillips. 2011. PAH/Aromatic DNA Adducts in Cord Blood and Behavior Scores in New York City Children. *Environmental Health Perspectives* 119 (8):1176-81.
8. Schantz, S.L., J.J. Widholm, and D.C. Rice. 2003. Effects of PCB exposure on neuropsychological function in children. *Environmental Health Perspectives* 111 (3):357-576.
9. Wigle, D.T., T.E. Arbuckle, M.C. Turner, A. Berube, Q. Yang, S. Liu, and D. Krewski. 2008. Epidemiologic evidence of relationships between reproductive and child health outcomes and environmental chemical contaminants. *Journal of Toxicology and Environmental Health Part B: Critical Reviews* 11 (5-6):373-517.
10. U.S. Environmental Protection Agency. 2011. *IRIS Summaries: Benzene (CASRN 71-43-2)*. U.S. EPA, National Center for Environmental Assessment. Retrieved June 6, 2011 from <http://www.epa.gov/iris/subst/0276.htm>.
11. U.S. Environmental Protection Agency. 2011. *IRIS Summaries: Vinyl Chloride (CASRN 75-01-4)*. U.S. EPA, National Center for Environmental Assessment. Retrieved June 6, 2011 from <http://www.epa.gov/iris/subst/1001.htm>.
12. U.S. Environmental Protection Agency. 2011. *IRIS Summaries: 1,3 Butadiene (CASRN 106-99-0)*. U.S. EPA, National Center for Environmental Assessment. Retrieved June 6, 2011 from <http://www.epa.gov/iris/subst/0139.htm>.
13. U.S. Environmental Protection Agency. 2011. *IRIS Summaries: Chromium (VI) (CASRN 18540-29-9)*. U.S. EPA, National Center for Environmental Assessment. Retrieved June 6, 2011 from <http://www.epa.gov/iris/subst/0144.htm>.
14. U.S. Environmental Protection Agency. 2011. *IRIS Summaries: Nickel Subsulfide (CASRN 12035-72-2)*. U.S. EPA, National Center for Environmental Assessment. Retrieved June 6, 2011 from <http://www.epa.gov/iris/subst/0273.htm>.
15. U.S. Environmental Protection Agency. 2011. *IRIS Summaries: 2,4-/2,6-Toluene diisocyanate mixture (TDI) (CASRN 26471-62-5)*. U.S. EPA, National Center for Environmental Assessment. Retrieved June 6, 2011 from <http://www.epa.gov/iris/subst/0503.htm>.
16. U.S. Environmental Protection Agency. 2011. *IRIS Summaries: Manganese (CASRN 7439-96-5)*. U.S. EPA, National Center for Environmental Assessment. Retrieved June 6, 2011 from <http://www.epa.gov/iris/subst/0373.htm>.
17. Jedrychowski, W., A. Galas, A. Pac, E. Flak, D. Camman, V. Rauh, and F. Perera. 2005. Prenatal ambient air exposure to polycyclic aromatic hydrocarbons and the occurrence of respiratory symptoms over the first year of life. *European Journal of Epidemiology* 20 (9):775-82.
18. Miller, R.L., R. Garfinkel, M. Horton, D. Camann, F.P. Perera, R.M. Whyatt, and P.L. Kinney. 2004. Polycyclic aromatic hydrocarbons, environmental tobacco smoke, and respiratory symptoms in an inner-city birth cohort. *Chest* 126 (4):1071-8.
19. Rosa, M.J., K.H. Jung, M.S. Perzanowski, E.A. Kelvin, K.W. Darling, D.E. Camann, S.N. Chillrud, R.M. Whyatt, P.L. Kinney, F.P. Perera, et al. 2011. Prenatal exposure to polycyclic aromatic hydrocarbons, environmental tobacco smoke and asthma. *Respiratory Medicine* 105 (6):869-76.
20. U.S. Environmental Protection Agency. 2011. *IRIS Summaries: Benzo[a]pyrene (BaP) (CASRN 50-32-8)*. U.S. EPA, National Center for Environmental Assessment. Retrieved June 6, 2011 from <http://www.epa.gov/iris/subst/0136.htm>.
21. U.S. Environmental Protection Agency. 2011. *IRIS Summaries: Acetaldehyde (CASRN 75-07-0)*. U.S. EPA, National Center for Environmental Assessment. Retrieved June 6, 2011 from <http://www.epa.gov/iris/subst/0290.htm>.
22. U.S. Environmental Protection Agency. *IRIS Summaries: Carbon Tetrachloride (CASRN 56-23-5)*. U.S. EPA, National Center for Environmental Assessment. Retrieved August 9, 2011 from <http://www.epa.gov/iris/subst/0020.htm>.
23. Cook, R., M. Strum, J.S. Touma, T. Palma, J. Thurman, D. Ensley, and R. Smith. 2007. Inhalation exposure and risk from mobile source air toxics in future years. *Journal of Exposure Science and Environmental Epidemiology* 17 (1):95-105.
24. Woodruff, T.J., D.A. Axelrad, J. Caldwell, R. Morello-Frosch, and A. Rosenbaum. 1998. Public health implications of 1990 air toxics concentrations across the United States. *Environmental Health Perspectives* 106 (5):245-51.

Hazardous Air Pollutants (continued)

25. U.S. Environmental Protection Agency. 2003. *Toxicological Review of Acrolein (CAS No. 107-02-8)*. Washington, DC: U.S. EPA, National Center for Environmental Assessment. EPA/635/R-03/003. <http://www.epa.gov/iris/toxreviews/0364tr.pdf>.
26. U.S. Environmental Protection Agency. 2011. *National Air Toxics Assessment, 2005*. Office of Air Quality Planning and Standards. Retrieved June 6, 2011 from <http://www.epa.gov/ttn/atw/nata2005/>.
27. U.S. Environmental Protection Agency. 2010. *Results of the 2005 NATA Model-to-Monitor Comparison, Final Report*. Research Triangle Park, NC: U.S. EPA, Office of Air Quality Planning and Standards. http://www.epa.gov/ttn/atw/nata2005/05pdf/nata2005_model2monitor.pdf.
28. U.S. Environmental Protection Agency. *Health Effects Information Used in Cancer and Noncancer Risk Characterization for the 2005 National-Scale Assessment*. U.S. EPA, Office of Air and Radiation. Retrieved June 6, 2011 from http://www.epa.gov/ttn/atw/nata2005/05pdf/health_effects.pdf.
29. U.S. Environmental Protection Agency. 2011. *An Overview of Methods for EPA's National-Scale Air Toxics Assessment*. Research Triangle Park, NC: U.S. EPA, Office of Air Quality, Planning, and Standards. http://www.epa.gov/ttn/atw/nata2005/05pdf/nata_tmd.pdf.
30. U.S. Environmental Protection Agency. 2011. *Summary of Results for the 2005 National-Scale Assessment*. Washington, DC: U.S. EPA, Office of Air and Radiation http://www.epa.gov/ttn/atw/nata2005/05pdf/sum_results.pdf.
31. Ginsberg, G., B. Foos, R.B. Dzubow, and M. Firestone. 2010. Options for incorporating children's inhaled dose into human health risk assessment. *Inhalation Toxicology* 22 (8):627-47.
32. U.S. Environmental Protection Agency. 2005. *Supplemental Guidance for Assessing Susceptibility from Early-Life Exposure to Carcinogens*. Washington, DC: U.S. EPA, Risk Assessment Forum. EPA/630/R-03/003F. http://www.epa.gov/ttn/atw/childrens_supplement_final.pdf.
33. Brody, J.G., R. Morello-Frosch, A. Zota, P. Brown, C. Perez, and R. Rudel. 2009. Linking exposure assessment science with policy objectives for environmental justice and breast cancer advocacy: The Northern California Household Exposure Study. *American Journal of Public Health* 99 (Suppl 3):S600-9.
34. Long, T., T. Johnson, J. Laurenson, and A. Rosenbaum. 2004. *Memorandum: Development of Penetration and Proximity Microenvironment Factor Distributions for the HAPEM5 in Support of the 1999 National-Scale Air Toxics Assessment (NATA)*. Washington, DC: U.S. EPA. http://www.epa.gov/ttn/fera/hapem5/hapem5_me_factor_memo.pdf.
35. Payne-Sturges, D.C., T.A. Burke, P. Breysse, M. Diener-West, and T.J. Buckley. 2004. Personal exposure meets risk assessment: a comparison of measured and modeled exposures and risks in an urban community. *Environmental Health Perspectives* 112 (5):589-98.
36. Weisel, C.P., J. Zhang, B.J. Turpin, M.T. Morandi, S. Colome, T.H. Stock, D.M. Spektor, L. Korn, A.M. Winer, J. Kwon, et al. 2005. *Relationships of Indoor, Outdoor, and Personal Air (RIOPA): Part I. Collection Methods and Descriptive Analyses*. Boston, MA and Houston, TX: Health Effects Institute and Mickey Leland National Urban Air Toxics Research Center. HEI Research Report 130; NUATRC Research Report 7. <http://pubs.healtheffects.org/getfile.php?u=25>.
37. California Air Resources Board. 2004. *Children's School Bus Exposure Study*. California Environmental Protection Agency, Air Resources Board. Retrieved October 3, 2011 from <http://www.arb.ca.gov/research/schoolbus/schoolbus.htm>.
38. Sabin, L.D., E. Behrentz, A.M. Winer, S. Jeong, D.R. Fitz, D.V. Pankratz, S.D. Colome, and S.A. Fruin. 2004. Characterizing the range of children's air pollutant exposure during school bus commutes. *Journal of Exposure Analysis and Environmental Epidemiology* 15 (5):377-387.
39. California Air Resources Board. 2005. *Measuring Inside Vehicle Pollutants*. California Environmental Protection Agency, California Air Resources Board. Retrieved October 3, 2011 from <http://www.arb.ca.gov/research/indoor/in-vehsm.htm>.
40. National Research Council. 2000. *Toxicological Effects of Methylmercury*. Washington, DC: National Academy Press.
41. U.S. Environmental Protection Agency. 1997. *Mercury Study Report to Congress Volumes I to VII*. Washington DC: U.S. Environmental Protection Agency Office of Air Quality Planning and Standards and Office of Research and Development. EPA-452/R-97-003. <http://www.epa.gov/hg/report.htm>.
42. U.S. Environmental Protection Agency. 2000. *Deposition of Air Pollutants to the Great Waters: Third Report to Congress*. Washington, DC. http://epa.gov/ttncaaa1/t3/reports/head_2kf.pdf.
43. U.S. Department of Education. 2010. *Average number of hours and percentage of the student school week that public school teachers of first- through fourth-grade, self-contained classrooms spent on each of four subjects, total instruction hours per week on four subjects, total time spent delivering all instruction per week, and average length of student school week: Selected years 1987-88 through 2007-08*. National Center for Education Statistics. Retrieved July 22, 2010 from http://nces.ed.gov/surveys/sass/tables/sass0708_005_t1n.asp.
44. South Coast Air Quality Management District. 2000. *Multiple Air Toxics Exposure Study II*. Retrieved July 22, 2010 from: <http://www.aqmd.gov/matesiidf/matestoc.htm>.

Indoor Environments

1. U.S. Environmental Protection Agency. 2008. *Child-Specific Exposure Factors Handbook (Final Report)*. Washington, DC: U.S. EPA, National Center for Environmental Assessment. <http://cfpub.epa.gov/ncea/cfm/recordisplay.cfm?deid=199243>.
2. Gale, R.W., W.L. Cranor, D.A. Alvarez, J.N. Huckins, J.D. Petty, and G.L. Robertson. 2009. Semivolatile organic compounds in residential air along the Arizona-Mexico border. *Environmental Science and Technology* 43 (9):3054-60.
3. Rudel, R.A., D.E. Camann, J.D. Spengler, L.R. Korn, and J.G. Brody. 2003. Phthalates, alkylphenols, pesticides, polybrominated diphenyl ethers, and other endocrine-disrupting compounds in indoor air and dust. *Environmental Science and Technology* 37 (20):4543-53.
4. Weschler, C.J. 2009. Changes in indoor pollutants since the 1950s. *Atmospheric Environment* 43 (1):153-69.
5. Hwang, H.M., E.K. Park, T.M. Young, and B.D. Hammock. 2008. Occurrence of endocrine-disrupting chemicals in indoor dust. *Science of the Total Environment* 404 (1):26-35.
6. Matt, G.E., P.J. Quintana, M.F. Hovell, J.T. Bernert, S. Song, N. Novianti, T. Juarez, J. Floro, C. Gehrman, M. Garcia, et al. 2004. Households contaminated by environmental tobacco smoke: sources of infant exposures. *Tobacco Control* 13 (1):29-37.
7. Stapleton, H.M., J.G. Allen, S.M. Kelly, A. Konstantinov, S. Klosterhaus, D. Watkins, M.D. McClean, and T.F. Webster. 2008. Alternate and new brominated flame retardants detected in U.S. house dust. *Environmental Science and Technology* 42 (18):6910-6.
8. Strynar, M.J., and A.B. Lindstrom. 2008. Perfluorinated compounds in house dust from Ohio and North Carolina, USA. *Environmental Science and Technology* 42 (10):3751-6.
9. Tulve, N.S., P.A. Jones, M.G. Nishioka, R.C. Fortmann, C.W. Croghan, J.Y. Zhou, A. Fraser, C. Cavel, and W. Friedman. 2006. Pesticide measurements from the first national environmental health survey of child care centers using a multi-residue GC/MS analysis method. *Environmental Science and Technology* 40 (20):6269-74.
10. Butte, W. 2004. Sources and impacts of pesticides in indoor environments. *The Handbook of Environmental Chemistry* 4F:89-116.
11. Weschler, C.J., and W.W. Nazaroff. 2008. Semivolatile organic compounds in indoor environments. *Atmospheric Environment* 42 (40):9018-9040.
12. Egeghy, P.P., L.S. Sheldon, D.M. Stout, E.A. Cohen-Hubal, N.S. Tulve, L.J. Melnyk, M.K. Morgan, R.C. Fortmann, D.A. Whitaker, C.W. Croghan, et al. 2007. *Important Exposure Factors for Children: An Analysis of Laboratory and Observational Field Data Characterizing Cumulative Exposure to Pesticides*. Washington, DC: U.S. EPA, Office of Research and Development. <http://www.epa.gov/nerl/research/data/exposure-factors.pdf>.
13. Stapleton, H.M., S.M. Kelly, J.G. Allen, M.D. McClean, and T.F. Webster. 2008. Measurement of polybrominated diphenyl ethers on hand wipes: estimating exposure from hand-to-mouth contact. *Environmental Science and Technology* 42 (9):3329-34.
14. Adar, S.D., M. Davey, J.R. Sullivan, M. Compher, A. Szpiro, and L.J. Liu. 2008. Predicting Airborne Particle Levels Aboard Washington State School Buses. *Atmospheric Environment* 42 (33):7590-7599.
15. Sabin, L.D., E. Behrentz, A.M. Winer, S. Jeong, D.R. Fitz, D.V. Pankratz, S.D. Colome, and S.A. Fruin. 2004. Characterizing the range of children's air pollutant exposure during school bus commutes. *Journal of Exposure Analysis and Environmental Epidemiology* 15 (5):377-387.
16. Jones, M.R., A. Navas-Acien, J. Yuan, and P.N. Breyse. 2009. Secondhand tobacco smoke concentrations in motor vehicles: a pilot study. *Tobacco Control* 18 (5):399-404.
17. Matt, G.E., P.J. Quintana, M.F. Hovell, D.A. Chatfield, D.S. Ma, R. Romero, and A.M. Uribe. 2008. Residual tobacco smoke pollution in used cars for sale: air, dust, and surfaces. *Nicotine and Tobacco Research* 10 (9):1467-75.
18. Brody, J.G., R. Morello-Frosch, A. Zota, P. Brown, C. Perez, and R. Rudel. 2009. Linking exposure assessment science with policy objectives for environmental justice and breast cancer advocacy: The Northern California Household Exposure Study. *American Journal of Public Health* 99 (Suppl 3):S600-9.
19. U.S. Environmental Protection Agency. 2009. *Integrated Science Assessment for Particulate Matter (Final Report)*. Washington, DC: U.S. EPA, National Center for Environmental Assessment. EPA/600/R-08/139F. <http://cfpub.epa.gov/ncea/CFM/recordisplay.cfm?deid=216546>.
20. Hunt, A., D.L. Johnson, and D.A. Griffith. 2006. Mass transfer of soil indoors by track-in on footwear. *Science of the Total Environment* 370 (2-3):360-71.
21. Nishioka, M.G., R.G. Lewis, M.C. Brinkman, H.M. Burkholder, C.E. Hines, and J.R. Menkedick. 2001. Distribution of 2,4-D in air and on surfaces inside residences after lawn applications: comparing exposure estimates from various media for young children. *Environmental Health Perspectives* 109 (11):1185-91.
22. Kerger, B.D., C.E. Schmidt, and D.J. Paustenbach. 2000. Assessment of airborne exposure to trihalomethanes from tap water in residential showers and baths. *Risk Analysis* 20 (5):637-51.
23. Nuckols, J.R., D.L. Ashley, C. Lyu, S.M. Gordon, A.F. Hinckley, and P. Singer. 2005. Influence of tap water quality and household water use activities on indoor air and internal dose levels of trihalomethanes. *Environmental Health Perspectives* 113 (7):863-70.

Indoor Environments (continued)

24. Mills, W.B., S. Liu, M.C. Rigby, and D. Brenner. 2007. Time-variable simulation of soil vapor intrusion into a building with a combined crawl space and basement. *Environmental Science and Technology* 41 (14):4993-5001.
25. New Jersey Department of Environmental Protection. 2005. Vapor Intrusion Guidance. Updated in March 2007.
26. U.S. Environmental Protection Agency. 2011. *Radon (Rn)*. U.S. EPA, Office of Radiation and Indoor Air. Retrieved February 10, 2011 from <http://www.epa.gov/radon/>.
27. Cohn, R.D., S.J.A. Jr., R. Jaramillo, L.H. Reid, and D.C. Zeldin. 2006. National prevalence and exposure risk for cockroach allergen in U.S. households. *Environmental Health Perspectives* 114 (4):522-6.
28. Dales, R., L. Liu, A.J. Wheeler, and N.L. Gilbert. 2008. Quality of indoor residential air and health. *Canadian Medical Association Journal* 179 (2):147-52.
29. Institute of Medicine. 2000. *Clearing the Air: Asthma and Indoor Air Exposure*. Washington, D.C.: National Academy Press. http://books.nap.edu/openbook.php?record_id=9610&page=R1.
30. U.S. Environmental Protection Agency. 2010. *An Introduction to Indoor Air Quality*. U.S. EPA, Indoor Environments Division. Retrieved July 11, 2011 from <http://www.epa.gov/iaq/biologic.html>.
31. Seltzer, J.M., and M.J. Fedoruk. 2007. Health effects of mold in children. *Pediatric Clinics of North America* 54 (2):309-33, viii-ix.
32. U.S. Department of Health and Human Services. 2006. *The Health Consequences of Involuntary Exposure to Tobacco Smoke: A Report of the Surgeon General* Atlanta, GA: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, Office on Smoking and Health. <http://www.surgeongeneral.gov/library/reports/secondhandsmoke/fullreport.pdf>.
33. National Toxicology Program. 2011. *Report on Carcinogens, 12th Edition*. Research Triangle Park, NC: U.S. Department of Health and Human Services, National Toxicology Program. <http://ntp.niehs.nih.gov/ntp/roc/twelfth/roc12.pdf>.
34. U.S. Environmental Protection Agency. 1992. *Respiratory Health Effects of Passive Smoking: Lung Cancer and Other Disorders*. Washington, D.C.: Office of Research and Development. EPA/600/6-90/006F. <http://cfpub.epa.gov/ncea/cfm/ets/etsindex.cfm>.
35. Gergen, P.J., J.A. Fowler, K.R. Maurer, W.W. Davis, and M.D. Overpeck. 1998. The burden of environmental tobacco smoke exposure on the respiratory health of children 2 months through 5 years of age in the United States: Third National Health and Nutrition Examination Survey, 1988 to 1994. *Pediatrics* 101 (2):E8.
36. Yousey, Y.K. 2006. Household characteristics, smoking bans, and passive smoke exposure in young children. *Journal of Pediatric Health Care* 20 (2):98-105.
37. King, B.A., M.J. Travers, K.M. Cummings, M.C. Mahoney, and A.J. Hyland. 2010. Secondhand smoke transfer in multiunit housing. *Nicotine and Tobacco Research* 12 (11):1133-41.
38. Wamboldt, F.S., R.C. Balkissoon, A.E. Rankin, S.J. Szeffler, S.K. Hammond, R.E. Glasgow, and W.P. Dickinson. 2008. Correlates of household smoking bans in low-income families of children with and without asthma. *Family Process* 47 (1):81-94.
39. Wilson, K.M., J.D. Klein, A.K. Blumkin, M. Gottlieb, and J.P. Winickoff. 2011. Tobacco-smoke exposure in children who live in multiunit housing. *Pediatrics* 127 (1):85-92.
40. Matt, G.E., P.J. Quintana, J.M. Zakarian, A.L. Fortmann, D.A. Chatfield, E. Hoh, A.M. Uribe, and M.F. Hovell. 2011. When smokers move out and non-smokers move in: residential thirdhand smoke pollution and exposure. *Tobacco Control* 20 (1):e1.
41. Singer, B.C., A.T. Hodgson, K.S. Guevarra, E.L. Hawley, and W.W. Nazaroff. 2002. Gas-phase organics in environmental tobacco smoke. 1. Effects of smoking rate, ventilation, and furnishing level on emission factors. *Environmental Science and Technology* 36 (5):846-53.
42. Winickoff, J.P., J. Friebely, S.E. Tanski, C. Sherrod, G.E. Matt, M.F. Hovell, and R.C. McMillen. 2009. Beliefs about the health effects of "thirdhand" smoke and home smoking bans. *Pediatrics* 123 (1):e74-9.
43. Singer, B.C., A.T. Hodgson, and W.W. Nazaroff. 2003. Gas-phase organics in environmental tobacco smoke: 2. Exposure-relevant emission factors and indirect exposures from habitual smoking. *Atmospheric Environment* 37:5551-61.
44. Pirkle, J.L., J.T. Bernert, S.P. Caudill, C.S. Sosnoff, and T.F. Pechacek. 2006. Trends in the Exposure of Nonsmokers in the U.S. Population to Secondhand Smoke: 1988–2002. *Environmental Health Perspectives* 114 (6).
45. Centers for Disease Control and Prevention. 2007. Cigarette smoking among adults—United States, 2006. *Morbidity and Mortality Weekly Report* 56 (44):1157-1161.
46. Centers for Disease Control and Prevention. 2011. Vital Signs: Current cigarette smoking among adults aged ≥ 18 years--United States, 2005-2010. *Morbidity and Mortality Weekly Report* 60 (35):1207-1212.
47. Centers for Disease Control and Prevention. 2007. State-specific prevalence of smoke-free home rules - United States, 1992-2003. *Morbidity and Mortality Weekly Report* 56 (20):501-504.
48. Mackay, D., S. Haw, J.G. Ayres, C. Fischbacher, and J.P. Pell. 2010. Smoke-free legislation and hospitalizations for childhood asthma. *New England Journal of Medicine* 363 (12):1139-45.

Indoor Environments (continued)

49. Rayens, M.K., P.V. Burkhart, M. Zhang, S. Lee, D.K. Moser, D. Mannino, and E.J. Hahn. 2008. Reduction in asthma-related emergency department visits after implementation of a smoke-free law. *Journal of Allergy and Clinical Immunology* 122 (3):537-41 e3.
50. King, K., M. Martynenko, M.H. Bergman, Y.-H. Liu, J.P. Winickoff, and M. Weitzman. 2009. Family composition and children's exposure to adult smokers in their homes. *Pediatrics* 123 (4):559-64.
51. Jacobs, D.E., R.P. Clickner, J.Y. Zhou, S.M. Viet, D.A. Marker, J.W. Rogers, D.C. Zeldin, P. Broene, and W. Friedman. 2002. The prevalence of lead-based paint hazards in U.S. housing. *Environmental Health Perspectives* 110 (10):A599-606.
52. Laidlaw, M.A.S., and G.M. Filippelli. 2008. Resuspension of urban soils as a persistent source of lead poisoning in children: A review and new directions. *Applied Geochemistry* 23 (8):2021-2039.
53. Dixon, S.L., J.M. Gaitens, D.E. Jacobs, W. Strauss, J. Nagaraja, T. Pivetz, J.W. Wilson, and P.J. Ashley. 2009. Exposure of U.S. children to residential dust lead, 1999-2004: II. The contribution of lead-contaminated dust to children's blood lead levels. *Environmental Health Perspectives* 117 (3):468-74.
54. Lanphear, B.P., R. Hornung, M. Ho, C.R. Howard, S. Eberly, and K. Knaf. 2002. Environmental lead exposure during early childhood. *The Journal of Pediatrics* 140 (1):40-7.
55. Lanphear, B.P., R. Hornung, J. Houry, K. Yolton, P. Baghurst, D.C. Bellinger, R.L. Canfield, K.N. Dietrich, R. Bornschein, T. Greene, et al. 2005. Low-level environmental lead exposure and children's intellectual function: an international pooled analysis. *Environmental Health Perspectives* 113 (7):894-9.
56. Lanphear, B.P., T.D. Matte, J. Rogers, R.P. Clickner, B. Dietz, R.L. Bornschein, P. Succop, K.R. Mahaffey, S. Dixon, W. Galke, et al. 1998. The contribution of lead-contaminated house dust and residential soil to children's blood lead levels. A pooled analysis of 12 epidemiologic studies. *Environmental Research* 79 (1):51-68.
57. Lanphear, B.P., M. Weitzman, N.L. Winter, S. Eberly, B. Yakir, M. Tanner, M. Emond, and T.D. Matte. 1996. Lead-contaminated house dust and urban children's blood lead levels. *American Journal of Public Health* 86 (10):1416-21.
58. U.S. Environmental Protection Agency. 2006. *Air Quality Criteria for Lead. Volume I of II*. Washington, DC: United States Environmental Protection Agency. EPA/600/R-5/144aF.
59. Levin, R., M.J. Brown, M.E. Kashtock, D.E. Jacobs, E.A. Whelan, J. Rodman, M.R. Schock, A. Padilla, and T. Sinks. 2008. Lead exposures in U.S. children, 2008: implications for prevention. *Environmental Health Perspectives* 116 (10):1285-93.
60. U.S. Environmental Protection Agency. 2010. *Lead in Paint, Dust, and Soil: Renovation, Repair, and Painting*. U.S. EPA, Office of Pollution Prevention and Toxics. Retrieved October 4, 2010 from <http://www.epa.gov/lead/pubs/renovation.htm>.
61. U.S. Department of Housing and Urban Development. 1999. Lead-Safe Housing Rule, 24 CFR Part 35.
62. U.S. Environmental Protection Agency, U.S. Consumer Product Safety Commission, and U.S. Department of Housing and Urban Development. 2003. *Protect Your Family from Lead in Your Home*. Washington, DC: U.S. EPA, U.S. CPSC, U.S. HUD. EPA747-K-99-001. http://www.hud.gov/offices/lead/library/lead/pyf_eng.pdf.
63. U.S. Environmental Protection Agency. 2008. *40 CFR Part 745, Final Rule; Lead; Renovation, Repair, and Painting Program*. Washington, DC: U.S. EPA. EPA-HQ-OPPT-2005-0049. <http://www.epa.gov/fedrgstr/EPA-TOX/2008/April/Day-22/t8141.htm>.
64. National Toxicology Program. 2012. *NTP Monograph on Health Effects of Low-Level Lead*. Research Triangle Park, NC: National Institute of Environmental Health Sciences, National Toxicology Program. <http://ntp.niehs.nih.gov/go/36443>.
65. Bellinger, D., J. Sloman, A. Leviton, M. Rabinowitz, H.L. Needleman, and C. Waternaux. 1991. Low-level lead exposure and children's cognitive function in the preschool years. *Pediatrics* 87 (2):219-27.
66. Canfield, R.L., C.R. Henderson, Jr., D.A. Cory-Slechta, C. Cox, T.A. Jusko, and B.P. Lanphear. 2003. Intellectual impairment in children with blood lead concentrations below 10 microg per deciliter. *New England Journal of Medicine* 348 (16):1517-26.
67. Jusko, T.A., C.R. Henderson, B.P. Lanphear, D.A. Cory-Slechta, P.J. Parsons, and R.L. Canfield. 2008. Blood lead concentrations < 10 microg/dL and child intelligence at 6 years of age. *Environmental Health Perspectives* 116 (2):243-8.
68. Lanphear, B.P., K. Dietrich, P. Auinger, and C. Cox. 2000. Cognitive deficits associated with blood lead concentrations <10 microg/dL in US children and adolescents. *Public Health Reports* 115 (6):521-9.
69. Schnaas, L., S.J. Rothenberg, M.F. Flores, S. Martinez, C. Hernandez, E. Osorio, S.R. Velasco, and E. Perroni. 2006. Reduced intellectual development in children with prenatal lead exposure. *Environmental Health Perspectives* 114 (5):791-7.
70. Surkan, P.J., A. Zhang, F. Trachtenberg, D.B. Daniel, S. McKinlay, and D.C. Bellinger. 2007. Neuropsychological function in children with blood lead levels <10 microg/dL. *Neurotoxicology* 28 (6):1170-7.
71. Centers for Disease Control and Prevention. 1997. *Screening Young Children for Lead Poisoning: Guidance for State and Local Public Health Officials*. Atlanta, GA.

Indoor Environments (continued)

72. Centers for Disease Control and Prevention. 2002. *Managing Elevated Blood Lead Levels Among Young Children: Recommendations from the Advisory Committee on Childhood Lead Poisoning Prevention*. Atlanta, GA.
73. Advisory Committee on Childhood Lead Poisoning Prevention. 2012. *Low Level Lead Exposure Harms Children: A Renewed Call for Primary Prevention*. Atlanta, GA: Centers for Disease Control and Prevention. http://www.cdc.gov/nceh/lead/ACCLPP/Final_Document_030712.pdf.
74. Centers for Disease Control and Prevention. 2012. *CDC Response to Advisory Committee on Childhood Lead Poisoning Prevention Recommendations in Low Level Lead Exposure Harms Children: A Renewed Call for Primary Prevention*. Atlanta, GA: Centers for Disease Control and Prevention. http://www.cdc.gov/nceh/lead/acclpp/cdc_response_lead_exposure_rec.pdf.
75. Centers for Disease Control and Prevention. 1991. *Preventing Lead Poisoning in Young Children*. Atlanta, GA.
76. U.S. Environmental Protection Agency. 2010. *Section 21 Petitions Filed with EPA Since September 2007: Lead Dust Hazard Standard and Definition of Lead-based Paint*. U.S. EPA. Retrieved February 9, 2011 from <http://www.epa.gov/oppt/chemtest/pubs/petitions.html#petition5>.
77. Gaitens, J.M., S.L. Dixon, D.E. Jacobs, J. Nagaraja, W. Strauss, J.W. Wilson, and P.J. Ashley. 2009. Exposure of U.S. children to residential dust lead, 1999-2004: I. Housing and demographic factors. *Environmental Health Perspectives* 117 (3):461-7.
78. Jones, R.L., D.M. Homa, P.A. Meyer, D.J. Brody, K.L. Caldwell, J.L. Pirkle, and M.J. Brown. 2009. Trends in blood lead levels and blood lead testing among U.S. children aged 1 to 5 years, 1988-2004. *Pediatrics* 123 (3):e376-e385.
79. Kim, D.Y., F. Staley, G. Curtis, and S. Buchanan. 2002. Relation between housing age, housing value, and childhood blood lead levels in children in Jefferson County, Ky. *American Journal of Public Health* 92 (5):769-72.
80. Mannino, D.M., J.E. Moorman, B. Kingsley, D. Rose, and J. Repace. 2001. Health effects related to environmental tobacco smoke exposure in children in the United States: data from the Third National Health and Nutrition Examination Survey. *Archives of Pediatrics and Adolescent Medicine* 155 (1):36-41.
81. Sexton, K., J.L. Adgate, T.R. Church, S.S. Hecht, G. Ramachandran, I.A. Greaves, A.L. Fredrickson, A.D. Ryan, S.G. Carmella, and M.S. Geisser. 2004. Children's exposure to environmental tobacco smoke: using diverse exposure metrics to document ethnic/racial differences. *Environmental Health Perspectives* 112 (3):392-7.
82. Braun, J.M., T.E. Froehlich, J.L. Daniels, K.N. Dietrich, R. Hornung, P. Auinger, and B.P. Lanphear. 2008. Association of environmental toxicants and conduct disorder in U.S. children: NHANES 2001-2004. *Environmental Health Perspectives* 116 (7):956-62.
83. DeLorenze, G.N., M. Kharrazi, F.L. Kaufman, B. Eskenazi, and J.T. Bernert. 2002. Exposure to environmental tobacco smoke in pregnant women: the association between self-report and serum cotinine. *Environmental Research* 90 (1):21-32.
84. Kalkbrenner, A.E., R.W. Hornung, J.T. Bernert, S.K. Hammond, J.M. Braun, and B.P. Lanphear. 2010. Determinants of serum cotinine and hair cotinine as biomarkers of childhood secondhand smoke exposure. *Journal of Exposure Science and Environmental Epidemiology* 20 (7):615-24.
85. U.S. Department of Health and Human Services. 2000. *Healthy People 2010. 2nd ed. With Understanding and Improving Health and Objectives for Improving Health. 2 vols. Washington, DC: U.S. Government Printing Office, November 2000*.
86. U.S. Environmental Protection Agency. 2001. *40 CFR Part 745, Final Rule; Lead; Identification of Dangerous Levels of Lead*. <http://www.epa.gov/fedrgstr/EPA-TOX/2001/January/Day-05/t84.pdf>.
87. U.S. Department of Housing and Urban Development. 2001. *National Survey of Lead and Allergens in Housing, Final Report, Volume I: Analysis of Lead Hazards*. Washington, DC: HUD, Office of Lead Hazard Control. http://www.nmic.org/nycclp/documents/HUD_NSLAH_Vol1.pdf.

Drinking Water Contaminants

1. Kumar, A., and I. Xagorarakis. 2010. Pharmaceuticals, personal care products and endocrine-disrupting chemicals in U.S. surface and finished drinking waters: a proposed ranking system. *Science of the Total Environment* 408 (23):5972-89.
2. U.S. Environmental Protection Agency. 2008. *National Primary Drinking Water Regulations*. U.S. EPA, Office of Water. Retrieved November 25, 2010 from <http://water.epa.gov/drink/contaminants/index.cfm>.
3. U.S. Geological Survey. 2010. *Source Water-Quality Assessment (SWQA) Program*. Retrieved November 25, 2010 from <http://water.usgs.gov/nawqa/swqa/>.
4. U.S. Environmental Protection Agency. 2010. *Drinking Water Glossary: Surface Water*. U.S. EPA, Office of Water. Retrieved November 25, 2010 from <http://owpubauthor.epa.gov/aboutow/ogwdw/glossary.cfm#slink>.
5. U.S. Environmental Protection Agency. 2010. *Drinking Water Glossary: Ground Water*. U.S. EPA, Office of Water. Retrieved November 25, 2010 from <http://water.epa.gov/aboutow/ogwdw/glossary.cfm#glink>.
6. Winter, T.C., J.W. Harvey, O.W. Franke, and W.M. Alley. 1998. *Ground Water and Surface Water: A Single Resource*. Reston, VA: U.S. Geological Survey. <http://pubs.usgs.gov/circ/circ1139/pdf/circ1139.pdf>.

Drinking Water Contaminants (continued)

7. U.S. Environmental Protection Agency. 1992. *Secondary Drinking Water Regulations: Guidance for Nuisance Chemicals*. U.S. EPA, Office of Water. Retrieved November 26, 2010 from <http://water.epa.gov/drink/contaminants/secondarystandards.cfm>.
8. Dietert, R.R. 2009. Developmental immunotoxicology: focus on health risks. *Chemical Research in Toxicology* 22 (1):17-23.
9. Garcia, A.M., S.A. Fadel, S. Cao, and M. Sarzotti. 2000. T cell immunity in neonates. *Immunologic Research* 22 (2-3):177-90.
10. Nwachuku, N., and C.P. Gerba. 2004. Microbial risk assessment: don't forget the children. *Current Opinion in Microbiology* 7 (3):206-9.
11. Thompson, S.C. 1994. Giardia lamblia in children and the child care setting: a review of the literature. *Journal of Paediatrics and Child Health* 30 (3):202-9.
12. Woodruff, T., L. Zeise, D. Axelrad, K.Z. Guyton, S. Janssen, M. Miller, G. Miller, J. Schwartz, G. Alexeeff, H. Anderson, et al. 2008. Moving Upstream: A workshop on evaluating adverse upstream endpoints for improved risk assessment and decision making. *Environmental Health Perspectives* 116 (11):1568-1575.
13. Yoder, J.S., and M.J. Beach. 2010. Cryptosporidium surveillance and risk factors in the United States. *Experimental Parasitology* 124 (1):31-9.
14. Centers for Disease Control and Prevention. 2010. Giardiasis Surveillance---United States, 2006--2008. *Morbidity and Mortality Weekly Report* 59 (SS06):15-25.
15. Edwards, M., S. Triantafyllidou, and D. Best. 2009. Elevated blood lead in young children due to lead-contaminated drinking water: Washington, DC, 2001-2004. *Environmental Science and Technology* 43 (5):1618-1623.
16. Levin, R., M.J. Brown, M.E. Kashtock, D.E. Jacobs, E.A. Whelan, J. Rodman, M.R. Schock, A. Padilla, and T. Sinks. 2008. Lead exposures in U.S. children, 2008: implications for prevention. *Environmental Health Perspectives* 116 (10):1285-93.
17. Miranda, M.L., D. Kim, A.P. Hull, C.J. Paul, and M.A. Galeano. 2007. Changes in blood lead levels associated with use of chloramines in water treatment systems. *Environmental Health Perspectives* 115 (2):221-5.
18. National Toxicology Program. 2012. *NTP Monograph on Health Effects of Low-Level Lead*. Research Triangle Park, NC: National Institute of Environmental Health Sciences, National Toxicology Program. <http://ntp.niehs.nih.gov/go/36443>.
19. Hunter, W.J. 2008. Remediation of Drinking Water for Rural Populations. In *Nitrogen in the Environment: Sources, Problems, and Management, Second Edition*, edited by J. L. Hatfield and R. F. Follett. Boston, MA: Academic Press/Elsevier.
20. U.S. Environmental Protection Agency. 2009. *Consumer Factsheet on: Nitrates/Nitrites*. U.S. EPA, Office of Water. Retrieved November 25, 2010 from <http://www.epa.gov/safewater/pdfs/factsheets/ioc/nitrates.pdf>.
21. Gupta, S.K., R.C. Gupta, A.K. Seth, A.B. Gupta, J.K. Bassin, and A. Gupta. 2000. Methaemoglobinaemia in areas with high nitrate concentration in drinking water. *National Medical Journal of India* 13 (2):58-61.
22. Knobeloch, L., B. Salna, A. Hogan, J. Postle, and H. Anderson. 2000. Blue babies and nitrate-contaminated well water. *Environmental Health Perspectives* 108 (7):675-8.
23. U.S. Environmental Protection Agency. 2010. *Basic Information About Nitrate in Drinking Water*. U.S. EPA, Office of Water. Retrieved November 25, 2010 from <http://water.epa.gov/drink/contaminants/basicinformation/nitrate.cfm>.
24. Gatsseva, P.D., and M.D. Argirova. 2008. High-nitrate levels in drinking water may be a risk factor for thyroid dysfunction in children and pregnant women living in rural Bulgarian areas. *International Journal of Hygiene and Environmental Health* 211 (5-6):555-9.
25. Tajtakova, M., Z. Semanova, Z. Tomkova, E. Szokeova, J. Majoros, Z. Radikova, E. Sebokova, I. Klimes, and P. Langer. 2006. Increased thyroid volume and frequency of thyroid disorders signs in schoolchildren from nitrate polluted area. *Chemosphere* 62 (4):559-64.
26. Haddow, J.E., G.E. Palomaki, W.C. Allan, J.R. Williams, G.J. Knight, J. Gagnon, C.E. O'Heir, M.L. Mitchell, R.J. Hermos, S.E. Waisbren, et al. 1999. Maternal thyroid deficiency during pregnancy and subsequent neuropsychological development of the child. *New England Journal of Medicine* 341 (8):549-55.
27. Pop, V.J., E.P. Brouwers, H.L. Vader, T. Vulsma, A.L. van Baar, and J.J. de Vijlder. 2003. Maternal hypothyroxinaemia during early pregnancy and subsequent child development: a 3-year follow-up study. *Clinical Endocrinology* 59 (3):282-8.
28. Morreale de Escobar, G., M.J. Obregon, and F. Escobar del Rey. 2000. Is neuropsychological development related to maternal hypothyroidism or to maternal hypothyroxinemia? *The Journal of Clinical Endocrinology and Metabolism* 85 (11):3975-87.
29. U.S. Environmental Protection Agency. 2008. *Arsenic in Drinking Water*. U.S. EPA, Office of Water. Retrieved November 25, 2010 from <http://water.epa.gov/lawsregs/rulesregs/sdwa/arsenic/index.cfm>.
30. Sambu, S., and R. Wilson. 2008. Arsenic in food and water--a brief history. *Toxicology and Industrial Health* 24 (4):217-26.
31. Schuhmacher-Wolz, U., H.H. Dieter, D. Klein, and K. Schneider. 2009. Oral exposure to inorganic arsenic: evaluation of its carcinogenic and non-carcinogenic effects. *Critical Reviews in Toxicology* 39 (4):271-98.

Drinking Water Contaminants (continued)

32. Smith, A.H., G. Marshall, Y. Yuan, C. Ferreccio, J. Liaw, O. von Ehrenstein, C. Steinmaus, M.N. Bates, and S. Selvin. 2006. Increased mortality from lung cancer and bronchiectasis in young adults after exposure to arsenic in utero and in early childhood. *Environmental Health Perspectives* 114 (8):1293-6.
33. Smith, A.H., and C.M. Steinmaus. 2009. Health effects of arsenic and chromium in drinking water: recent human findings. *Annual Review of Public Health* 30:107-22.
34. U.S. Environmental Protection Agency. 2004. *Drinking Water Treatment*. Washington, DC: U.S. EPA, Office of Water. http://water.epa.gov/lawsregs/guidance/sdwa/upload/2009_08_28_sdwa_fs_30ann_treatment_web.pdf.
35. Burkholder, J., B. Libra, P. Weyer, S. Heathcote, D. Kolpin, P.S. Thorne, and M. Wichman. 2007. Impacts of waste from concentrated animal feeding operations on water quality. *Environmental Health Perspectives* 115 (2):308-12.
36. Centers for Disease Control and Prevention. 2009. *Water Treatment*. CDC Healthy Water Site. Retrieved November 25, 2010 from http://www.cdc.gov/healthywater/drinking/public/water_treatment.html.
37. U.S. Environmental Protection Agency. 2008. *Drinking Water Contaminants: Disinfection Byproducts*. U.S. EPA, Office of Water. Retrieved November 25, 2010 from <http://water.epa.gov/drink/contaminants/#Byproducts>.
38. Bove, F., Y. Shim, and P. Zeitz. 2002. Drinking water contaminants and adverse pregnancy outcomes: a review. *Environmental Health Perspectives* 110 (Suppl 1):61-74.
39. Colman, J., G.E. Rice, J.M. Wright, E.S. Hunter, 3rd, L.K. Teuschler, J.C. Lipscomb, R.C. Hertzberg, J.E. Simmons, M. Fransen, M. Osier, et al. 2011. Identification of developmentally toxic drinking water disinfection byproducts and evaluation of data relevant to mode of action. *Toxicology and Applied Pharmacology* 254 (2):100-26.
40. Federal Register. 2006. *National Primary Drinking Water Regulations: Stage 2 Disinfectants and Disinfection Byproducts Rule*. Washington, DC: U.S. EPA. January 4, 2006. <http://www.epa.gov/fedrgstr/EPA-WATER/2006/January/Day-04/w03.pdf>.
41. Villanueva, C.M., K.P. Cantor, S. Cordier, J.J. Jaakkola, W.D. King, C.F. Lynch, S. Porru, and M. Kogevinas. 2004. Disinfection byproducts and bladder cancer: a pooled analysis. *Epidemiology* 15 (3):357-67.
42. Hwang, B.F., J.J. Jaakkola, and H.R. Guo. 2008. Water disinfection by-products and the risk of specific birth defects: a population-based cross-sectional study in Taiwan. *Environmental Health* 7:23.
43. Hwang, B.F., P. Magnus, and J.J. Jaakkola. 2002. Risk of specific birth defects in relation to chlorination and the amount of natural organic matter in the water supply. *American Journal of Epidemiology* 156 (4):374-82.
44. Nieuwenhuijsen, M.J., D. Martinez, J. Grellier, J. Bennett, N. Best, N. Iszatt, M. Vrijheid, and M.B. Toledano. 2009. Chlorination disinfection by-products in drinking water and congenital anomalies: review and meta-analyses. *Environmental Health Perspectives* 117 (10):1486-93.
45. Wigle, D.T., T.E. Arbuckle, M.C. Turner, A. Berube, Q. Yang, S. Liu, and D. Krewski. 2008. Epidemiologic evidence of relationships between reproductive and child health outcomes and environmental chemical contaminants. *Journal of Toxicology and Environmental Health Part B: Critical Reviews* 11 (5-6):373-517.
46. U.S. Environmental Protection Agency. 2004. *Pesticides Industry Sales and Usage: 2000-2001 Market Estimates*. Washington, DC: U.S. EPA, Office of Pesticide Programs. http://www.epa.gov/opp00001/pestsales/01pestsales/market_estimates2001.pdf.
47. U.S. Environmental Protection Agency. 2010. *Basic Information about Regulated Drinking Water Contaminants*. U.S. EPA, Office of Water. Retrieved November 26, 2010 from <http://water.epa.gov/drink/contaminants/basicinformation/index.cfm>.
48. U.S. Environmental Protection Agency. 2011. *Source Water Assessment*. U.S. EPA, Office of Water. Retrieved June 21, 2011 from <http://water.epa.gov/infrastructure/drinkingwater/sourcewater/protection/sourcewaterassessments.cfm>.
49. Chevrier, C., G. Limon, C. Monfort, F. Rouget, R. Garlantezec, C. Petit, G. Durand, and S. Cordier. 2011. Urinary biomarkers of prenatal atrazine exposure and adverse birth outcomes in the PELAGIE birth cohort. *Environmental Health Perspectives* 119 (7):1034-41.
50. Munger, R., P. Isacson, S. Hu, T. Burns, J. Hanson, C.F. Lynch, K. Cherryholmes, P. Van Dorpe, and W.J. Hausler, Jr. 1997. Intrauterine growth retardation in Iowa communities with herbicide-contaminated drinking water supplies. *Environmental Health Perspectives* 105 (3):308-14.
51. Ochoa-Acuna, H., J. Frankenberger, L. Hahn, and C. Carbajo. 2009. Drinking-water herbicide exposure in Indiana and prevalence of small-for-gestational-age and preterm delivery. *Environmental Health Perspectives* 117 (10):1619-24.
52. Villanueva, C.M., G. Durand, M.B. Coutte, C. Chevrier, and S. Cordier. 2005. Atrazine in municipal drinking water and risk of low birth weight, preterm delivery, and small-for-gestational-age status. *Occupational and Environmental Medicine* 62 (6):400-5.
53. U.S. Geological Survey. 2010. *Glyphosate Herbicide Found in Many Midwestern Streams, Antibiotics Not Common*. U.S.G.S., Toxic Substances Hydrology Program. Retrieved November 25, 2010 from <http://toxics.usgs.gov/highlights/glyphosate02.html>.
54. U.S. Environmental Protection Agency. 1990. *IRIS Summaries: Glyphosate (CASRN 1071-83-6)*. U.S. EPA, National Center for Environmental Assessment. Retrieved November 25, 2010 from <http://www.epa.gov/ncea/iris/subst/0057.htm#studoral>.

Drinking Water Contaminants (continued)

55. Williams, G.M., R. Kroes, and I.C. Munro. 2000. Safety evaluation and risk assessment of the herbicide Roundup and its active ingredient, glyphosate, for humans. *Regulatory Toxicology and Pharmacology* 31 (2 Pt 1):117-65.
56. Dallegrave, E., F.D. Mantese, R.T. Oliveira, A.J. Andrade, P.R. Dalsenter, and A. Langeloh. 2007. Pre- and postnatal toxicity of the commercial glyphosate formulation in Wistar rats. *Archives of Toxicology* 81 (9):665-73.
57. Romano, R.M., M.A. Romano, M.M. Bernardi, P.V. Furtado, and C.A. Oliveira. 2010. Prepubertal exposure to commercial formulation of the herbicide glyphosate alters testosterone levels and testicular morphology. *Archives of Toxicology* 84 (4):309-17.
58. Sanin, L.H., G. Carrasquilla, K.R. Solomon, D.C. Cole, and E.J. Marshall. 2009. Regional differences in time to pregnancy among fertile women from five Colombian regions with different use of glyphosate. *Journal of Toxicology and Environmental Health* 72 (15-16):949-60.
59. National Research Council. 2006. *Assessing the Human Health Risks of Trichloroethylene: Key Scientific Issues*. Washington, DC: National Academies Press. http://www.nap.edu/catalog.php?record_id=11707.
60. National Research Council. 2010. *Review of the Environmental Protection Agency's Draft IRIS Assessment of Tetrachloroethylene*. Washington, DC: National Academies Press. http://www.nap.edu/catalog.php?record_id=12863.
61. U.S. Environmental Protection Agency. 2011. *Toxicological Review of Trichloroethylene (CAS No. 79-01-6)*. Washington, DC: U.S. EPA, National Center for Environmental Assessment. EPA/635/R-09/011F. <http://www.epa.gov/iris/toxreviews/0199tr/0199tr.pdf>.
62. Aschengrau, A., J.M. Weinberg, P.A. Janulewicz, L.G. Gallagher, M.R. Winter, V.M. Vieira, T.F. Webster, and D.M. Ozonoff. 2009. Prenatal exposure to tetrachloroethylene-contaminated drinking water and the risk of congenital anomalies: a retrospective cohort study. *Environmental Health* 8:44.
63. Sonnenfeld, N., I. Hertz-Picciotto, and W.E. Kaye. 2001. Tetrachloroethylene in drinking water and birth outcomes at the US Marine Corps Base at Camp Lejeune, North Carolina. *American Journal of Epidemiology* 154 (10):902-8.
64. Aschengrau, A., J. Weinberg, S. Rogers, L. Gallagher, M. Winter, V. Vieira, T. Webster, and D. Ozonoff. 2008. Prenatal exposure to tetrachloroethylene-contaminated drinking water and the risk of adverse birth outcomes. *Environmental Health Perspectives* 116 (6):814-20.
65. Aschengrau, A., J.M. Weinberg, L.G. Gallagher, M.R. Winter, V.M. Vieira, T.F. Webster, and D.M. Ozonoff. 2009. Exposure to Tetrachloroethylene-Contaminated Drinking Water and the Risk of Pregnancy Loss. *Water Quality, Exposure, and Health* 1 (1):23-34.
66. U.S. Environmental Protection Agency. 2010. *Pharmaceuticals and Personal Care Products: Frequent Questions*. U.S. EPA, Office of Research and Development. Retrieved November 25, 2010 from <http://www.epa.gov/ppcp/faq.html>.
67. Focazio, M.J., D.W. Kolpin, K.K. Barnes, E.T. Furlong, M.T. Meyer, S.D. Zaugg, L.B. Barber, and M.E. Thurman. 2008. A national reconnaissance for pharmaceuticals and other organic wastewater contaminants in the United States--II) untreated drinking water sources. *Science of the Total Environment* 402 (2-3):201-16.
68. U.S. Environmental Protection Agency. 2004. *Drinking Water Health Advisory for Manganese*. Washington, DC: U.S. EPA, Office of Water. EPA-822-R-04-003. http://www.epa.gov/ogwdw000/ccl/pdfs/reg_determine1/support_cc1_magnese_dwreport.pdf.
69. Bouchard, M., F. Laforest, L. Vandelay, D. Bellinger, and D. Mergler. 2007. Hair manganese and hyperactive behaviors: pilot study of school-age children exposed through tap water. *Environmental Health Perspectives* 115 (1):122-7.
70. Bouchard, M.F., S. Sauve, B. Barbeau, M. Legrand, M.E. Brodeur, T. Bouffard, E. Limoges, D.C. Bellinger, and D. Mergler. 2011. Intellectual impairment in school-age children exposed to manganese from drinking water. *Environmental Health Perspectives* 119 (1):138-43.
71. Khan, K., P. Factor-Litvak, G.A. Wasserman, X. Liu, E. Ahmed, F. Parvez, V. Slavkovich, D. Levy, J. Mey, A. van Geen, et al. 2011. Manganese exposure from drinking water and children's classroom behavior in Bangladesh. *Environmental Health Perspectives* 119 (10):1501-6.
72. Takser, L., D. Mergler, G. Hellier, J. Sahuquillo, and G. Huel. 2003. Manganese, monoamine metabolite levels at birth, and child psychomotor development. *Neurotoxicology* 24 (4-5):667-74.
73. Wasserman, G.A., X. Liu, F. Parvez, H. Ahsan, D. Levy, P. Factor-Litvak, J. Kline, A. van Geen, V. Slavkovich, N.J. Lolacono, et al. 2006. Water manganese exposure and children's intellectual function in Araihasar, Bangladesh. *Environmental Health Perspectives* 114 (1):124-9.
74. Ericson, J.E., F.M. Crinella, K.A. Clarke-Stewart, V.D. Allhusen, T. Chan, and R.T. Robertson. 2007. Prenatal manganese levels linked to childhood behavioral disinhibition. *Neurotoxicology and Teratology* 29 (2):181-7.
75. Wright, R.O., C. Amarasiwardena, A.D. Woolf, R. Jim, and D.C. Bellinger. 2006. Neuropsychological correlates of hair arsenic, manganese, and cadmium levels in school-age children residing near a hazardous waste site. *Neurotoxicology* 27 (2):210-6.
76. California Department of Public Health. *History of Perchlorate in California Drinking Water*. California Department of Public Health, Drinking Water Program. Retrieved November 25, 2010 from <http://www.cdph.ca.gov/certlic/drinkingwater/Pages/Perchloratehistory.aspx>.

Drinking Water Contaminants (continued)

77. Rao, B., T.A. Anderson, G.J. Orris, K.A. Rainwater, S. Rajagopalan, R.M. Sandvig, B.R. Scanlon, D.A. Stonestrom, M.A. Walvoord, and W.A. Jackson. 2007. Widespread natural perchlorate in unsaturated zones of the southwest United States. *Environmental Science and Technology* 41 (13):4522-8.
78. U.S. Environmental Protection Agency. 2011. *Perchlorate*. U.S. EPA, Office of Water. Retrieved February 11, 2011 from <http://water.epa.gov/drink/contaminants/unregulated/perchlorate.cfm>.
79. Blount, B.C., and L. Valentin-Blasini. 2007. Biomonitoring as a method for assessing exposure to perchlorate. *Thyroid* 17 (9):837-41.
80. Centers for Disease Control and Prevention. 2009. *Perchlorate in Baby Formula Fact Sheet*. CDC. Retrieved August 13, 2009 from http://cdc.gov/nceh/features/perchlorate_factsheet.htm.
81. Pearce, E.N., A.M. Leung, B.C. Blount, H.R. Bazrafshan, X. He, S. Pino, L. Valentin-Blasini, and L.E. Braverman. 2007. Breast milk iodine and perchlorate concentrations in lactating Boston-area women. *Journal of Clinical Endocrinology & Metabolism* 92 (5):1673-7.
82. Schier, J.G., A.F. Wolkin, L. Valentin-Blasini, M.G. Belson, S.M. Kieszak, C.S. Rubin, and B.C. Blount. 2010. Perchlorate exposure from infant formula and comparisons with the perchlorate reference dose. *Journal of Exposure Science and Environmental Epidemiology* 20 (3):281-7.
83. Greer, M.A., G. Goodman, R.C. Pleus, and S.E. Greer. 2002. Health effects assessment for environmental perchlorate contamination: the dose response for inhibition of thyroidal radioiodine uptake in humans. *Environmental Health Perspectives* 110 (9):927-37.
84. National Research Council. 2005. *Health Implications of Perchlorate Ingestion*. Washington, DC: National Academies Press. http://www.nap.edu/catalog.php?record_id=11202.
85. U.S. Environmental Protection Agency. 2008. *Interim Drinking Water Health Advisory for Perchlorate*. Washington, DC: U.S. EPA, Office of Water. EPA 822-R-08-025. http://www.epa.gov/ogwdw/contaminants/unregulated/pdfs/healthadvisory_perchlorate_interim.pdf.
86. U.S. Environmental Protection Agency. 2008. *2006 Drinking Water Data Reliability Analysis and Action Plan*. Washington, DC. EPA 816-R-07-010. http://www.epa.gov/ogwdw/databases/pdfs/report_data_datareliability_2006.pdf.
87. U.S. Environmental Protection Agency. 1989. Drinking Water; National Primary Drinking Water Regulations; Total Coliforms (Including Fecal Coliforms and E. Coli) Final Rule. *Federal Register* 54 (124):27544-68.
88. U.S. Environmental Protection Agency. 2010. *Total Coliform Rule: Basic Information*. U.S. EPA, Office of Water. Retrieved November 25, 2010 from <http://water.epa.gov/lawsregs/rulesregs/sdwa/tcr/basicinformation.cfm>.
89. U.S. Environmental Protection Agency. 2010. *Microbial and Disinfection Byproducts Rules: Microbials and Disinfection Byproducts*. U.S. EPA, Office of Water. Retrieved November 25, 2010 from <http://water.epa.gov/lawsregs/rulesregs/sdwa/mdbp/index.cfm>.
90. U.S. Environmental Protection Agency. 2001. National Primary Drinking Water Regulations; Arsenic and Clarifications to Compliance and New Source Contaminants Monitoring. *Federal Register* 66 (14):6975-7066.
91. U.S. Environmental Protection Agency. 2006. National Primary Drinking Water Regulations: Stage 2 Disinfectants and Disinfection Byproducts Rule. *Federal Register* 71 (2):387-493.
92. U.S. Environmental Protection Agency. 2009. *Factoids: Drinking Water and Ground Water Statistics for 2009*. Washington, DC: U.S. EPA, Office of Water. EPA 816-K-09-004. http://www.epa.gov/safewater/databases/pdfs/data_factoids_2009.pdf.
93. U.S. Environmental Protection Agency. 2005. *Water Health Series: Bottled Water Basics*. Washington, DC: U.S. EPA, Office of Water. 816-K-05-003. http://www.epa.gov/safewater/faq/pdfs/fs_healthseries_bottlewater.pdf.
94. U.S. Environmental Protection Agency. 2010. *Public Drinking Water Systems Programs*. U.S. EPA, Office of Water. Retrieved November 25, 2010 from <http://water.epa.gov/infrastructure/drinkingwater/pws/index.cfm>.
95. U.S. Food and Drug Administration. 2011. *FDA Regulates the Safety of Bottled Water Beverages Including Flavored Water and Nutrient-Added Water Beverages*. U.S. FDA. Retrieved June 21, 2011 from <http://www.fda.gov/Food/ResourcesForYou/Consumers/ucm046894.htm>.
96. U.S. Environmental Protection Agency. 2010. *Private Drinking Water Wells*. U.S. EPA, Office of Water. Retrieved January 10, 2011 from <http://water.epa.gov/drink/info/well/index.cfm>.
97. U.S. Geological Survey. 2004. Estimated Use of Water in the United States in 2000. In *USGS Circular 1268*. Denver, CO.
98. Focazio, M.J., D. Tipton, S. Dunkle Shapiro, and L.H. Geiger. 2006. The Chemical Quality of Self-Supplied Domestic Well Water in the United States. *Ground Water Monitoring and Remediation* 26 (3):92-104.
99. DeSimone, L.A. 2009. *Quality of Water from Domestic Wells in Principal Aquifers of the United States, 1991–2004: U.S. Geological Survey Scientific Investigations Report*. Reston, VA: U.S.G.S. SIR 2008–5227. <http://pubs.usgs.gov/sir/2008/5227>.
100. U.S. Environmental Protection Agency. 2009. *Potential Environmental Impacts of Animal Feeding Operations*. U.S. EPA, Ag Center. Retrieved January 10, 2011 from <http://www.epa.gov/agriculture/ag101/impacts.html>.

Chemicals in Food

1. National Research Council. 1993. *Pesticides in the Diets of Infants and Children*. Washington, DC: National Academy Press. http://www.nap.edu/catalog/2126.html?se_side.
2. Scallan, E., P.M. Griffin, F.J. Angulo, R.V. Tauxe, and R.M. Hoekstra. 2011. Foodborne illness acquired in the United States--unspecified agents. *Emerging Infectious Diseases* 17 (1):16-22.
3. Centers for Disease Control and Prevention. 2011. Vital Signs: Incidence and trends of infection with pathogens transmitted commonly through food--foodborne diseases active surveillance network, 10 U.S. sites, 1996-2010. *Morbidity and Mortality Weekly Report* 60 (22):749-755.
4. Guimaraes, J.R.D., J. Ikingura, and H. Akagi. 2000. Methyl mercury production and distribution in river water-sediment systems investigated through radiochemical techniques. *Water, Air, and Soil Pollution* 124 (1-2):113-124.
5. Chen, C.Y., R.S. Stemberger, B. Klaue, J.D. Blum, P.C. Pickhardt, and C.L. Folt. 2000. Accumulation of heavy metals in food web components across a gradient of lakes. *Limnology and Oceanography* 45 (7):1525-1536.
6. Dietz, R., F. Riget, M. Cleemann, A. Aarkrog, P. Johansen, and J.C. Hansen. 2000. Comparison of contaminants from different trophic levels and ecosystems. *Science of the Total Environment* 245 (1-3):221-231.
7. Gilmour, C.C., and G.S. Riedel. 2000. A survey of size-specific mercury concentrations in game fish from Maryland fresh and estuarine waters. *Archives of Environmental Contamination and Toxicology* 39 (1):53-59.
8. Mason, R.P., J.R. Reinfelder, and F.M.M. Morel. 1995. Bioaccumulation of mercury and methylmercury. *Water, Air, and Soil Pollution* 80:915-921.
9. Mahaffey, K.R. 2004. Fish and shellfish as dietary sources of methylmercury and the omega-3 fatty acids, eicosahexaenoic acid and docosahexaenoic acid: risks and benefits. *Environmental Research* 95 (3):414-28.
10. U.S. Environmental Protection Agency. 1997. *Mercury Study Report to Congress Volumes I to VII*. Washington DC: U.S. Environmental Protection Agency Office of Air Quality Planning and Standards and Office of Research and Development. EPA-452/R-97-003. <http://www.epa.gov/hg/report.htm>.
11. Karagas, M.R., A.L. Choi, E. Oken, M. Horvat, R. Schoeny, E. Kamai, W. Cowell, P. Grandjean, and S. Korrick. 2012. Evidence on the human health effects of low-level methylmercury exposure. *Environmental Health Perspectives* 120 (6):799-806.
12. Lederman, S.A., R.L. Jones, K.L. Caldwell, V. Rauh, S.E. Sheets, D. Tang, S. Viswanathan, M. Becker, J.L. Stein, R.Y. Wang, et al. 2008. Relation between cord blood mercury levels and early child development in a World Trade Center cohort. *Environmental Health Perspectives* 116 (8):1085-91.
13. Lynch, M.L., L.S. Huang, C. Cox, J.J. Strain, G.J. Myers, M.P. Bonham, C.F. Shamlaye, A. Stokes-Riner, J.M. Wallace, E.M. Duffy, et al. 2011. Varying coefficient function models to explore interactions between maternal nutritional status and prenatal methylmercury toxicity in the Seychelles Child Development Nutrition Study. *Environmental Research* 111 (1):75-80.
14. National Research Council. 2000. *Toxicological Effects of Methylmercury*. Washington, DC: National Academy Press.
15. Oken, E., J.S. Radesky, R.O. Wright, D.C. Bellinger, C.J. Amarasiriwardena, K.P. Kleinman, H. Hu, and M.W. Gillman. 2008. Maternal fish intake during pregnancy, blood mercury levels, and child cognition at age 3 years in a US cohort. *American Journal of Epidemiology* 167 (10):1171-81.
16. Institute of Medicine. 2006. *Seafood Choices: Balancing Benefits and Risks*. Washington, DC: Committee on Nutrient Relationships in Seafood: Selections to Balance Benefits and Risks. Food and Nutrition Board. Institute of Medicine. <http://iom.edu/Reports/2006/Seafood-Choices-Balancing-Benefits-and-Risks.aspx>.
17. U.S. Environmental Protection Agency, and U.S. Food and Drug Administration. 2004. *What You Need to Know About Mercury in Fish and Shellfish. Advice for Women who Might Become Pregnant, Women who are Pregnant, Nursing Mothers and Children*. Washington, DC: U.S. Environmental Protection Agency and U.S. Food and Drug Administration. EPA-823-F-04-009. <http://www.epa.gov/waterscience/fish/files/MethylmercuryBrochure.pdf>.
18. Ginsberg, G.L., and B.F. Toal. 2009. Quantitative approach for incorporating methylmercury risks and omega-3 fatty acid benefits in developing species-specific fish consumption advice. *Environmental Health Perspectives* 117 (2):267-75.
19. U.S. Department of Agriculture, and U.S. Department of Health and Human Services. 2010. *Dietary Guidelines for Americans, 2010*. Washington, DC: U.S. Government Printing Office. <http://www.cnpp.usda.gov/Publications/DietaryGuidelines/2010/PolicyDoc/PolicyDoc.pdf>.
20. Agency for Toxic Substances and Disease Registry (ATSDR). 2000. *Toxicological Profile for Polychlorinated Biphenyls (PCBs)*. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service. <http://www.atsdr.cdc.gov/toxprofiles/tp.asp?id=142&tid=26>.
21. Choi, A.L., J.I. Levy, D.W. Dockery, L.M. Ryan, P.E. Tolbert, L.M. Altshul, and S.A. Korrick. 2006. Does living near a Superfund site contribute to higher polychlorinated biphenyl (PCB) exposure? *Environmental Health Perspectives* 114 (7):1092-8.

Chemicals in Food (continued)

22. U.S. Department of Agriculture. 2009. *DIOXIN 08 Survey: Dioxin and Dioxin-Like Compounds in the U.S. Domestic Meat and Poultry Supply*. Washington, DC: USDA Food Safety and Inspection Service, Office of Public Health Science, Risk Assessment Division. http://www.fsis.usda.gov/PDF/Dioxin_Report_1009.pdf.
23. Axelrad, D.A., S. Goodman, and T.J. Woodruff. 2009. PCB body burdens in US women of childbearing age 2001-2002: An evaluation of alternate summary metrics of NHANES data. *Environmental Research* 109 (4):368-78.
24. Patterson, D.G., Jr., L.Y. Wong, W.E. Turner, S.P. Caudill, E.S. Dipietro, P.C. McClure, T.P. Cash, J.D. Osterloh, J.L. Pirkle, E.J. Sampson, et al. 2009. Levels in the U.S. population of those persistent organic pollutants (2003-2004) included in the Stockholm Convention or in other long range transboundary air pollution agreements. *Environmental Science & Technology* 43 (4):1211-8.
25. Hickey, J.P., S.A. Batterman, and S.M. Chernyak. 2006. Trends of chlorinated organic contaminants in great lakes trout and walleye from 1970 to 1998. *Archives of Environmental Contamination and Toxicology* 50 (1):97-110.
26. Schecter, A., O. Papke, K.C. Tung, J. Joseph, T.R. Harris, and J. Dahlgren. 2005. Polybrominated diphenyl ether flame retardants in the U.S. population: current levels, temporal trends, and comparison with dioxins, dibenzofurans, and polychlorinated biphenyls. *Journal of Occupational and Environmental Medicine* 47 (3):199-211.
27. Sjodin, A., R.S. Jones, J.F. Focant, C. Lapeza, R.Y. Wang, E.E. McGahee, 3rd, Y. Zhang, W.E. Turner, B. Slazyk, L.L. Needham, et al. 2004. Retrospective time-trend study of polybrominated diphenyl ether and polybrominated and polychlorinated biphenyl levels in human serum from the United States. *Environmental Health Perspectives* 112 (6):654-8.
28. Sun, P., I. Basu, P. Blanchard, K.A. Brice, and R.A. Hites. 2007. Temporal and spatial trends of atmospheric polychlorinated biphenyl concentrations near the Great Lakes. *Environmental Science and Technology* 41 (4):1131-6.
29. Schantz, S.L., J.C. Gardiner, D.M. Gasior, R.J. McCaffrey, A.M. Sweeney, and H.E.B. Humphrey. 2004. Much ado about something: the weight of evidence for PCB effects on neuropsychological function. *Psychology in the Schools* 41 (6):669-679.
30. Schantz, S.L., J.J. Widholm, and D.C. Rice. 2003. Effects of PCB exposure on neuropsychological function in children. *Environmental Health Perspectives* 111 (3):357-376.
31. Selgrade, M.K. 2007. Immunotoxicity: the risk is real. *Toxicological Sciences* 100 (2):328-32.
32. Boucher, O., G. Muckle, and C.H. Bastien. 2009. Prenatal exposure to polychlorinated biphenyls: a neuropsychologic analysis. *Environmental Health Perspectives* 117 (1):7-16.
33. Ribas-Fito, N., M. Sala, M. Kogevinas, and J. Sunyer. 2001. Polychlorinated biphenyls (PCBs) and neurological development in children: a systematic review. *Journal of Epidemiology and Community Health* 55 (8):537-46.
34. Wigle, D.T., T.E. Arbuckle, M.C. Turner, A. Berube, Q. Yang, S. Liu, and D. Krewski. 2008. Epidemiologic evidence of relationships between reproductive and child health outcomes and environmental chemical contaminants. *Journal of Toxicology and Environmental Health B Critical Reviews* 11 (5-6):373-517.
35. Jacobson, J.L., S.W. Jacobson, and H.E. Humphrey. 1990. Effects of exposure to PCBs and related compounds on growth and activity in children. *Neurotoxicology and Teratology* 12 (4):319-26.
36. Vreugdenhil, H.J., P.G. Mulder, H.H. Emmen, and N. Weisglas-Kuperus. 2004. Effects of perinatal exposure to PCBs on neuropsychological functions in the Rotterdam cohort at 9 years of age. *Neuropsychology* 18 (1):185-93.
37. Walkowiak, J., J.A. Wiener, A. Fastabend, B. Heinzow, U. Kramer, E. Schmidt, H.J. Steingruber, S. Wundram, and G. Winneke. 2001. Environmental exposure to polychlorinated biphenyls and quality of the home environment: effects on psychodevelopment in early childhood. *Lancet* 358 (9293):1602-7.
38. Institute of Medicine. 2003. *Dioxins and Dioxin-like Compounds in the Food Supply*. Washington, DC: National Academy Press. http://books.nap.edu/openbook.php?record_id=10763&page=R1.
39. U.S. Environmental Protection Agency. 2010. *DecaBDE Phase-out Initiative*. U.S. Environmental Protection Agency. Retrieved February 26, 2010 from <http://www.epa.gov/oppt/existingchemicals/pubs/actionplans/deccadbe.html>.
40. Costa, L.G., and G. Giordano. 2007. Developmental neurotoxicity of polybrominated diphenyl ether (PBDE) flame retardants. *Neurotoxicology* 28 (6):1047-1067.
41. Frederiksen, M., K. Vorkamp, M. Thomsen, and L.E. Knudsen. 2009. Human internal and external exposure to PBDEs--a review of levels and sources. *International Journal of Hygiene and Environmental Health* 212 (2):109-34.
42. Huwe, J.K., and G.L. Larsen. 2005. Polychlorinated dioxins, furans, and biphenyls, and polybrominated diphenyl ethers in a U.S. meat market basket and estimates of dietary intake. *Environmental Science and Technology* 39 (15):5606-11.
43. Rose, M., D.H. Bennett, A. Bergman, B. Fangstrom, I.N. Pessah, and I. Hertz-Picciotto. 2010. PBDEs in 2-5 year-old children from California and associations with diet and indoor environment. *Environmental Science and Technology* 44 (7):2648-53.
44. Schecter, A., J. Colacino, K. Patel, K. Kannan, S.H. Yun, D. Haffner, T.R. Harris, and L. Birnbaum. 2010. Polybrominated diphenyl ether levels in foodstuffs collected from three locations from the United States. *Toxicology and Applied Pharmacology* 243 (2):217-24.

Chemicals in Food (continued)

45. Schecter, A., D. Haffner, J. Colacino, K. Patel, O. Papke, M. Opel, and L. Birnbaum. 2010. Polybrominated diphenyl ethers (PBDEs) and hexabromocyclodecane (HBCD) in composite U.S. food samples. *Environmental Health Perspectives* 118 (3):357-62.
46. Schecter, A., O. Papke, T.R. Harris, K.C. Tung, A. Musumba, J. Olson, and L. Birnbaum. 2006. Polybrominated diphenyl ether (PBDE) levels in an expanded market basket survey of U.S. food and estimated PBDE dietary intake by age and sex. *Environmental Health Perspectives* 114 (10):1515-20.
47. Wu, N., T. Herrmann, O. Paepke, J. Tickner, R. Hale, L.E. Harvey, M. La Guardia, M.D. McClean, and T.F. Webster. 2007. Human exposure to PBDEs: associations of PBDE body burdens with food consumption and house dust concentrations. *Environmental Science & Technology* 41 (5):1584-9.
48. Yogui, G.T., and J.L. Sericano. 2009. Polybrominated diphenyl ether flame retardants in the U.S. marine environment: a review. *Environment International* 35 (3):655-66.
49. Fraser, A.J., T.F. Webster, and M.D. McClean. 2009. Diet contributes significantly to the body burden of PBDEs in the general U.S. population. *Environmental Health Perspectives* 117 (10):1520-5.
50. Johnson-Restrepo, B., and K. Kannan. 2009. An assessment of sources and pathways of human exposure to polybrominated diphenyl ethers in the United States. *Chemosphere* 76 (4):542-8.
51. Lorber, M. 2008. Exposure of Americans to polybrominated diphenyl ethers. *Journal of Exposure Science and Environmental Epidemiology* 18 (1):2-19.
52. Stapleton, H.M., S.M. Kelly, J.G. Allen, M.D. McClean, and T.F. Webster. 2008. Measurement of polybrominated diphenyl ethers on hand wipes: estimating exposure from hand-to-mouth contact. *Environmental Science and Technology* 42 (9):3329-34.
53. U.S. Environmental Protection Agency. 2010. *An Exposure Assessment of Polybrominated Diphenyl Ethers*. Washington, DC: U.S. EPA, National Center for Environmental Assessment. EPA/600/R-08/086F. <http://cfpub.epa.gov/ncea/cfm/recordisplay.cfm?deid=210404>.
54. Wei, H., M. Turyk, S. Cali, S. Dorevitch, S. Erdal, and A. Li. 2009. Particle size fractionation and human exposure of polybrominated diphenyl ethers in indoor dust from Chicago. *Journal of Environmental Science and Health, Part A: Toxic/Hazardous Substances and Environmental Engineering* 44 (13):1353-61.
55. Birnbaum, L.S., and D.F. Staskal. 2004. Brominated flame retardants: cause for concern? *Environmental Health Perspectives* 112 (1):9-17.
56. Branchi, I., F. Capone, E. Alleva, and L.G. Costa. 2003. Polybrominated diphenyl ethers: neurobehavioral effects following developmental exposure. *Neurotoxicology* 24 (3):449-62.
57. Costa, L.G., G. Giordano, S. Tagliaferri, A. Caglieri, and A. Mutti. 2008. Polybrominated diphenyl ether (PBDE) flame retardants: Environmental contamination, human body burden and potential adverse health effects. *Acta Biomedica* 79 (3):172-183.
58. Herbstman, J.B., A. Sjodin, M. Kurzon, S.A. Lederman, R.S. Jones, V. Rauh, L.L. Needham, D. Tang, M. Niedzwiecki, R.Y. Wang, et al. 2010. Prenatal exposure to PBDEs and neurodevelopment. *Environmental Health Perspectives* 118 (5):712-9.
59. McDonald, T.A. 2005. Polybrominated diphenylether levels among United States residents: daily intake and risk of harm to the developing brain and reproductive organs. *Integrated Environmental Assessment and Management* 1 (4):343-54.
60. Le, H.H., E.M. Carlson, J.P. Chua, and S.M. Belcher. 2008. Bisphenol A is released from polycarbonate drinking bottles and mimics the neurotoxic actions of estrogen in developing cerebellar neurons. *Toxicology Letters* 176 (2):149-56.
61. National Toxicology Program. 2008. *NTP-CERHR Monograph on the Potential Human Reproductive and Developmental Effects of Bisphenol A*. Research Triangle Park, NC: National Institute of Environmental Health Sciences, National Toxicology Program. <http://ntp.niehs.nih.gov/ntp/ohat/bisphenol/bisphenol.pdf>.
62. Vandenberg, L.N., R. Hauser, M. Marcus, N. Olea, and W.V. Welshons. 2007. Human exposure to bisphenol A (BPA). *Reproductive Toxicology* 24 (2):139-77.
63. Diamanti-Kandarakis, E., J.P. Bourguignon, L.C. Giudice, R. Hauser, G.S. Prins, A.M. Soto, R.T. Zoeller, and A.C. Gore. 2009. Endocrine-disrupting chemicals: an Endocrine Society scientific statement. *Endocrine Reviews* 30 (4):293-342.
64. vom Saal, F.S., B.T. Akingbemi, S.M. Belcher, L.S. Birnbaum, D.A. Crain, M. Eriksen, F. Farabolini, L.J. Guillette, Jr., R. Hauser, J.J. Heindel, et al. 2007. Chapel Hill bisphenol A expert panel consensus statement: integration of mechanisms, effects in animals and potential to impact human health at current levels of exposure. *Reproductive Toxicology* 24 (2):131-8.
65. Kavlock, R.J., G.P. Daston, C. DeRosa, P. Fenner-Crisp, L.E. Gray, S. Kaattari, G. Lucier, M. Luster, M.J. Mac, C. Maczka, et al. 1996. Research needs for the risk assessment of health and environmental effects of endocrine disruptors: a report of the U.S. EPA-sponsored workshop. *Environmental Health Perspectives* 104 (Suppl 4):715-40.
66. Howdeshell, K.L., J. Furr, C.R. Lambright, V.S. Wilson, B.C. Ryan, and L.E. Gray, Jr. 2008. Gestational and lactational exposure to ethinyl estradiol, but not bisphenol A, decreases androgen-dependent reproductive organ weights and epididymal sperm abundance in the male long evans hooded rat. *Toxicological Sciences* 102 (2):371-82.

Chemicals in Food (continued)

67. Palanza, P.L., K.L. Howdeshell, S. Parmigiani, and F.S. vom Saal. 2002. Exposure to a low dose of bisphenol A during fetal life or in adulthood alters maternal behavior in mice. *Environmental Health Perspectives* 110 (Suppl 3):415-22.
68. Sharpe, R.M. 2010. Is it time to end concerns over the estrogenic effects of Bisphenol A? *Toxicological Sciences* 114 (1):1-4.
69. Vandenberg, L.N., M.V. Maffini, C. Sonnenschein, B.S. Rubin, and A.M. Soto. 2009. Bisphenol-A and the great divide: a review of controversies in the field of endocrine disruption. *Endocrine Reviews* 30 (1):75-95.
70. U.S. Food and Drug Administration. 2012. BPA. USFDA. Retrieved July 20, 2012 from <http://www.fda.gov/Food/FoodIngredientsPackaging/ucm166145.htm>.
71. Agency for Toxic Substances and Disease Registry (ATSDR). 1995. *Toxicological profile for diethyl phthalate*. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.
72. Agency for Toxic Substances and Disease Registry (ATSDR). 1997. *Toxicological profile for di-n-octylphthalate (DNOP)*. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.
73. Agency for Toxic Substances and Disease Registry (ATSDR). 2001. *Toxicological profile for Di-n-butyl Phthalate. Update*. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service. .
74. Agency for Toxic Substances and Disease Registry (ATSDR). 2002. *Toxicological profile for Di(2-ethylhexyl)phthalate (DEHP)*. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.
75. Mortensen, G.K., K.M. Main, A.M. Andersson, H. Leffers, and N.E. Skakkebaek. 2005. Determination of phthalate monoesters in human milk, consumer milk, and infant formula by tandem mass spectrometry (LC-MS-MS). *Analytical and Bioanalytical Chemistry* 382 (4):1084-92.
76. Andrade, A.J., S.W. Grande, C.E. Talsness, K. Grote, A. Golombiewski, A. Sterner-Kock, and I. Chahoud. 2006. A dose-response study following in utero and lactational exposure to di-(2-ethylhexyl) phthalate (DEHP): effects on androgenic status, developmental landmarks and testicular histology in male offspring rats. *Toxicology* 225 (1):64-74.
77. Barlow, N.J., B.S. McIntyre, and P.M. Foster. 2004. Male reproductive tract lesions at 6, 12, and 18 months of age following in utero exposure to di(n-butyl) phthalate. *Toxicologic Pathology* 32 (1):79-90.
78. Christiansen, S., M. Scholze, M. Axelstad, J. Boberg, A. Kortenkamp, and U. Hass. 2008. Combined exposure to anti-androgens causes markedly increased frequencies of hypospadias in the rat. *International Journal of Andrology* 31 (2):241-8.
79. Gray, L.E., Jr., J. Ostby, J. Furr, M. Price, D.N. Veeramachaneni, and L. Parks. 2000. Perinatal exposure to the phthalates DEHP, BBP, and DINP, but not DEP, DMP, or DOTP, alters sexual differentiation of the male rat. *Toxicological Sciences* 58 (2):350-65.
80. Howdeshell, K.L., V.S. Wilson, J. Furr, C.R. Lambright, C.V. Rider, C.R. Blystone, A.K. Hotchkiss, and L.E. Gray, Jr. 2008. A mixture of five phthalate esters inhibits fetal testicular testosterone production in the sprague-dawley rat in a cumulative, dose-additive manner. *Toxicological Sciences* 105 (1):153-65.
81. Lehmann, K.P., S. Phillips, M. Sar, P.M. Foster, and K.W. Gaido. 2004. Dose-dependent alterations in gene expression and testosterone synthesis in the fetal testes of male rats exposed to di (n-butyl) phthalate. *Toxicological Sciences* 81 (1):60-8.
82. Metzдорff, S.B., M. Dalgaard, S. Christiansen, M. Axelstad, U. Hass, M.K. Kiersgaard, M. Scholze, A. Kortenkamp, and A.M. Vinggaard. 2007. Dysgenesis and histological changes of genitals and perturbations of gene expression in male rats after in utero exposure to antiandrogen mixtures. *Toxicological Sciences* 98 (1):87-98.
83. Mylchreest, E., D.G. Wallace, R.C. Cattley, and P.M. Foster. 2000. Dose-dependent alterations in androgen-regulated male reproductive development in rats exposed to Di(n-butyl) phthalate during late gestation. *Toxicological Sciences* 55 (1):143-51.
84. National Research Council. 2008. *Phthalates and Cumulative Risk Assessment: The Tasks Ahead*. Washington, DC: The National Academies Press. http://www.nap.edu/catalog.php?record_id=12528.
85. Sharpe, R.M. 2008. "Additional" effects of phthalate mixtures on fetal testosterone production. *Toxicological Sciences* 105 (1):1-4.
86. Main, K.M., G.K. Mortensen, M.M. Kaleva, K.A. Boisen, I.N. Damgaard, M. Chellakooty, I.M. Schmidt, A.M. Suomi, H.E. Virtanen, D.V. Petersen, et al. 2006. Human breast milk contamination with phthalates and alterations of endogenous reproductive hormones in infants three months of age. *Environmental Health Perspectives* 114 (2):270-6.
87. Nassar, N., P. Abeywardana, A. Barker, and C. Bower. 2009. Parental occupational exposure to potential endocrine disrupting chemicals and risk of hypospadias in infants. *Occupational and Environmental Medicine* 67 (9):585-9.
88. Swan, S.H. 2008. Environmental phthalate exposure in relation to reproductive outcomes and other health endpoints in humans. *Environmental Research* 108 (2):177-84.
89. Swan, S.H., K.M. Main, F. Liu, S.L. Stewart, R.L. Kruse, A.M. Calafat, C.S. Mao, J.B. Redmon, C.L. Ternand, S. Sullivan, et al. 2005. Decrease in anogenital distance among male infants with prenatal phthalate exposure. *Environmental Health Perspectives* 113 (8):1056-61.
90. Agency for Toxic Substances and Disease Registry (ATSDR). 2009. *Toxicological profile for Perfluoroalkyls. (Draft for Public Comment)*. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service. <http://www.atsdr.cdc.gov/toxprofiles/tp200.pdf>.

Chemicals in Food (continued)

91. Calafat, A.M., L.Y. Wong, Z. Kuklenyik, J.A. Reidy, and L.L. Needham. 2007. Polyfluoroalkyl chemicals in the U.S. population: data from the National Health and Nutrition Examination Survey (NHANES) 2003-2004 and comparisons with NHANES 1999-2000. *Environmental Health Perspectives* 115 (11):1596-602.
92. Egeghy, P.P., and M. Lorber. 2010. An assessment of the exposure of Americans to perfluorooctane sulfonate: A comparison of estimated intake with values inferred from NHANES data. *Journal of Exposure Science and Environmental Epidemiology* Epub Date 2010/02/11.
93. Trudel, D., L. Horowitz, M. Wormuth, M. Scheringer, I.T. Cousins, and K. Hungerbuhler. 2008. Estimating consumer exposure to PFOS and PFOA. *Risk Analysis* 28 (2):251-69.
94. Begley, T.H., K. White, P. Honigfort, M.L. Twaroski, R. Neches, and R.A. Walker. 2005. Perfluorochemicals: potential sources of and migration from food packaging. *Food Additives and Contaminants* 22 (10):1023-31.
95. Tittlemier, S.A., K. Pepper, C. Seymour, J. Moisey, R. Bronson, X.L. Cao, and R.W. Dabeka. 2007. Dietary exposure of Canadians to perfluorinated carboxylates and perfluorooctane sulfonate via consumption of meat, fish, fast foods, and food items prepared in their packaging. *Journal of Agricultural and Food Chemistry* 55 (8):3203-10.
96. Ericson, I., R. Marti-Cid, M. Nadal, B. Van Bavel, G. Lindstrom, and J.L. Domingo. 2008. Human exposure to perfluorinated chemicals through the diet: intake of perfluorinated compounds in foods from the Catalan (Spain) market. *Journal of Agricultural and Food Chemistry* 56 (5):1787-94.
97. Schecter, A., J. Colacino, D. Haffner, K. Patel, M. Opel, O. Papke, and L. Birnbaum. 2010. Perfluorinated compounds, polychlorinated biphenyl, and organochlorine pesticide contamination in composite food samples from Dallas, Texas. *Environmental Health Perspectives* 118:796-802.
98. Era, S., K.H. Harada, M. Toyoshima, K. Inoue, M. Minata, N. Saito, T. Takigawa, K. Shiota, and A. Koizumi. 2009. Cleft palate caused by perfluorooctane sulfonate is caused mainly by extrinsic factors. *Toxicology* 256 (1-2):42-7.
99. Lau, C., J.R. Thibodeaux, R.G. Hanson, J.M. Rogers, B.E. Grey, M.E. Stanton, J.L. Butenhoff, and L.A. Stevenson. 2003. Exposure to perfluorooctane sulfonate during pregnancy in rat and mouse. II: postnatal evaluation. *Toxicological Sciences* 74 (2):382-92.
100. Apelberg, B.J., F.R. Witter, J.B. Herbstman, A.M. Calafat, R.U. Halden, L.L. Needham, and L.R. Goldman. 2007. Cord serum concentrations of perfluorooctane sulfonate (PFOS) and perfluorooctanoate (PFOA) in relation to weight and size at birth. *Environmental Health Perspectives* 115 (11):1670-6.
101. Fei, C., J.K. McLaughlin, R.E. Tarone, and J. Olsen. 2007. Perfluorinated chemicals and fetal growth: a study within the Danish National Birth Cohort. *Environmental Health Perspectives* 115 (11):1677-82.
102. Fei, C., J.K. McLaughlin, R.E. Tarone, and J. Olsen. 2008. Fetal growth indicators and perfluorinated chemicals: a study in the Danish National Birth Cohort. *American Journal of Epidemiology* 168 (1):66-72.
103. Washino, N., Y. Saijo, S. Sasaki, S. Kato, S. Ban, K. Konishi, R. Ito, A. Nakata, Y. Iwasaki, K. Saito, et al. 2009. Correlations between prenatal exposure to perfluorinated chemicals and reduced fetal growth. *Environmental Health Perspectives* 117 (4):660-7.
104. Hamm, M.P., N.M. Cherry, E. Chan, J.W. Martin, and I. Burstyn. 2010. Maternal exposure to perfluorinated acids and fetal growth. *Journal of Exposure Science and Environmental Epidemiology* 20:589-597.
105. Monroy, R., K. Morrison, K. Teo, S. Atkinson, C. Kubwabo, B. Stewart, and W.G. Foster. 2008. Serum levels of perfluoroalkyl compounds in human maternal and umbilical cord blood samples. *Environmental Research* 108 (1):56-62.
106. Centers for Disease Control and Prevention. *Perchlorate in Baby Formula Fact Sheet*. Retrieved August 13, 2009 from http://cdc.gov/nceh/features/perchlorate_factsheet.htm.
107. National Research Council. 2005. *Health Implications of Perchlorate Ingestion*. Washington, DC: National Academy Press. http://www.nap.edu/catalog.php?record_id=11202.
108. Sanchez, C.A., L.M. Barraj, B.C. Blount, C.G. Scrafford, L. Valentin-Blasini, K.M. Smith, and R.I. Krieger. 2009. Perchlorate exposure from food crops produced in the lower Colorado River region. *Journal of Exposure Science and Environmental Epidemiology* 19 (4):359-68.
109. U.S. Environmental Protection Agency. *Perchlorate*. Retrieved August 13, 2009 from <http://www.epa.gov/safewater/contaminants/unregulated/perchlorate.html>.
110. Dasgupta, P.K., A.B. Kirk, J.V. Dyke, and S. Ohira. 2008. Intake of iodine and perchlorate and excretion in human milk. *Environmental Science & Technology* 42 (21):8115-21.
111. Kirk, A.B., J.V. Dyke, C.F. Martin, and P.K. Dasgupta. 2007. Temporal patterns in perchlorate, thiocyanate, and iodide excretion in human milk. *Environmental Health Perspectives* 115 (2):182-6.
112. Kirk, A.B., P.K. Martinelango, K. Tian, A. Dutta, E.E. Smith, and P.K. Dasgupta. 2005. Perchlorate and iodide in dairy and breast milk. *Environmental Science & Technology* 39 (7):2011-7.

Chemicals in Food (continued)

113. Murray, C.W., S.K. Egan, H. Kim, N. Beru, and P.M. Bolger. 2008. US Food and Drug Administration's Total Diet Study: dietary intake of perchlorate and iodine. *Journal of Exposure Science and Environmental Epidemiology* 18 (6):571-80.
114. Sanchez, C.A., K.S. Crump, R.I. Krieger, N.R. Khandaker, and J.P. Gibbs. 2005. Perchlorate and nitrate in leafy vegetables of North America. *Environmental Science & Technology* 39 (24):9391-7.
115. U.S. Food and Drug Administration. 2007. *2004-2005 Exploratory Survey Data on Perchlorate in Food*. U.S. FDA. Retrieved January 18, 2012 from <http://www.fda.gov/Food/FoodSafety/FoodContaminantsAdulteration/ChemicalContaminants/Perchlorate/ucm077685.htm>.
116. Blount, B.C., and L. Valentin-Blasini. 2007. Biomonitoring as a method for assessing exposure to perchlorate. *Thyroid* 17 (9):837-41.
117. Pearce, E.N., A.M. Leung, B.C. Blount, H.R. Bazrafshan, X. He, S. Pino, L. Valentin-Blasini, and L.E. Braverman. 2007. Breast milk iodine and perchlorate concentrations in lactating Boston-area women. *The Journal of Clinical Endocrinology and Metabolism* 92 (5):1673-7.
118. Schier, J.G., A.F. Wolkin, L. Valentin-Blasini, M.G. Belson, S.M. Kieszak, C.S. Rubin, and B.C. Blount. 2009. Perchlorate exposure from infant formula and comparisons with the perchlorate reference dose. *Journal of Exposure Science and Environmental Epidemiology* 20 (3):281-7.
119. Greer, M.A., G. Goodman, R.C. Pleus, and S.E. Greer. 2002. Health effects assessment for environmental perchlorate contamination: the dose response for inhibition of thyroidal radioiodine uptake in humans. *Environmental Health Perspectives* 110 (9):927-37.
120. U.S. Food and Drug Administration. *Perchlorate Questions and Answers*. Retrieved August 13, 2009 from <http://www.fda.gov/Food/FoodSafety/FoodContaminantsAdulteration/ChemicalContaminants/Perchlorate/ucm077572.htm#effects>.
121. Morreale de Escobar, G., M.J. Obregon, and F. Escobar del Rey. 2000. Is Neuropsychological Development Related to Maternal Hypothyroidism or to Maternal Hypothyroxinemia? *The Journal of Clinical Endocrinology and Metabolism* 85 (11):3975-87.
122. Eskenazi, B., A. Bradman, and R. Castorina. 1999. Exposures of children to organophosphate pesticides and their potential adverse health effects. *Environmental Health Perspectives* 107 (Suppl. 3):409-19.
123. Huen, K., Harley, K., Brooks, J., Hubbard, A., Bradman, A., Eskenazi, B., Holland, N. 2009. Developmental changes in PON1 enzyme activity in young children and effects of PON1 polymorphisms. *Environmental Health Perspectives* 117 (10):1632-8.
124. Marks, A.R., K. Harley, A. Bradman, K. Kogut, D.B. Barr, C. Johnson, N. Calderon, and B. Eskenazi. 2010. Organophosphate pesticide exposure and attention in young Mexican-American children: the CHAMACOS study. *Environmental Health Perspectives* 118 (12):1768-74.
125. Bouchard, M.F., D.C. Bellinger, R.O. Wright, and M.G. Weisskopf. 2010. Attention-deficit/hyperactivity disorder and urinary metabolites of organophosphate pesticides. *Pediatrics* 125 (6):e1270-7.
126. Bouchard, M.F., J. Chevrier, K.G. Harley, K. Kogut, M. Vedar, N. Calderon, C. Trujillo, C. Johnson, A. Bradman, D.B. Barr, et al. 2011. Prenatal exposure to organophosphate pesticides and IQ in 7-year old children. *Environmental Health Perspectives* 119 (8):1189-95.
127. Engel, S.M., J. Wetmur, J. Chen, C. Zhu, D.B. Barr, R.L. Canfield, and M.S. Wolff. 2011. Prenatal exposure to organophosphates, Paraoxonase 1, and cognitive development in childhood. *Environmental Health Perspectives* 119 (8):1182-8.
128. Rauh, V., S. Arunajadai, M. Horton, F. Perera, L. Hoepner, D.B. Barr, and R. Whyatt. 2011. 7-year neurodevelopmental scores and prenatal exposure to Chlorpyrifos, a common agricultural pesticide. *Environmental Health Perspectives* 119 (8):1196-201.
129. U.S. Environmental Protection Agency. 2002. *Interim Reregistration Eligibility Decision for Chlorpyrifos*. Washington, DC: U.S. EPA, Office of Prevention, Pesticides, and Toxic Substances. EPA 738-R-01-007. http://www.epa.gov/oppsrrd1/REDs/chlorpyrifos_ired.pdf.
130. U.S. Environmental Protection Agency. 2008. *Azinphos-Methyl (AZM) Registration Review Status*. Washington, DC: U.S. EPA, Office of Pesticide Programs. EPA-HQ-OPP-2005-0061. http://www.epa.gov/oppsrrd1/registration_review/azm/azm-status.pdf.
131. U.S. Environmental Protection Agency. 2006. *Interim Reregistration Eligibility Decision for Methyl Parathion*. Washington, DC: U.S. EPA, Office of Pesticide Programs. EPA-HQ-OPP-2006-0618. http://www.epa.gov/oppsrrd1/REDs/methylparathion_ired.pdf.
132. U.S. Environmental Protection Agency. 2010. *Food Quality Protection Act (FQPA) of 1996*. U.S. EPA, Office of Pesticide Programs. Retrieved December 28, 2010 from <http://www.epa.gov/pesticides/regulating/laws/fqpa/>.
133. U.S. Department of Agriculture. 2010. *Pesticide Data Program*. U.S. Department of Agriculture, Agricultural Marketing Service. Retrieved December 28, 2010 from <http://www.ams.usda.gov/AMSV1.0/pdp>.
134. Lu, C., F.J. Schenck, M.A. Pearson, and J.W. Wong. 2010. Assessing children's dietary pesticide exposure - direct measurement of pesticide residues in 24-hour duplicate food samples. *Environmental Health Perspectives* 118 (11):1625-30.
135. U.S. Food and Drug Administration. 2010. *FDA Pesticide Program Residue Monitoring: 1993-2008*. U.S. FDA. Retrieved January 18, 2012 from <http://www.fda.gov/Food/FoodSafety/FoodContaminantsAdulteration/Pesticides/ResidueMonitoringReports/default.htm>.
136. U.S. Food and Drug Administration. 2012. *Total Diet Study*. USFDA. Retrieved July 20, 2012 from <http://www.fda.gov/Food/FoodSafety/FoodContaminantsAdulteration/TotalDietStudy/default.htm>.

Chemicals in Food (continued)

137. U.S. Department of Agriculture. 2011. *Pesticide Data Program Annual Summary, Calendar Year 2009*. Washington, DC: USDA Marketing and Regulatory Programs, Agricultural Marketing Service. <http://www.ams.usda.gov/AMSv1.0/getfile?dDocName=STELPRDC5091055>.

138. U.S. Environmental Protection Agency. 2002. Endocrine Disruptor Screening Program, proposed chemical selection approach for initial round of screening; request for comment. *Federal Register* 67 (250):79611-29.

Contaminated Lands

1. U.S. Environmental Protection Agency. 2012. *Protecting and Restoring Land. OSWER FY11 Accomplishment Report*. Washington, DC: U.S. EPA, Office of Solid Waste and Emergency Response. http://www.epa.gov/aboutepa/oswer_accomplishment_report_2011.pdf.

2. U.S. Environmental Protection Agency. 2006. *Interim Guidance for OSWER Cross-Program Revitalization Measures*. Washington, DC: EPA, Office of Solid Waste and Emergency Response. http://www.epa.gov/landrecycling/download/cprmguidance_10_20_06covermemo.pdf.

3. U.S. Environmental Protection Agency. 2009. *OSWER Cross-Program Revitalization Measures*. Washington, DC: EPA, Office of Solid Waste and Emergency Response. http://www.epa.gov/landrecycling/download/cprm_report_031709.pdf.

4. Agency for Toxic Substances and Disease Registry. 1995. *Public Health Assessments - RSR Corporation*. Atlanta, GA: Agency for Toxic Substances and Disease Registry. <http://www.atsdr.cdc.gov/hac/pha/pha.asp?docid=134&pg=0>.

5. Agency for Toxic Substances and Disease Registry. 2002. *Jasper County, Missouri Superfund Site Childhood 2000 Lead Exposure Study*. Atlanta, GA: Agency for Toxic Substances and Disease Registry. <http://health.mo.gov/living/environment/hazsubstancesites/pdf/FinalReportAndTOC.pdf>.

6. Agency for Toxic Substances and Disease Registry. 2007. *Public Health Assessment for: Bunker Hill Mining and Metallurgical Complex Operable Unit 3 (aka Coeur D'Alene River Basin) - Kootenai and Shoshone Counties, Idaho Westward to Spokane and Stevens Counties, Washington*. Atlanta, GA: Agency for Toxic Substances and Disease Registry. <http://www.atsdr.cdc.gov/HAC/pha/bunkerhillmining/bunkerhillpha032607.pdf>.

7. Agency for Toxic Substances and Disease Registry. *Tar Creek Superfund Site - Ottawa, County, OK*. Agency for Toxic Substances and Disease Registry. Retrieved July 29, 2011 from <http://www.atsdr.cdc.gov/sites/tarcreek/tarcreekreport-p1.html>.

8. Casteel, S.W., C.P. Weis, and W.J. Brattin. 1998. *Bioavailability of Lead in a Slag Sample from the Midvale Slag NPL Site, Midvale, Utah: Phase II Swine Bioavailability Investigations*. Washington, DC: U.S. Environmental Protection Agency. 908R98003. http://www.epa.gov/region8/r8risk/pdf/rba-pb_midvale.pdf.

9. Centers for Disease Control and Prevention. 1995. Mercury exposure among residents of a building formerly used for industrial purposes - New Jersey, 1995. *Morbidity and Mortality Weekly Report* 45 (20):422-424.

10. New Jersey Department of Health and Senior Services. 2011. *Dover Township Childhood Cancer Investigation*. New Jersey Department of Health and Senior Services. Retrieved July 30, 2011 from <http://www.state.nj.us/health/eoh/hhazweb/dovertwp.shtml>.

11. Brunner, E., and M.G. Marmot. 2006. Social organization, stress, and health. In *Social Determinants of Health, 2nd Edition*, edited by M. G. Marmot and R. G. Wilkinson. Oxford: Oxford University Press.

12. Centers for Disease Control and Prevention. 2005. *Social Determinants of Health*. CDC. Retrieved December 1, 2008 from <http://www.cdc.gov/socialdeterminants/>.

13. Evans, R.G., M.L. Barer, and T.R. Marmor. 1994. *Why Are Some People Healthy and Others Not? The Determinants of Health of Populations*. New York: Aldine de Gruyter.

14. Gee, G.C. 2002. A multilevel analysis of the relationship between institutional and individual racial discrimination and health status. *American Journal of Public Health* 92 (4):615-623.

15. Geronimus, A.T., J. Bound, and C.G. Colem. 2011. Excess black mortality in the United States and in selected Black and White high-poverty areas, 1980-2000. *American Journal of Public Health* 101 (4):720-729.

16. Geronimus, A.T., J. Bound, and T.A. Waidmann. 1999. Poverty, time, and place: Variation in excess mortality across selected US populations, 1980-1990. *Journal of Epidemiology and Community Health* 53 (6):325-334.

17. Graham, H. 2004. Social determinants and their unequal distribution: Clarifying policy understandings. *Milbank Quarterly* 82 (1):101-124.

18. Institute of Medicine. 1999. *Toward Environmental Justice: Research, Education, and Health Policy Needs*. Washington, DC: National Academy Press. http://www.nap.edu/catalog.php?record_id=6034.

19. Marmot, M.G., and R.G. Wilkinson, eds. 2006. *Social Determinants of Health, 2nd Edition*. Oxford, UK: Oxford University Press.

20. PBS. 2008. *Unnatural Causes...Is Inequality Making Us Sick?* San Francisco, CA: California Newreel with Vital Pictures, Inc. <http://www.unnaturalcauses.org>.

Contaminated Lands (continued)

21. Suk, W.A., K. Murray, and M.D. Avakian. 2003. Environmental hazards to children's health in the modern world. *Mutation Research* 544:235-242.
22. Wilkinson, R., and M. Marmot. 2003. *Social Determinants of Health: The Solid Facts: Second Edition*. Copenhagen: World Health Organization. http://www.euro.who.int/_data/assets/pdf_file/0005/98438/e81384.pdf.
23. Adler, N., J. Stewart, S. Cohen, M. Cullen, A.D. Roux, W. Dow, G. Evans, I. Kawachi, M. Marmot, K. Matthews, et al. 2007. *Reaching for a Healthier Life: Facts on Socioeconomic Status and Health in the U.S.* San Francisco, CA: The John D. and Catherine T. MacArthur Foundation Research Network on SES and Health. http://www.macses.ucsf.edu/downloads/Reaching_for_a_Healthier_Life.pdf.
24. Graham, H. 2007. *Unequal Lives: Health and Socioeconomic Inequalities*. New York: Open University Press.
25. Mackenbach, J.P., P. Martikainen, C.W. Looman, J.A. Dalstra, A.E. Kunst, and E. Lahelma. 2005. The shape of the relationship between income and self-assessed health: An international study. *International Journal of Epidemiology* 34 (2):286-93.
26. Stronks, K., H. van de Mheen, J. van den Bos, and J.P. Mackenbach. 1997. The interrelationship between income, health and employment status. *International Journal of Epidemiology* 26 (3):592-600.

Climate Change

1. U.S. Environmental Protection Agency. 2010. *Climate Change Science Facts*. Washington, DC: U.S. EPA, Office of Air and Radiation. EPA 430-F-10-002. http://www.epa.gov/climatechange/downloads/Climate_Change_Science_Facts.pdf.
2. U.S. Environmental Protection Agency. 2009. *Technical Support Document for Endangerment and Cause or Contribute Findings for Greenhouse Gases under Section 202 (a) of the Clean Air Act*. Washington, DC: U.S. EPA, Office of Atmospheric Programs, Climate Change Division. http://epa.gov/climatechange/Downloads/endangerment/Endangerment_TSD.pdf.
3. U.S. Global Change Research Program. 2008. *Analyses of the Effects of Global Change on Human Health and Welfare and Human Systems (SAP 4.6)*. Washington, DC: U.S. Environmental Protection Agency. <http://downloads.climate-science.gov/sap/sap4-6/sap4-6-final-report-all.pdf>.
4. Field, C.B., L.D. Mortsch, M. Brklacich, D.L. Forbes, P. Kovacs, J.A. Patz, S.W. Running, and M.J. Scott. 2007. North America. In *Climate Change 2007: Impacts, Adaptation and Vulnerability. Contribution of Working Group II to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change*. Edited by M. L. Parry, O. F. Canziani, J. P. Palutikof, P. J. van der Linden and C. E. Hanson. Cambridge, UK: Cambridge University Press, 617-652.
5. National Research Council. 2010. *Advancing the Science of Climate Change*. In *America's Climate Choices*. Washington, DC: The National Academies Press.
6. The Interagency Working Group on Climate Change and Health. 2010. *A Human Health Perspective on Climate Change*. Research Triangle Park, NC: Environmental Health Perspectives/National Institute of Environmental Health Sciences. http://www.niehs.nih.gov/health/assets/docs_a_e/climatereport2010.pdf.
7. U.S. Environmental Protection Agency. 2009. *Climate Change and Children's Health*. Washington, DC: U.S. EPA, Office of Children's Health Protection. EPA-100-K-09-008. [http://yosemite.epa.gov/oceph/ochpweb.nsf/content/OCHP_Climate_Brochure.htm/\\$File/OCHP_Climate_Brochure.pdf](http://yosemite.epa.gov/oceph/ochpweb.nsf/content/OCHP_Climate_Brochure.htm/$File/OCHP_Climate_Brochure.pdf).
8. U.S. Global Change Research Program. 2009. *Global Climate Change Impacts in the United States*. Edited by T. R. Karl, J. M. Melillo and T. C. Peterson. Cambridge, UK: Cambridge University Press. <http://downloads.globalchange.gov/usimpacts/pdfs/climate-impacts-report.pdf>.
9. Shea, K.M. 2007. Global climate change and children's health. *Pediatrics* 120 (5):1149-52.
10. Committee on Sports Medicine and Fitness. 2000. Climatic heat stress and the exercising child and adolescent: American Academy of Pediatrics policy statement. *Pediatrics* 106:158-9.
11. Knowlton, K., M. Rotkin-Ellman, G. King, H.G. Margolis, D. Smith, G. Solomon, R. Trent, and P. English. 2009. The 2006 California heat wave: Impacts on hospitalizations and emergency department visits. *Environmental Health Perspectives* 117 (1):61-7.
12. Basu, R., and B.D. Ostro. 2008. A multicounty analysis identifying the populations vulnerable to mortality associated with high ambient temperature in California. *American Journal of Epidemiology* 168 (6):632-637.
13. U.S. Environmental Protection Agency. 2006. *Excessive Heat Events Guidebook*. Washington, DC: U.S. EPA, Office of Atmospheric Programs. EPA 430-B-06-005. http://www.epa.gov/heatisld/about/pdf/EHEguide_final.pdf.
14. Sheffield, P.E., and P.J. Landrigan. 2011. Global climate change and children's health: threats and strategies for prevention. *Environmental Health Perspectives* 119 (3):291-8.
15. Confalonieri, U., B. Menne, R. Akhtar, K.L. Ebi, M. Hauengue, R.S. Kovats, B. Revich, and A. Woodward. 2007. Human Health. In *Climate Change 2007: Impacts, Adaptation and Vulnerability. Contribution of Working Group II to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change*, edited by M. L. Parry, O. F. Canziani, J. P. Palutikof, P. J. van der Linden and C. E. Hanson. Cambridge, UK: Cambridge University Press, 391-431.

Climate Change (continued)

16. Baccini, M., A. Biggeri, G. Accetta, T. Kosatsky, K. Katsouyanni, A. Analitis, H.R. Anderson, L. Bisanti, D. D'Ippoliti, J. Danova, et al. 2008. Heat effects on mortality in 15 European cities. *Epidemiology* 19 (5):711-9.
17. Curriero, F.C., K.S. Heiner, J.M. Samet, S.L. Zeger, L. Strug, and J.A. Patz. 2002. Temperature and mortality in 11 cities of the eastern United States. *American Journal of Epidemiology* 155 (1):80-87.
18. Ye, X., R. Wolff, W. Yu, P. Vaneckova, X. Pan, and S. Tong. 2011. Ambient temperature and morbidity: A review of epidemiological evidence. *Environmental Health Perspectives* 120 (1):19-28.
19. O'Neill, M.S., and K.L. Ebi. 2009. Temperature extremes and health: Impacts of climate variability and change in the United States. *Journal of Occupational and Environmental Medicine* 51 (1):13-25.
20. Agency for Toxic Substances and Disease Registry. 1998. *Toxicological Profile for Sulfur Dioxide*. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service. www.atsdr.cdc.gov/toxprofiles/tp116-c2.pdf.
21. Andersen, Z.J., P. Wahlin, O. Raaschou-Nielsen, T. Scheike, and S. Loft. 2007. Ambient particle source apportionment and daily hospital admissions among children and elderly in Copenhagen. *Journal of Exposure Science and Environmental Epidemiology* 17 (7):625-36.
22. Annesi-Maesano, I., D. Moreau, D. Caillaud, F. Lavaud, Y. Le Moulec, A. Taytard, G. Pauli, and D. Charpin. 2007. Residential proximity fine particles related to allergic sensitisation and asthma in primary school children. *Respiratory Medicine* 101 (8):1721-9.
23. Gauderman, W.J., G.F. Gilliland, H. Vora, E. Avol, D. Stram, R. McConnell, D. Thomas, F. Lurmann, H.G. Margolis, E.B. Rappaport, et al. 2002. Association between air pollution and lung function growth in southern California children: Results from a second cohort. *American Journal of Respiratory and Critical Care Medicine* 166 (1):76-84.
24. Gent, J.F., E.W. Triche, T.R. Holford, K. Belanger, M.B. Bracken, W.S. Beckett, and B.P. Leaderer. 2003. Association of low-level ozone and fine particles with respiratory symptoms in children with asthma. *Journal of the American Medical Association* 290 (14):1859-67.
25. Karr, C.J., P.A. Demers, M.W. Koehoorn, C.C. Lencar, L. Tamburic, and M. Brauer. 2009. Influence of ambient air pollutant sources on clinical encounters for infant bronchiolitis. *American Journal of Respiratory and Critical Care Medicine* 180 (10):995-1001.
26. McConnell, R., T. Islam, K. Shankardass, M. Jerrett, F. Lurmann, F. Gilliland, J. Gauderman, E. Avol, N. Kuenzli, L. Yao, et al. 2010. Childhood incident asthma and traffic-related air pollution at home and school. *Environmental Health Perspectives* 118:1021-26.
27. Mortimer, K., R. Neugebauer, F. Lurmann, S. Alcorn, J. Balmes, and I. Tager. 2008. Air pollution and pulmonary function in asthmatic children: Effects of prenatal and lifetime exposures. *Epidemiology* 19 (4):550-7.
28. Norris, G., S.N. YoungPong, J.Q. Koenig, T.V. Larson, L. Sheppard, and J.W. Stout. 1999. An association between fine particles and asthma emergency department visits for children in Seattle. *Environmental Health Perspectives* 107 (6):489-93.
29. Ostro, B., L. Roth, B. Malig, and M. Marty. 2009. The effects of fine particle components on respiratory hospital admissions in children. *Environmental Health Perspectives* 117 (3):475-80.
30. Romieu, I., F. Meneses, S. Ruiz, J.J. Sienna, J. Huerta, M.C. White, and R.A. Etzel. 1996. Effects of air pollution on the respiratory health of asthmatic children living in Mexico City. *American Journal of Respiratory and Critical Care Medicine* 154 (2 Pt 1):300-7.
31. Tang, C.S., L.T. Chang, H.C. Lee, and C.C. Chan. 2007. Effects of personal particulate matter on peak expiratory flow rate of asthmatic children. *The Science of the Total Environment* 382 (1):43-51.
32. U.S. Environmental Protection Agency. 2006. *Air Quality Criteria for Ozone and Related Photochemical Oxidants*. Research Triangle Park, NC: U.S. EPA, National Center for Environmental Assessment. EPA/600/R-05/004aF. <http://cfpub.epa.gov/ncea/cfm/recordisplay.cfm?deid=149923>.
33. U.S. Environmental Protection Agency. 2008. *Integrated Science Assessment for Oxides of Nitrogen--Health Criteria*. Research Triangle Park, NC: U.S. EPA. <http://cfpub.epa.gov/ncea/cfm/recordisplay.cfm?deid=194645>.
34. U.S. Environmental Protection Agency. 2009. *Integrated Science Assessment for Particulate Matter (Final Report)*. Washington, DC: U.S. EPA, National Center for Environmental Assessment. EPA/600/R-08/139F. <http://cfpub.epa.gov/ncea/CFM/recordisplay.cfm?deid=216546>.
35. Villeneuve, P.J., L. Chen, B.H. Rowe, and F. Coates. 2007. Outdoor air pollution and emergency department visits for asthma among children and adults: A case-crossover study in northern Alberta, Canada. *Environmental Health* 6:40.
36. Intergovernmental Panel on Climate Change. 2012. *Managing the Risks of Extreme Events and Disasters to Advance Climate Change Adaptation. A Special Report of Working Groups I and II of the Intergovernmental Panel on Climate Change*. Cambridge, UK: Cambridge University Press. http://www.ipcc-wg2.gov/SREX/images/uploads/SREX-All_FINAL.pdf.
37. Drayna, P., S.L. McLellan, P. Simpson, S.H. Li, and M.H. Gorelick. 2010. Association between rainfall and pediatric emergency department visits for acute gastrointestinal illness. *Environmental Health Perspectives* 118 (10):1439-43.
38. Ziska, L., K. Knowlton, C. Rogers, D. Dalan, N. Tierney, M.A. Elder, W. Filley, J. Shropshire, L.B. Ford, C. Hedberg, et al. 2011. Recent warming by latitude associated with increased length of ragweed pollen season in central North America. *Proceedings of the National Academy of Sciences* 108 (10):4248-51.

Climate Change (continued)

39. Héguy, L., M. Garneau, M.S. Goldberg, M. Raphoz, F. Guay, and M.F. Valois. 2008. Associations between grass and weed pollen and emergency department visits for asthma among children in Montreal. *Environmental Research* 106 (2):203-11.
40. Schmier, J.K., and K.L. Ebi. 2009. The impact of climate change and aeroallergens on children's health. *Allergy and Asthma Proceedings* 30 (3):229-37.
41. Ziska, L.H., P.R. Epstein, and C.A. Rogers. 2008. Climate change, aerobiology, and public health in the northeast United States. *Mitigation and Adaptation Strategies for Global Change* 13:607-613.
42. U.S. Environmental Protection Agency. 2009. *Climate Change: Water Resources*. U.S. EPA, Climate Change Division. Retrieved February 11, 2011 from <http://www.epa.gov/climatechange/effects/water/index.html>.
43. Bogdal, C., P. Schmid, M. Zennegg, F.S. Anselmetti, M. Scheringer, and K. Hungerbühler. 2009. Blast from the past: Melting glaciers as a relevant source for persistent organic pollutants. *Environmental Science and Technology* 43 (21):8173-7.
44. Carrie, J., F. Wang, H. Sanei, R.W. Macdonald, P.M. Outridge, and G.A. Stern. 2010. Increasing contaminant burdens in an Arctic fish, Burbot (*Lota lota*), in a warming climate. *Environmental Science and Technology* 44 (1):316-322.
45. Institute of Medicine. 2011. *Climate Change, the Indoor Environment, and Health*. Washington, DC: The National Academies Press. http://www.nap.edu/catalog.php?record_id=13115.

Biomonitoring

Introduction

- Centers for Disease Control and Prevention. 2009. *Fourth National Report on Human Exposure to Environmental Chemicals*. Atlanta, GA: CDC. <http://www.cdc.gov/exposurereport/>.
- Centers for Disease Control and Prevention. 2011. *National Health and Nutrition Examination Survey*. CDC. Retrieved January 18, 2012 from <http://www.cdc.gov/nchs/nhanes.htm>.
- Miller, M.D., K.M. Crofton, D.C. Rice, and R.T. Zoeller. 2009. Thyroid-disrupting chemicals: Interpreting upstream biomarkers of adverse outcomes. *Environmental Health Perspectives* 117 (7):1033-1041.
- Sexton, K., A.D. Ryan, J.L. Adgate, D.B. Barr, and L.L. Needham. 2011. Biomarker measurements of concurrent exposure to multiple environmental chemicals and chemical classes in children. *Journal of Toxicology and Environmental Health, Part A* 74 (14):927-42.
- Woodruff, T.J., A.R. Zota, and J.M. Schwartz. 2011. Environmental chemicals in pregnant women in the United States: NHANES 2003-2004. *Environmental Health Perspectives* 119 (6):878-85.
- National Research Council. 2008. *Phthalates and Cumulative Risk Assessment: The Tasks Ahead*. Washington, DC: The National Academies Press. <http://www.nap.edu/catalog/12528.html>.
- U.S. Census Bureau. *Poverty Thresholds by Size of Family and Number of Related Children Under 18 Years: 2010*. U.S. Census Bureau. Retrieved August 20, 2011 from http://www.census.gov/hhes/www/cpstables/032011/pov/new35_000.htm.
- Axelrad, D.A., and J. Cohen. 2011. Calculating summary statistics for population chemical biomonitoring in women of childbearing age with adjustment for age-specific natality. *Environmental Research* 111 (1):149-155.

Lead

- Centers for Disease Control and Prevention. 2005. *Preventing Lead Poisoning in Young Children*. Atlanta, GA.
- Lanphear, B.P., R. Hornung, M. Ho, C.R. Howard, S. Eberly, and K. Knaf. 2002. Environmental lead exposure during early childhood. *The Journal of Pediatrics* 140 (1):40-7.
- Lanphear, B.P., and K.J. Roghmann. 1997. Pathways of lead exposure in urban children. *Environmental Research* 74 (1):67-73.
- Rabinowitz, M., A. Leviton, H. Needleman, D. Bellinger, and C. Waternaux. 1985. Environmental correlates of infant blood lead levels in Boston. *Environmental Research* 38 (1):96-107.
- Levin, R., M.J. Brown, M.E. Kashtock, D.E. Jacobs, E.A. Whelan, J. Rodman, M.R. Schock, A. Padilla, and T. Sinks. 2008. Lead exposures in U.S. Children, 2008: implications for prevention. *Environmental Health Perspectives* 116 (10):1285-93.
- Gaitens, J.M., S.L. Dixon, D.E. Jacobs, J. Nagaraja, W. Strauss, J.W. Wilson, and P. Ashley. 2008. U.S. Children's Exposure to Residential dust lead, 1999-2004: I. Housing and Demographic Factors. *Environmental Health Perspectives* 117 (3):461-7.
- Jacobs, D.E., R.P. Clickner, J.Y. Zhou, S.M. Viet, D.A. Marker, J.W. Rogers, D.C. Zeldin, P. Broene, and W. Friedman. 2002. The prevalence of lead-based paint hazards in U.S. housing. *Environmental Health Perspectives* 110 (10):A599-606.
- Centers for Disease Control and Prevention. 2009. Children with elevated blood lead levels related to home renovation, repair, and painting activities - New York State, 2006-2007. *Morbidity and Mortality Weekly Report* 58 (3):55-58.
- Centers for Disease Control and Prevention. 1997. Children with elevated blood lead levels attributed to home renovation and remodeling activities - New York, 1993-1994. *Morbidity and Mortality Weekly Report* 45 (51-52):1120-1123.
- Adgate, J.L., G.G. Rhoads, and P.J. Lioy. 1998. The use of isotope ratios to apportion sources of lead in Jersey City, NJ, house dust wipe samples. *Science of the Total Environment* 221 (2-3):171-80.
- Clark, S., W. Menrath, M. Chen, P. Succop, R. Bornschein, W. Galke, and J. Wilson. 2004. The influence of exterior dust and soil lead on interior dust lead levels in housing that had undergone lead-based paint hazard control. *The Journal of Occupational and Environmental Hygiene* 1 (5):273-82.
- von Lindern, I., S. Spalinger, V. Petroysan, and M. von Braun. 2003. Assessing remedial effectiveness through the blood lead:soil/dust lead relationship at the Bunker Hill superfund site in the Silver Valley of Idaho. *Science of the Total Environment* 303 ((1-2)):139-70.
- Lanphear, B.P., T.D. Matte, J. Rogers, R.P. Clickner, B. Dietz, R.L. Bornschein, P. Succop, K.R. Mahaffey, S. Dixon, W. Galke, et al. 1998. The contribution of lead-contaminated house dust and residential soil to children's blood lead levels. A pooled analysis of 12 epidemiologic studies. *Environmental Research* 79 (1):51-68.
- Mielke, H.W., and P.L. Reagan. 1998. Soil is an important pathway of human lead exposure. *Environmental Health Perspectives* 106 Suppl 1:217-29.
- U.S. Environmental Protection Agency. 2006. *Air Quality Criteria for Lead. Volume I of II*. Washington, DC: United States Environmental Protection Agency. EPA/600/R-5/144aF.

Lead (continued)

16. McElvaine, M.D., E.G. DeUngria, T.D. Matte, C.G. Copley, and S. Binder. 1992. Prevalence of radiographic evidence of paint chip ingestion among children with moderate to severe lead poisoning, St Louis, Missouri, 1989 through 1990. *Pediatrics* 89 (4 Pt 2):740-2.
17. Edwards, M., S. Triantafyllidou, and D. Best. 2009. Elevated blood lead in young children due to lead-contaminated drinking water: Washington, DC, 2001-2004. *Environmental Science and Technology* 43 (5):1618-1623.
18. Miranda, M.L., D. Kim, A.P. Hull, C.J. Paul, and M.A. Galeano. 2007. Changes in blood lead levels associated with use of chloramines in water treatment systems. *Environmental Health Perspectives* 115 (2):221-5.
19. VanArsdale, J.L., R.D. Leiker, M. Kohn, T.A. Merritt, and B.Z. Horowitz. 2004. Lead poisoning from a toy necklace. *Pediatrics* 114 (4):1096-9.
20. Weidenhamer, J.D., and M.L. Clement. 2007. Widespread lead contamination of imported low-cost jewelry in the US. *Chemosphere* 67 (5):961-5.
21. Mannino, D.M., R. Albalak, S. Grosse, and J. Repace. 2003. Second-hand smoke exposure and blood lead levels in U.S. children. *Epidemiology* 14 (6):719-27.
22. Gorospe, E.C., and S.L. Gerstenberger. 2008. Atypical sources of childhood lead poisoning in the United States: a systematic review from 1966-2006. *Clinical Toxicology (Philadelphia)* 46 (8):728-37.
23. Saper, R.B., S.N. Kales, J. Paquin, M.J. Burns, D.M. Eisenberg, R.B. Davis, and R.S. Phillips. 2004. Heavy metal content of ayurvedic herbal medicine products. *The Journal of the American Medical Association* 292 (23):2868-73.
24. Woolf, A.D., J. Hussain, L. McCullough, M. Petranovic, and C. Chomchai. 2008. Infantile lead poisoning from an Asian tongue powder: a case report & subsequent public health inquiry. *Clinical Toxicology (Philadelphia, PA)* 46 (9):841-4.
25. Agency for Toxic Substances and Disease Registry. 2007. *Toxicological Profile for Lead*. Atlanta, GA: ATSDR, Division of Toxicology and Environmental Medicine/Applied Toxicology Branch. <http://www.atsdr.cdc.gov/ToxProfiles/tp13.pdf>.
26. Pirkle, J.L., R.B. Kaufmann, D.J. Brody, T. Hickman, E.W. Gunter, and D.C. Paschal. 1998. Exposure of the U.S. population to lead, 1991-1994. *Environmental Health Perspectives* 106 (11):745-50.
27. Dixon, S.L., J.M. Gaitens, D.E. Jacobs, W. Strauss, J. Nagaraja, T. Pivetz, J.W. Wilson, and P. Ashley. 2009. U.S. Children's exposure to residential dust lead, 1999-2004: II. The contribution of lead-contaminated dust to children's blood lead levels. *Environmental Health Perspectives* 117 (3):468-74.
28. Kim, D.Y., F. Staley, G. Curtis, and S. Buchanan. 2002. Relation between housing age, housing value, and childhood blood lead levels in children in Jefferson County, Ky. *American Journal of Public Health* 92 (5):769-72.
29. Tehranifar, P., J. Leighton, A.H. Auchincloss, A. Faciano, H. Alper, A. Paykin, and S. Wu. 2008. Immigration and risk of childhood lead poisoning: findings from a case control study of New York City children. *American Journal of Public Health* 98 (1):92-7.
30. U.S. Environmental Protection Agency. 2000. *National Air Quality and Emissions Trends Report, 1998*. Research Triangle Park, NC: EPA Office of Air Quality Planning and Standards. <http://epa.gov/airtrends/aqtrnd98/>.
31. National Toxicology Program. 2012. *NTP Monograph on Health Effects of Low-Level Lead*. Research Triangle Park, NC: National Institute of Environmental Health Sciences, National Toxicology Program. <http://ntp.niehs.nih.gov/go/36443>.
32. Bellinger, D., J. Sloman, A. Leviton, M. Rabinowitz, H.L. Needleman, and C. Waternaux. 1991. Low-level lead exposure and children's cognitive function in the preschool years. *Pediatrics* 87 (2):219-27.
33. Canfield, R.L., C.R. Henderson, Jr., D.A. Cory-Slechta, C. Cox, T.A. Jusko, and B.P. Lanphear. 2003. Intellectual impairment in children with blood lead concentrations below 10 microg per deciliter. *New England Journal of Medicine* 348 (16):1517-26.
34. Jusko, T.A., C.R. Henderson, B.P. Lanphear, D.A. Cory-Slechta, P.J. Parsons, and R.L. Canfield. 2008. Blood lead concentrations < 10 microg/dL and child intelligence at 6 years of age. *Environmental Health Perspectives* 116 (2):243-8.
35. Lanphear, B.P., K. Dietrich, P. Auinger, and C. Cox. 2000. Cognitive deficits associated with blood lead concentrations <10 microg/dL in US children and adolescents. *Public Health Reports* 115 (6):521-9.
36. Lanphear, B.P., R. Hornung, J. Khoury, K. Yolton, P. Baghurst, D.C. Bellinger, R.L. Canfield, K.N. Dietrich, R. Bornschein, T. Greene, et al. 2005. Low-level environmental lead exposure and children's intellectual function: an international pooled analysis. *Environmental Health Perspectives* 113 (7):894-9.
37. Schnaas, L., S.J. Rothenberg, M.F. Flores, S. Martinez, C. Hernandez, E. Osorio, S.R. Velasco, and E. Perroni. 2006. Reduced intellectual development in children with prenatal lead exposure. *Environmental Health Perspectives* 114 (5):791-7.
38. Surkan, P.J., A. Zhang, F. Trachtenberg, D.B. Daniel, S. McKinlay, and D.C. Bellinger. 2007. Neuropsychological function in children with blood lead levels <10 microg/dL. *Neurotoxicology* 28 (6):1170-7.

Lead (continued)

39. Calderon, J., M.E. Navarro, M.E. Jimenez-Capdeville, M.A. Santos-Diaz, A. Golden, I. Rodriguez-Leyva, V. Borja-Aburto, and F. Diaz-Barriga. 2001. Exposure to arsenic and lead and neuropsychological development in Mexican children. *Environmental Research* 85 (2):69-76.
40. Chiodo, L.M., C. Covington, R.J. Sokol, J.H. Hannigan, J. Jannise, J. Ager, M. Greenwald, and V. Delaney-Black. 2007. Blood lead levels and specific attention effects in young children. *Neurotoxicology and Teratology* 29:538-546.
41. Chiodo, L.M., S.W. Jacobson, and J.L. Jacobson. 2004. Neurodevelopmental effects of postnatal lead exposure at very low levels. *Neurotoxicology and Teratology* 26 (3):359-71.
42. Nicolescu, R., C. Petcu, A. Cordeanu, K. Fabritius, M. Schlumpf, R. Krebs, U. Kramer, and G. Winneke. 2010. Environmental exposure to lead, but not other neurotoxic metals, relates to core elements of ADHD in Romanian children: performance and questionnaire data. *Environmental Research* 110 (5):476-83.
43. Ris, M.D., K.N. Dietrich, P.A. Succop, O.G. Berger, and R.L. Bornschein. 2004. Early exposure to lead and neuropsychological outcome in adolescence. *Journal of the International Neuropsychological Society* 10 (2):261-70.
44. Nigg, J.T., G.M. Knottnerus, M.M. Martel, M. Nikolas, K. Cavanagh, W. Karmaus, and M.D. Rappley. 2008. Low blood lead levels associated with clinically diagnosed attention-deficit/hyperactivity disorder and mediated by weak cognitive control. *Biological Psychiatry* 63 (3):325-31.
45. Braun, J.M., R.S. Kahn, T. Froehlich, P. Auinger, and B.P. Lanphear. 2006. Exposures to environmental toxicants and attention deficit hyperactivity disorder in U.S. children. *Environmental Health Perspectives* 114 (12):1904-9.
46. Eubig, P.A., A. Aguiar, and S.L. Schantz. 2010. Lead and PCBs as risk factors for attention deficit/hyperactivity disorder. *Environmental Health Perspectives* 118 (12):1654-1667.
47. Froehlich, T.E., B.P. Lanphear, P. Auinger, R. Hornung, J.N. Epstein, J. Braun, and R.S. Kahn. 2009. Association of tobacco and lead exposures with attention-deficit/hyperactivity disorder. *Pediatrics* 124 (6):e1054-63.
48. Ha, M., H.J. Kwon, M.H. Lim, Y.K. Jee, Y.C. Hong, J.H. Leem, J. Sakong, J.M. Bae, S.J. Hong, Y.M. Roh, et al. 2009. Low blood levels of lead and mercury and symptoms of attention deficit hyperactivity in children: a report of the children's health and environment research (CHEER). *Neurotoxicology* 30 (1):31-6.
49. Nigg, J.T., M. Nikolas, G. Mark Knottnerus, K. Cavanagh, and K. Friderici. 2010. Confirmation and extension of association of blood lead with attention-deficit/hyperactivity disorder (ADHD) and ADHD symptom domains at population-typical exposure levels. *The Journal of Child Psychology and Psychiatry* 51 (1):58-65.
50. Roy, A., D. Bellinger, H. Hu, J. Schwartz, A.S. Ettinger, R.O. Wright, M. Bouchard, K. Palaniappan, and K. Balakrishnan. 2009. Lead exposure and behavior among young children in Chennai, India. *Environmental Health Perspectives* 117 (10):1607-11.
51. Tuthill, R.W. 1996. Hair lead levels related to children's classroom attention-deficit behavior. *Archives of Environmental Health* 51 (3):214-20.
52. Wang, H., X. Chen, B. Yang, M. Hao, and D. Ruan. 2008. Case-Control study of blood lead levels and Attention-Deficit Hyperactivity Disorder in Chinese children. *Environmental Health Perspectives* 116 (10):1401-06.
53. Braun, J.M., T.E. Froehlich, J.L. Daniels, K.N. Dietrich, R. Hornung, P. Auinger, and B.P. Lanphear. 2008. Association of environmental toxicants and conduct disorder in U.S. children: NHANES 2001-2004. *Environmental Health Perspectives* 116 (7):956-62.
54. Marcus, D.K., J.J. Fulton, and E.J. Clarke. 2010. Lead and conduct problems: a meta-analysis. *Journal of Clinical Child and Adolescent Psychology* 39 (2):234-41.
55. Dietrich, K.N., M.D. Ris, P.A. Succop, O.G. Berger, and R.L. Bornschein. 2001. Early exposure to lead and juvenile delinquency. *Neurotoxicology and Teratology* 23 (6):511-8.
56. Needleman, H.L., C. McFarland, R.B. Ness, S.E. Fienberg, and M.J. Tobin. 2002. Bone lead levels in adjudicated delinquents. A case control study. *Neurotoxicology and Teratology* 24 (6):711-7.
57. Needleman, H.L., J.A. Riess, M.J. Tobin, G.E. Biesecker, and J.B. Greenhouse. 1996. Bone lead levels and delinquent behavior. *The Journal of the American Medical Association* 275 (5):363-9.
58. Nevin, R. 2007. Understanding international crime trends: the legacy of preschool lead exposure. *Environmental Research* 104 (3):315-36.
59. Wright, J.P., K.N. Dietrich, M.D. Ris, R.W. Hornung, S.D. Wessel, B.P. Lanphear, M. Ho, and M.N. Rae. 2008. Association of prenatal and childhood blood lead concentrations with criminal arrests in early adulthood. *PLoS Medicine* 5 (5):e101.
60. Bellinger, D.C. 2008. Lead neurotoxicity and socioeconomic status: conceptual and analytical issues. *Neurotoxicology* 29 (5):828-32.
61. Weiss, B., and D.C. Bellinger. 2006. Social ecology of children's vulnerability to environmental pollutants. *Environmental Health Perspectives* 114 (10):1479-1485.

Lead (continued)

62. Chuang, H.Y., J. Schwartz, T. Gonzales-Cossio, M.C. Lugo, E. Palazuelos, A. Aro, H. Hu, and M. Hernandez-Avila. 2001. Interrelations of lead levels in bone, venous blood, and umbilical cord blood with exogenous lead exposure through maternal plasma lead in peripartum women. *Environmental Health Perspectives* 109 (5):527-32.
63. Ettinger, A.S., M.M. Tellez-Rojo, C. Amarasiriwardena, T. Gonzalez-Cossio, K.E. Peterson, A. Aro, H. Hu, and M. Hernandez-Avila. 2004. Levels of lead in breast milk and their relation to maternal blood and bone lead levels at one month postpartum. *Environmental Health Perspectives* 112 (8):926-31.
64. Advisory Committee on Childhood Lead Poisoning Prevention. 2010. *Guidelines for the Identification and Management of Lead Exposure in Pregnant and Lactating Women*. Atlanta, GA: Centers for Disease Control and Prevention. <http://www.cdc.gov/nceh/lead/publications/leadandpregnancy2010.pdf>.
65. Chen, A., K.N. Dietrich, J.H. Ware, J. Radcliffe, and W.J. Rogan. 2005. IQ and blood lead from 2 to 7 years of age: are the effects in older children the residual of high blood lead concentration in 2-year-olds? *Environmental Health Perspectives* 113:597-601.
66. Hornung, R.W., B.P. Lanphear, and K.N. Dietrich. 2009. Age of greatest susceptibility to childhood lead exposure: A new statistical approach. *Environmental Health Perspectives* 117 (8):1309-12.
67. Brubaker, C.J., K.N. Dietrich, B.P. Lanphear, and K.M. Cecil. 2010. The influence of age of lead exposure on adult gray matter volume. *Neurotoxicology* 31 (3):259-66.
68. Cecil, K.M., C.J. Brubaker, C.M. Adler, K.N. Dietrich, M. Altabe, J.C. Egelhoff, S. Wessel, I. Elangovan, R. Hornung, K. Jarvis, et al. 2008. Decreased brain volume in adults with childhood lead exposure. *PLoS Medicine* 5 (5):e112.
69. Mazumdar, M., D.C. Bellinger, M. Gregas, K. Abanilla, J. Bacic, and H.L. Needleman. 2011. Low-level environmental lead exposure in childhood and adult intellectual function: a follow-up study. *Environmental Health* 10 (1):24.
70. Gulson, B.L., K.J. Mizon, M.J. Korsch, J.M. Palmer, and J.B. Donnelly. 2003. Mobilization of lead from human bone tissue during pregnancy and lactation—a summary of long-term research. *Science of the Total Environment* 303 (1-2):79-104.
71. Stein, J., T. Schettler, B. Rohrer, and M. Valenti. 2008. *Environmental Threats to Health Aging: With a Closer Look at Alzheimer's and Parkinson's Diseases*. Boston, MA: Greater Boston Physicians for Social Responsibility and Science and Environmental Health Network. http://www.agehealthy.org/pdf/GBPSRSEHN_HealthyAging1017.pdf.
72. Centers for Disease Control and Prevention. 2002. *Managing Elevated Blood Lead Levels Among Young Children: Recommendations from the Advisory Committee on Childhood Lead Poisoning Prevention*. Atlanta, GA.
73. Tellez-Rojo, M.M., D.C. Bellinger, C. Arroyo-Quiroz, H. Lamadrid-Figueroa, A. Mercado-Garcia, L. Schnaas-Arrieta, R.O. Wright, M. Hernandez-Avila, and H. Hu. 2006. Longitudinal associations between blood lead concentrations lower than 10 microg/dL and neurobehavioral development in environmentally exposed children in Mexico City. *Pediatrics* 118 (2):e323-30.
74. Centers for Disease Control and Prevention. 1997. *Screening Young Children for Lead Poisoning: Guidance for State and Local Public Health Officials*. Atlanta, GA.
75. Advisory Committee on Childhood Lead Poisoning Prevention. 2012. *Low Level Lead Exposure Harms Children: A Renewed Call for Primary Prevention*. Atlanta, GA: Centers for Disease Control and Prevention. http://www.cdc.gov/nceh/lead/ACCLPP/Final_Document_030712.pdf.
76. Centers for Disease Control and Prevention. 2012. *CDC Response to Advisory Committee on Childhood Lead Poisoning Prevention Recommendations in Low Level Lead Exposure Harms Children: A Renewed Call for Primary Prevention*. Atlanta, GA: Centers for Disease Control and Prevention. http://www.cdc.gov/nceh/lead/acclpp/cdc_response_lead_exposure_recs.pdf.
77. Centers for Disease Control and Prevention. 2009. *Fourth National Report on Human Exposure to Environmental Chemicals*. Atlanta, GA: CDC. <http://www.cdc.gov/exposurereport/>.

Mercury

1. U.S. Environmental Protection Agency. 2007. *Organic Mercury: TEACH Chemical Summary*. Retrieved January 26, 2010 from http://www.epa.gov/teach/chem_summ/mercury_org_summary.pdf.
2. U.S. Environmental Protection Agency. 2006. *National Vehicle Mercury Switch Recovery Program*. U.S. EPA. Retrieved October 5, 2011 from <http://www.epa.gov/hg/switchfs.htm>.
3. U.S. Environmental Protection Agency. 2011. Proposed Rule: National Emission Standards for Hazardous Air Pollutants from Coal- and Oil-Fired Electric Utility Steam Generating Units and Standards of Performance for Fossil-Fuel-Fired Electric Utility, Industrial-Commercial-Institutional, and Small Industrial-Commercial-Institutional Steam Generating Units. *Federal Register* 76 (85):4976-25147. <http://federalregister.gov/a/2011-7237>.
4. U.S. Environmental Protection Agency. 1997. *Mercury Study Report to Congress Volumes I to VII*. Washington DC: U.S. Environmental Protection Agency Office of Air Quality Planning and Standards and Office of Research and Development. EPA-452/R-97-003. <http://www.epa.gov/hg/report.htm>.

Mercury (continued)

5. Fitzgerald, W.F., D.R. Engstrom, R.P. Mason, and E.A. Nater. 1998. The case for atmospheric mercury contamination in remote areas. *Environmental Science and Technology* 32 (1):1-7.
6. Carrie, J., F. Wang, H. Sanei, R.W. Macdonald, P.M. Outridge, and G.A. Stern. 2010. Increasing contaminant burdens in an arctic fish, Burbot (*Lota lota*), in a warming climate. *Environmental Science and Technology* 44 (1):316-22.
7. Lindberg, S.E., S. Brooks, C.J. Lin, K.J. Scott, M.S. Landis, R.K. Stevens, M. Goodsite, and A. Richter. 2002. Dynamic oxidation of gaseous mercury in the Arctic troposphere at polar sunrise. *Environmental Science and Technology* 36 (6):1245-56.
8. Lindberg, S.E., S. Brooks, C.-J. Lin, K. Scott, T. Meyers, L. Chambers, M. Landis, and R. Stevens. 2001. Formation of reactive gaseous mercury in the Arctic: evidence of oxidation of Hg⁰ to gas-phase HG-II compounds after Arctic sunrise. *Water, Air, and Soil Pollution; Focus* 1 (5-6):295-302.
9. Lee, R., D. Middleton, K. Caldwell, S. Dearwent, S. Jones, B. Lewis, C. Monteilh, M.E. Mortensen, R. Nickle, K. Orloff, et al. 2009. A review of events that expose children to elemental mercury in the United States. *Environmental Health Perspectives* 117 (6):871-878.
10. U.S. Environmental Protection Agency. 2002. *Task Force on Ritualistic Uses of Mercury Report*. Washington, DC: U.S. EPA, Office of Emergency and Remedial Response. EPA/540-R-01-005. <http://www.epa.gov/superfund/community/pdfs/mercury.pdf>.
11. Agency for Toxic Substances and Disease Registry. 2009. *Children's Exposure to Elemental Mercury: A National Review of Exposure Events*. Atlanta, GA: Agency for Toxic Substances and Disease Registry.
12. Agency for Toxic Substances and Disease Registry. 2006. *Health Consultation: Mercury-Containing Polyurethane Floors in Minnesota Schools*. Atlanta, GA: U.S. Department of Health and Human Services. <http://www.atsdr.cdc.gov/HAC/pha/MercuryVaporReleaseAthleticPolymerFloors/MercuryVaporRelease-FloorsHC092806.pdf>.
13. Bellinger, D.C., F. Trachtenberg, L. Barregard, M. Tavares, E. Cernichiari, D. Daniel, and S. McKinlay. 2006. Neuropsychological and renal effects of dental amalgam in children: a randomized clinical trial. *JAMA* 295 (15):1775-83.
14. DeRouen, T.A., M.D. Martin, B.G. Leroux, B.D. Townes, J.S. Woods, J. Leitao, A. Castro-Caldas, H. Luis, M. Bernardo, G. Rosenbaum, et al. 2006. Neurobehavioral effects of dental amalgam in children: a randomized clinical trial. *JAMA* 295 (15):1784-92.
15. National Research Council. 2000. *Toxicological Effects of Methylmercury*. Washington, DC: National Academy Press.
16. Institute of Medicine. 2004. *Immunization Safety Review: Vaccines and Autism*. Washington, DC: National Academies Press. http://www.nap.edu/catalog.php?record_id=10997.
17. Price, C.S., W.W. Thompson, B. Goodson, E.S. Weintraub, L.A. Croen, V.L. Hinrichsen, M. Marcy, A. Robertson, E. Eriksen, E. Lewis, et al. 2010. Prenatal and infant exposure to thimerosal from vaccines and immunoglobulins and risk of autism. *Pediatrics* 126 (4):656-64.
18. Thompson, W.W., C. Price, B. Goodson, D.K. Shay, P. Benson, V.L. Hinrichsen, E. Lewis, E. Eriksen, P. Ray, S.M. Marcy, et al. 2007. Early thimerosal exposure and neuropsychological outcomes at 7 to 10 years. *New England Journal of Medicine* 357 (13):1281-92.
19. Centers for Disease Control and Prevention. *Mercury and Thimerosal: Vaccine Safety*. CDC. Retrieved October 12, 2010 from <http://www.cdc.gov/vaccinesafety/Concerns/thimerosal/index.html>.
20. Canadian Council of Ministers of the Environment. 2000. *Methylmercury: Canadian Tissue Residue Guidelines for the Protection of Wildlife Consumers of Aquatic Biota*. Ottawa, Ontario: Environment Canada.
21. Harada, M. 1995. Minamata disease: methylmercury poisoning in Japan caused by environmental pollution. *Critical Reviews in Toxicology* 25 (1):1-24.
22. Amin-Zaki, L., S. Elhassani, M.A. Majeed, T.W. Clarkson, R.A. Doherty, and M. Greenwood. 1974. Intra-uterine methylmercury poisoning in Iraq. *Pediatrics* 54 (5):587-95.
23. Budtz-Jorgensen, E., P. Grandjean, and P. Weihe. 2007. Separation of risks and benefits of seafood intake. *Environmental Health Perspectives* 115 (3):323-7.
24. Crump, K.S., T. Kjellstrom, A.M. Shipp, A. Silvers, and A. Stewart. 1998. Influence of prenatal mercury exposure upon scholastic and psychological test performance: benchmark analysis of a New Zealand cohort. *Risk Analysis* 18 (6):701-13.
25. Debes, F., E. Budtz-Jorgensen, P. Weihe, R.F. White, and P. Grandjean. 2006. Impact of prenatal methylmercury exposure on neurobehavioral function at age 14 years. *Neurotoxicology and Teratology* 28 (3):363-75.
26. Grandjean, P., P. Weihe, R.F. White, F. Debes, S. Araki, K. Yokoyama, K. Murata, N. Sorensen, R. Dahl, and P.J. Jorgensen. 1997. Cognitive deficit in 7-year-old children with prenatal exposure to methylmercury. *Neurotoxicology and Teratology* 19 (6):417-28.
27. Kjellstrom, T., P. Kennedy, S. Wallis, and C. Mantell. 1986. *Physical and mental development of children with prenatal exposure to mercury from fish. Stage 1: Preliminary tests at age 4*. Sweden: Swedish National Environmental Protection Board.
28. Oken, E., and D.C. Bellinger. 2008. Fish consumption, methylmercury and child neurodevelopment. *Current Opinion in Pediatrics* 20 (2):178-83.

Mercury (continued)

29. Myers, G.J., P.W. Davidson, C. Cox, C.F. Shamlaye, D. Palumbo, E. Cernichiari, J. Sloane-Reeves, G.E. Wilding, J. Kost, L.S. Huang, et al. 2003. Prenatal methylmercury exposure from ocean fish consumption in the Seychelles child development study. *Lancet* 361 (9370):1686-92.
30. Davidson, P.W., J.J. Strain, G.J. Myers, S.W. Thurston, M.P. Bonham, C.F. Shamlaye, A. Stokes-Riner, J.M. Wallace, P.J. Robson, E.M. Duffy, et al. 2008. Neurodevelopmental effects of maternal nutritional status and exposure to methylmercury from eating fish during pregnancy. *Neurotoxicology* 29 (5):767-75.
31. Lynch, M.L., L.S. Huang, C. Cox, J.J. Strain, G.J. Myers, M.P. Bonham, C.F. Shamlaye, A. Stokes-Riner, J.M. Wallace, E.M. Duffy, et al. 2011. Varying coefficient function models to explore interactions between maternal nutritional status and prenatal methylmercury toxicity in the Seychelles Child Development Nutrition Study. *Environmental Research* 111 (1):75-80.
32. Strain, J.J., P.W. Davidson, M.P. Bonham, E.M. Duffy, A. Stokes-Riner, S.W. Thurston, J.M. Wallace, P.J. Robson, C.F. Shamlaye, L.A. Georger, et al. 2008. Associations of maternal long-chain polyunsaturated fatty acids, methyl mercury, and infant development in the Seychelles Child Development Nutrition Study. *Neurotoxicology* 5:776-82.
33. Lederman, S.A., R.L. Jones, K.L. Caldwell, V. Rauh, S.E. Sheets, D. Tang, S. Viswanathan, M. Becker, J.L. Stein, R.Y. Wang, et al. 2008. Relation between cord blood mercury levels and early child development in a World Trade Center cohort. *Environmental Health Perspectives* 116 (8):1085-91.
34. Oken, E., J.S. Radesky, R.O. Wright, D.C. Bellinger, C.J. Amarasinghwardena, K.P. Kleinman, H. Hu, and M.W. Gillman. 2008. Maternal fish intake during pregnancy, blood mercury levels, and child cognition at age 3 years in a US cohort. *American Journal of Epidemiology* 167 (10):1171-81.
35. Oken, E., R.O. Wright, K.P. Kleinman, D. Bellinger, C.J. Amarasinghwardena, H. Hu, J.W. Rich-Edwards, and M.W. Gillman. 2005. Maternal fish consumption, hair mercury, and infant cognition in a U.S. Cohort. *Environmental Health Perspectives* 113 (10):1376-80.
36. Cao, Y., A. Chen, R.L. Jones, J. Radcliffe, K.L. Caldwell, K.N. Dietrich, and W.J. Rogan. 2010. Does background postnatal methyl mercury exposure in toddlers affect cognition and behavior? *Neurotoxicology* 31 (1):1-9.
37. Davidson, P.W., G.J. Myers, C. Cox, C. Axtell, C. Shamlaye, J. Sloane-Reeves, E. Cernichiari, L. Needham, A. Choi, Y. Wang, et al. 1998. Effects of prenatal and postnatal methylmercury exposure from fish consumption on neurodevelopment: outcomes at 66 months of age in the Seychelles Child Development Study. *JAMA* 280 (8):701-7.
38. Freire, C., R. Ramos, M.J. Lopez-Espinosa, S. Diez, J. Vioque, F. Ballester, and M.F. Fernandez. 2010. Hair mercury levels, fish consumption, and cognitive development in preschool children from Granada, Spain. *Environmental Research* 110 (1):96-104.
39. Karagas, M.R., A.L. Choi, E. Oken, M. Horvat, R. Schoeny, E. Kamai, W. Cowell, P. Grandjean, and S. Korrick. 2012. Evidence on the human health effects of low-level methylmercury exposure. *Environmental Health Perspectives* 120 (6):799-806.
40. Grandjean, P., K. Murata, E. Budtz-Jorgensen, and P. Weihe. 2004. Cardiac autonomic activity in methylmercury neurotoxicity: 14-year follow-up of a Faroese birth cohort. *The Journal of Pediatrics* 144 (2):169-76.
41. Sorensen, N., K. Murata, E. Budtz-Jorgensen, P. Weihe, and P. Grandjean. 1999. Prenatal methylmercury exposure as a cardiovascular risk factor at seven years of age. *Epidemiology* 10 (4):370-5.
42. Brenden, N., H. Rabbani, and M. Abedi-Valugerdi. 2001. Analysis of mercury-induced immune activation in nonobese diabetic (NOD) mice. *Clinical and Experimental Immunology* 125 (2):202-10.
43. Sweet, L.I., and J.T. Zelikoff. 2001. Toxicology and immunotoxicology of mercury: a comparative review in fish and humans. *Journal of Toxicology and Environmental Health. Part B, Critical Reviews* 4 (2):161-205.
44. Institute of Medicine. 2007. *Seafood Choices. Balancing Benefits and Risks*. Washington, DC: Committee on Nutrient Relationships in Seafood: Selections to Balance Benefits and Risks. Food and Nutrition Board. Institute of Medicine.
45. U.S. Environmental Protection Agency, and U.S. Food and Drug Administration. 2004. *What you need to know about mercury in fish and shellfish. Advice for women who might become pregnant, women who are pregnant, nursing mothers and children*. Washington DC: U.S. Environmental Protection Agency and U.S. Food and Drug Administration. EPA-823-F-04-009. <http://www.epa.gov/waterscience/fish/files/MethylmercuryBrochure.pdf>.
46. U.S. Department of Agriculture, and U.S. Department of Health and Human Services. 2010. *Dietary Guidelines for Americans, 2010*. Washington, DC: U.S. Government Printing Office. <http://www.cnpp.usda.gov/Publications/DietaryGuidelines/2010/PolicyDoc/PolicyDoc.pdf>.
47. Mahaffey, K.R., R.P. Clickner, and C.C. Bodurow. 2004. Blood organic mercury and dietary mercury intake: National Health and Nutrition Examination Survey, 1999 and 2000. *Environmental Health Perspectives* 112 (5):562-70.
48. Mahaffey, K.R., R.P. Clickner, and R.A. Jeffries. 2009. Adult women's blood mercury concentrations vary regionally in the United States: association with patterns of fish consumption (NHANES 1999-2004). *Environmental Health Perspectives* 117 (1):47-53.
49. Hightower, J.M., A. O'Hare, and G.T. Hernandez. 2006. Blood mercury reporting in NHANES: identifying Asian, Pacific Islander, Native American, and multiracial groups. *Environmental Health Perspectives* 114 (2):173-5.

Mercury (continued)

50. McKelvey, W., R.C. Gwynn, N. Jeffery, D. Kass, L.E. Thorpe, R.K. Garg, C.D. Palmer, and P.J. Parsons. 2007. A biomonitoring study of lead, cadmium, and mercury in the blood of New York city adults. *Environmental Health Perspectives* 115 (10):1435-41.
51. Schober, S.E., T.H. Sinks, R.L. Jones, P.M. Bolger, M. McDowell, J. Osterloh, E.S. Garrett, R.A. Canady, C.F. Dillon, Y. Sun, et al. 2003. Blood mercury levels in US children and women of childbearing age, 1999-2000. *The Journal of the American Medical Association* 289 (13):1667-74.
52. Knobeloch, L., H.A. Anderson, P. Imm, D. Peters, and A. Smith. 2005. Fish consumption, advisory awareness, and hair mercury levels among women of childbearing age. *Environmental Research* 97 (2):220-7.
53. Centers for Disease Control and Prevention. 2009. *Fourth National Report on Human Exposure to Environmental Chemicals*. Atlanta, GA: CDC. <http://www.cdc.gov/exposurereport/>.
54. Clarkson, T.W. 2002. The three modern faces of mercury. *Environmental Health Perspectives* 110 Suppl 1:11-23.
55. Tollefson, L., and F. Cordle. 1986. Methylmercury in fish: a review of residue levels, fish consumption and regulatory action in the United States. *Environmental Health Perspectives* 68:203-8.
56. Caldwell, K.L., M.E. Mortensen, R.L. Jones, S.P. Caudill, and J.D. Osterloh. 2009. Total blood mercury concentrations in the U.S. population: 1999-2006. *International Journal of Hygiene and Environmental Health* 212 (6):588-98.
57. National Center for Health Statistics. *Vital Statistics Natality Birth Data*. Retrieved June 15, 2009 from http://www.cdc.gov/nchs/data_access/Vitalstatsonline.htm.
58. Axelrad, D.A., and J. Cohen. 2011. Calculating summary statistics for population chemical biomonitoring in women of childbearing age with adjustment for age-specific natality. *Environmental Research* 111 (1):149-155.

Cotinine

1. U.S. Department of Health and Human Services. 2006. *The Health Consequences of Involuntary Exposure to Tobacco Smoke: A Report of the Surgeon General*. Atlanta, GA: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, Coordinating Center for Health Promotion, National Center for Chronic Disease Prevention and Health Promotion, Office on Smoking and Health. <http://www.surgeongeneral.gov/library/reports/secondhandsmoke/fullreport.pdf>.
2. National Toxicology Program. 2011. *Report on Carcinogens, 12th Edition*. Research Triangle Park, NC: U.S. Department of Health and Human Services, National Toxicology Program. <http://ntp.niehs.nih.gov/ntp/roc/twelfth/roc12.pdf>.
3. U.S. Environmental Protection Agency. 1992. *Respiratory Health Effects of Passive Smoking: Lung Cancer and Other Disorders*. Washington, DC: EPA Office of Research and Development. <http://cfpub.epa.gov/ncea/cfm/ets/etsindex.cfm>.
4. Gergen, P.J., J.A. Fowler, K.R. Maurer, W.W. Davis, and M.D. Overpeck. 1998. The burden of environmental tobacco smoke exposure on the respiratory health of children 2 months through 5 years of age in the United States: Third National Health and Nutrition Examination Survey, 1988 to 1994. *Pediatrics* 101 (2):E8.
5. Institute of Medicine. 2000. *Clearing the Air: Asthma and Indoor Air Exposures*. Washington, DC: National Academy Press. <http://books.nap.edu/catalog/9610.html>.
6. Lovasi, G.S., A.V. Diez Roux, E.A. Hoffman, S.M. Kawut, D.R. Jacobs, Jr., and R.G. Barr. Association of environmental tobacco smoke exposure in childhood with early emphysema in adulthood among nonsmokers: the MESA-lung study. *American Journal of Epidemiology* 171 (1):54-62.
7. Yousey, Y.K. 2006. Household characteristics, smoking bans, and passive smoke exposure in young children. *Journal of Pediatric Health Care* 20 (2):98-105.
8. Wamboldt, F.S., R.C. Balkissoon, A.E. Rankin, S.J. Szeffler, S.K. Hammond, R.E. Glasgow, and W.P. Dickinson. 2008. Correlates of household smoking bans in low-income families of children with and without asthma. *Family Process* 47 (1):81-94.
9. Pirkle, J.L., J.T. Bernert, S.P. Caudill, C.S. Sosnoff, and T.F. Pechacek. 2006. Trends in the exposure of nonsmokers in the U.S. population to secondhand smoke: 1988-2002. *Environmental Health Perspectives* 114 (6):853-8.
10. Centers for Disease Control and Prevention. 2007. Cigarette smoking among adults—United States, 2006. *Morbidity and Mortality Weekly Report* 56 (44):1157-1161.
11. Centers for Disease Control and Prevention. 2011. Vital Signs: Current Cigarette Smoking Among Adults Aged ≥18 Years --- United States, 2005--2010. *Morbidity and Mortality Weekly Report* 60 (35):1207-12.
12. Centers for Disease Control and Prevention. 2007. State-specific prevalence of smoke-free home rules - United States, 1992-2003. *Morbidity and Mortality Weekly Report* 56 (20):501-504.
13. King, K., M. Martynenko, M.H. Bergman, Y.-H. Liu, J.P. Winickoff, and M. Weitzman. 2009. Family Composition and Children's Exposure to Adult Smokers in Their Homes. *Pediatrics* 123 (4):559-64.

Cotinine (continued)

14. Centers for Disease Control and Prevention. 2011. *Smoke-Free Policies Reduce Secondhand Smoke Exposure* CDC, National Center for Chronic Disease Prevention and Health Promotion, Office on Smoking and Health. Retrieved May 24, 2011 from http://www.cdc.gov/tobacco/data_statistics/fact_sheets/secondhand_smoke/protection/shs_exposure/index.htm.
15. Dove, M.S., D.W. Dockery, and G.N. Connolly. 2010. Smoke-free air laws and secondhand smoke exposure among nonsmoking youth. *Pediatrics* 126 (1):80-7.
16. Dove, M.S., D.W. Dockery, and G.N. Connolly. 2011. Smoke-free air laws and asthma prevalence, symptoms, and severity among nonsmoking youth. *Pediatrics* 127 (1):102-9.
17. Mackay, D., S. Haw, J.G. Ayres, C. Fischbacher, and J.P. Pell. 2010. Smoke-free legislation and hospitalizations for childhood asthma. *New England Journal of Medicine* 363 (12):1139-45.
18. Rayens, M.K., P.V. Burkhart, M. Zhang, S. Lee, D.K. Moser, D. Mannino, and E.J. Hahn. 2008. Reduction in asthma-related emergency department visits after implementation of a smoke-free law. *Journal of Allergy and Clinical Immunology* 122 (3):537-41 e3.
19. Centers for Disease Control and Prevention. 2009. *Fourth National Report on Human Exposure to Environmental Chemicals* Atlanta (GA): CDC. <http://www.cdc.gov/exposurereport/>.
20. Jarvis, M.J., H. Tunstall-Pedoe, C. Feyerabend, C. Vesey, and Y. Saloojee. 1987. Comparison of tests used to distinguish smokers from nonsmokers. *American Journal of Public Health* 77 (11):1435-8.
21. Watts, R.R., J.J. Langone, G.J. Knight, and J. Lewtas. 1990. Cotinine analytical workshop report: consideration of analytical methods for determining cotinine in human body fluids as a measure of passive exposure to tobacco smoke. *Environmental Health Perspectives* 84:173-82.
22. Benowitz, N.L. 1999. Biomarkers of environmental tobacco smoke exposure. *Environmental Health Perspectives* 107 Suppl 2:349-55.
23. Benowitz, N.L. 1996. Cotinine as a biomarker of environmental tobacco smoke exposure. *Epidemiologic Reviews* 18 (2):188-204.
24. Wagenknecht, L.E., G.R. Cutter, N.J. Haley, S. Sidney, T.A. Manolio, G.H. Hughes, and D.R. Jacobs. 1990. Racial differences in serum cotinine levels among smokers in the Coronary Artery Risk Development in (Young) Adults study. *American Journal of Public Health* 80 (9):1053-6.
25. Caraballo, R.S., G.A. Giovino, T.F. Pechacek, P.D. Mowery, P.A. Richter, W.J. Strauss, D.J. Sharp, M.P. Eriksen, J.L. Pirkle, and K.R. Maurer. 1998. Racial and ethnic differences in serum cotinine levels of cigarette smokers: Third National Health and Nutrition Examination Survey, 1988-1991. *Journal of the American Medical Association* 280 (2):135-9.
26. Perez-Stable, E.J., B. Herrera, P. Jacob, 3rd, and N.L. Benowitz. 1998. Nicotine metabolism and intake in black and white smokers. *Journal of the American Medical Association* 280 (2):152-6.
27. Benowitz, N.L., E.J. Perez-Stable, I. Fong, G. Modin, B. Herrera, and P. Jacob, 3rd. 1999. Ethnic differences in N-glucuronidation of nicotine and cotinine. *Journal of Pharmacology and Experimental Therapeutics* 291 (3):196-203.
28. Benowitz, N.L., E.J. Perez-Stable, B. Herrera, and P. Jacob, 3rd. 2002. Slower metabolism and reduced intake of nicotine from cigarette smoking in Chinese-Americans. *Journal of the National Cancer Institute* 94 (2):108-15.
29. Pirkle, J.L., K.M. Flegal, J.T. Bernert, D.J. Brody, R.A. Etzel, and K.R. Maurer. 1996. Exposure of the US population to environmental tobacco smoke: the Third National Health and Nutrition Examination Survey, 1988 to 1991. *Journal of the American Medical Association* 275 (16):1233-40.
30. National Center for Health Statistics. *Vital Statistics Natality Birth Data*. Retrieved June 15, 2009 from http://www.cdc.gov/nchs/data_access/Vitalstatsonline.htm.
31. Axelrad, D.A., and J. Cohen. 2011. Calculating summary statistics for population chemical biomonitoring in women of childbearing age with adjustment for age-specific natality. *Environmental Research* 111 (1):149-155.

Perfluorochemicals (PFCs)

1. Agency for Toxic Substances and Disease Registry (ATSDR). 2009. *Toxicological Profile for Perfluoroalkyls. (Draft for Public Comment)*. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service. <http://www.atsdr.cdc.gov/toxprofiles/tp.asp?id=1117&tid=237>.
2. Centers for Disease Control and Prevention. 2009. *Fourth National Report on Human Exposure to Environmental Chemicals*. Atlanta, GA: CDC. <http://www.cdc.gov/exposurereport/>.
3. Conder, J.M., R.A. Hoke, W. De Wolf, M.H. Russell, and R.C. Buck. 2008. Are PFCAs bioaccumulative? A critical review and comparison with regulatory criteria and persistent lipophilic compounds. *Environmental Science and Technology* 42 (4):995-1003.
4. Fromme, H., S.A. Tittlemier, W. Volkel, M. Wilhelm, and D. Twardella. 2009. Perfluorinated compounds--exposure assessment for the general population in Western countries. *International Journal of Hygiene and Environmental Health* 212 (3):239-70.

Perfluorochemicals (PFCs) (continued)

5. Kelly, B.C., M.G. Ikonomidou, J.D. Blair, A.E. Morin, and F.A. Gobas. 2007. Food web-specific biomagnification of persistent organic pollutants. *Science* 317 (5835):236-9.
6. Kelly, B.C., M.G. Ikonomidou, J.D. Blair, B. Surrridge, D. Hoover, R. Grace, and F.A. Gobas. 2009. Perfluoroalkyl contaminants in an Arctic marine food web: trophic magnification and wildlife exposure. *Environmental Science and Technology* 43 (11):4037-43.
7. Lau, C., K. Anitole, C. Hodes, D. Lai, A. Pfahles-Hutchens, and J. Seed. 2007. Perfluoroalkyl acids: a review of monitoring and toxicological findings. *Toxicological Sciences* 99 (2):366-94.
8. Martin, J.W., S.A. Mabury, K.R. Solomon, and D.C. Muir. 2003. Bioconcentration and tissue distribution of perfluorinated acids in rainbow trout (*Oncorhynchus mykiss*). *Environmental Toxicology and Chemistry* 22 (1):196-204.
9. Bartell, S.M., A.M. Calafat, C. Lyu, K. Kato, P.B. Ryan, and K. Steenland. 2010. Rate of decline in serum PFOA concentrations after granular activated carbon filtration at two public water systems in Ohio and West Virginia. *Environmental Health Perspectives* 118 (2):222-8.
10. Brede, E., M. Wilhelm, T. Goen, J. Muller, K. Rauchfuss, M. Kraft, and J. Holzer. 2010. Two-year follow-up biomonitoring pilot study of residents' and controls' PFC plasma levels after PFOA reduction in public water system in Arnsberg, Germany. *International Journal of Hygiene and Environmental Health* 213 (3):217-23.
11. Harada, K., K. Inoue, A. Morikawa, T. Yoshinaga, N. Saito, and A. Koizumi. 2005. Renal clearance of perfluorooctane sulfonate and perfluorooctanoate in humans and their species-specific excretion. *Environmental Research* 99 (2):253-61.
12. Olsen, G.W., J.M. Burris, D.J. Ehresman, J.W. Froehlich, A.M. Seacat, J.L. Butenhoff, and L.R. Zobel. 2007. Half-life of serum elimination of perfluorooctanesulfonate, perfluorohexanesulfonate, and perfluorooctanoate in retired fluorochemical production workers. *Environmental Health Perspectives* 115 (9):1298-305.
13. Seals, R., S.M. Bartell, and K. Steenland. 2011. Accumulation and clearance of perfluorooctanoic acid (PFOA) in current and former residents of an exposed community. *Environmental Health Perspectives* 119 (1):119-24.
14. Kato, K., L.Y. Wong, L.T. Jia, Z. Kuklennyik, and A.M. Calafat. 2011. Trends in exposure to polyfluoroalkyl chemicals in the U.S. population: 1999-2008. *Environmental Science and Technology* 45 (19):8037-45.
15. U.S. Environmental Protection Agency. 2009. *Long-Chain Perfluorinated Chemicals (PFCs) Action Plan*. Washington, DC: U.S. EPA, Office of Pollution Prevention and Toxics. http://www.epa.gov/oppt/existingchemicals/pubs/pfcs_action_plan1230_09.pdf.
16. 3M. 2010. *What is 3M Doing?* Retrieved January 18, 2010 from http://solutions.3m.com/wps/portal/3M/en_US/PFOS/PFOA/Information/Action/.
17. U.S. Environmental Protection Agency. 2010. *News Release: EPA Announces Substantial Decrease of PFOA* Retrieved January 20, 2010 from <http://yosemite.epa.gov/opa/admpress.nsf/68b5f2d54f3eefd28525701500517fbf/8f9dbdd044050f71852573e50064439f!OpenDocument>.
18. Egeghy, P.P., and M. Lorber. 2011. An assessment of the exposure of Americans to perfluorooctane sulfonate: a comparison of estimated intake with values inferred from NHANES data. *Journal of Exposure Science and Environmental Epidemiology* 21 (2):150-68.
19. Trudel, D., L. Horowitz, M. Wormuth, M. Scheringer, I.T. Cousins, and K. Hungerbuhler. 2008. Estimating consumer exposure to PFOS and PFOA. *Risk Analysis* 28 (2):251-69.
20. Begley, T.H., K. White, P. Honigfort, M.L. Twaroski, R. Neches, and R.A. Walker. 2005. Perfluorochemicals: potential sources of and migration from food packaging. *Food Additives and Contaminants* 22 (10):1023-31.
21. Tittlemier, S.A., K. Pepper, C. Seymour, J. Moisey, R. Bronson, X.L. Cao, and R.W. Dabeka. 2007. Dietary exposure of Canadians to perfluorinated carboxylates and perfluorooctane sulfonate via consumption of meat, fish, fast foods, and food items prepared in their packaging. *Journal of Agricultural and Food Chemistry* 55 (8):3203-10.
22. Ericson, I., R. Marti-Cid, M. Nadal, B. Van Bavel, G. Lindstrom, and J.L. Domingo. 2008. Human exposure to perfluorinated chemicals through the diet: intake of perfluorinated compounds in foods from the Catalan (Spain) market. *Journal of Agricultural and Food Chemistry* 56 (5):1787-94.
23. Schecter, A., J. Colacino, D. Haffner, K. Patel, M. Opel, O. Papke, and L. Birnbaum. 2010. Perfluorinated Compounds, Polychlorinated Biphenyl, and Organochlorine Pesticide Contamination in Composite Food Samples from Dallas, Texas. *Environmental Health Perspectives* 118:796-802.
24. Young, W.M., P. South, T.H. Begley, G.W. Diachenko, and G.O. Noonan. 2012. Determination of perfluorochemicals in cow's milk using liquid chromatography-tandem mass spectrometry. *Journal of Agricultural and Food Chemistry* 60 (7):1652-8.
25. Konwick, B.J., G.T. Tomy, N. Ismail, J.T. Peterson, R.J. Fauver, D. Higginbotham, and A.T. Fisk. 2008. Concentrations and patterns of perfluoroalkyl acids in Georgia, USA surface waters near and distant to a major use source. *Environmental Toxicology and Chemistry* 27 (10):2011-8.
26. Moody, C.A., G.N. Hebert, S.H. Strauss, and J.A. Field. 2003. Occurrence and persistence of perfluorooctanesulfonate and other perfluorinated surfactants in groundwater at a fire-training area at Wurtsmith Air Force Base, Michigan, USA. *Journal of Environmental Monitoring* 5 (2):341-5.

Perfluorochemicals (PFCs) (continued)

27. Post, G.B., J.B. Louis, K.R. Cooper, B.J. Boros-Russo, and R.L. Lippincott. 2009. Occurrence and potential significance of perfluorooctanoic acid (PFOA) detected in New Jersey public drinking water systems. *Environmental Science and Technology* 43 (12):4547-54.
28. Shin, H.M., V.M. Vieira, P.B. Ryan, R. Detwiler, B. Sanders, K. Steenland, and S.M. Bartell. 2011. Environmental Fate and Transport Modeling for Perfluorooctanoic Acid Emitted from the Washington Works Facility in West Virginia. *Environmental Science and Technology* 45 (4):1435-42.
29. Sinclair, E., D.T. Mayack, K. Roblee, N. Yamashita, and K. Kannan. 2006. Occurrence of perfluoroalkyl surfactants in water, fish, and birds from New York State. *Archives of Environmental Contamination and Toxicology* 50 (3):398-410.
30. Skutlarek, D., M. Exner, and H. Farber. 2006. Perfluorinated surfactants in surface and drinking waters. *Environmental Science and Pollution Research International* 13 (5):299-307.
31. Steenland, K., C. Jin, J. MacNeil, C. Lally, A. Ducatman, V. Vieira, and T. Fletcher. 2009. Predictors of PFOA Levels in a Community Surrounding a Chemical Plant *Environmental Health Perspectives* 117 (7):1083-1088.
32. Karrman, A., I. Ericson, B. van Bavel, P.O. Darnerud, M. Aune, A. Glynn, S. Lignell, and G. Lindstrom. 2007. Exposure of perfluorinated chemicals through lactation: levels of matched human milk and serum and a temporal trend, 1996-2004, in Sweden. *Environmental Health Perspectives* 115 (2):226-30.
33. Llorca, M., M. Farre, Y. Pico, M.L. Teijon, J.G. Alvarez, and D. Barcelo. 2010. Infant exposure of perfluorinated compounds: levels in breast milk and commercial baby food. *Environment International* 36 (6):584-92.
34. Tao, L., K. Kannan, C.M. Wong, K.F. Arcaro, and J.L. Butenhoff. 2008. Perfluorinated compounds in human milk from Massachusetts, U.S.A. *Environmental Science and Technology* 42 (8):3096-101.
35. Thomsen, C., L.S. Haug, H. Stigum, M. Froshaug, S.L. Broadwell, and G. Becher. 2010. Changes in concentrations of perfluorinated compounds, polybrominated diphenyl ethers, and polychlorinated biphenyls in Norwegian breast-milk during twelve months of lactation. *Environmental Science and Technology* 44 (24):9550-6.
36. Volkel, W., O. Genzel-Boroviczeny, H. Demmelmair, C. Gebauer, B. Koletzko, D. Twardella, U. Raab, and H. Fromme. 2008. Perfluorooctane sulphonate (PFOS) and perfluorooctanoic acid (PFOA) in human breast milk: results of a pilot study. *International Journal of Hygiene and Environmental Health* 211 (3-4):440-6.
37. Bjorklund, J.A., K. Thuresson, and C.A. De Wit. 2009. Perfluoroalkyl compounds (PFCs) in indoor dust: concentrations, human exposure estimates, and sources. *Environmental Science and Technology* 43 (7):2276-81.
38. Strynar, M.J., and A.B. Lindstrom. 2008. Perfluorinated compounds in house dust from Ohio and North Carolina, USA. *Environmental Science and Technology* 42 (10):3751-6.
39. Kato, K., A.M. Calafat, and L.L. Needham. 2009. Polyfluoroalkyl chemicals in house dust. *Environmental Research* 109 (5):518-23.
40. Kubwabo, C., B. Stewart, J. Zhu, and L. Marro. 2005. Occurrence of perfluorosulfonates and other perfluorochemicals in dust from selected homes in the city of Ottawa, Canada. *Journal of Environmental Monitoring* 7 (11):1074-8.
41. Harrad, S., C.A. de Wit, M.A. Abdallah, C. Bergh, J.A. Bjorklund, A. Covaci, P.O. Darnerud, J. de Boer, M. Diamond, S. Huber, et al. 2010. Indoor contamination with hexabromocyclododecanes, polybrominated diphenyl ethers, and perfluoroalkyl compounds: an important exposure pathway for people? *Environmental Science and Technology* 44 (9):3221-31.
42. U.S. Environmental Protection Agency. 2008. *Child-Specific Exposure Factors Handbook (Final Report)*. Washington, DC. EPA/600/R-06/096F. <http://cfpub.epa.gov/ncea/cfm/recorddisplay.cfm?deid=199243#Download>.
43. Kato, K., A.M. Calafat, L.Y. Wong, A.A. Wanigatunga, S.P. Caudill, and L.L. Needham. 2009. Polyfluoroalkyl compounds in pooled sera from children participating in the National Health and Nutrition Examination Survey 2001-2002. *Environmental Science and Technology* 43 (7):2641-7.
44. Toms, L.M., A.M. Calafat, K. Kato, J. Thompson, F. Harden, P. Hobson, A. Sjodin, and J.F. Mueller. 2009. Polyfluoroalkyl chemicals in pooled blood serum from infants, children, and adults in Australia. *Environmental Science and Technology* 43 (11):4194-9.
45. Woodruff, T.J., A.R. Zota, and J.M. Schwartz. 2011. Environmental Chemicals in Pregnant Women in the US: NHANES 2003-2004. *Environmental Health Perspectives* 119 (6):878-85.
46. Apelberg, B.J., L.R. Goldman, A.M. Calafat, J.B. Herbstman, Z. Kuklenyik, J. Heidler, L.L. Needham, R.U. Halden, and F.R. Witter. 2007. Determinants of fetal exposure to polyfluoroalkyl compounds in Baltimore, Maryland. *Environmental Science and Technology* 41 (11):3891-7.
47. Inoue, K., F. Okada, R. Ito, S. Kato, S. Sasaki, S. Nakajima, A. Uno, Y. Saijo, F. Sata, Y. Yoshimura, et al. 2004. Perfluorooctane sulfonate (PFOS) and related perfluorinated compounds in human maternal and cord blood samples: assessment of PFOS exposure in a susceptible population during pregnancy. *Environmental Health Perspectives* 112 (11):1204-7.

Perfluorochemicals (PFCs) (continued)

48. Calafat, A.M., Z. Kuklennyik, J.A. Reidy, S.P. Caudill, J.S. Tully, and L.L. Needham. 2007. Serum concentrations of 11 polyfluoroalkyl compounds in the U.S. population: data from the national health and nutrition examination survey (NHANES). *Environmental Science and Technology* 41 (7):2237-42.
49. Apelberg, B.J., F.R. Witter, J.B. Herbstman, A.M. Calafat, R.U. Halden, L.L. Needham, and L.R. Goldman. 2007. Cord serum concentrations of perfluorooctane sulfonate (PFOS) and perfluorooctanoate (PFOA) in relation to weight and size at birth. *Environmental Health Perspectives* 115 (11):1670-6.
50. Fei, C., J.K. McLaughlin, R.E. Tarone, and J. Olsen. 2007. Perfluorinated chemicals and fetal growth: a study within the Danish National Birth Cohort. *Environmental Health Perspectives* 115 (11):1677-82.
51. Fei, C., J.K. McLaughlin, R.E. Tarone, and J. Olsen. 2008. Fetal growth indicators and perfluorinated chemicals: a study in the Danish National Birth Cohort. *American Journal of Epidemiology* 168 (1):66-72.
52. Washino, N., Y. Saijo, S. Sasaki, S. Kato, S. Ban, K. Konishi, R. Ito, A. Nakata, Y. Iwasaki, K. Saito, et al. 2009. Correlations between prenatal exposure to perfluorinated chemicals and reduced fetal growth. *Environmental Health Perspectives* 117 (4):660-7.
53. Hamm, M.P., N.M. Cherry, E. Chan, J.W. Martin, and I. Burstyn. 2010. Maternal exposure to perfluorinated acids and fetal growth. *Journal of Exposure Science and Environmental Epidemiology* 20 (7):589-97.
54. Monroy, R., K. Morrison, K. Teo, S. Atkinson, C. Kubwabo, B. Stewart, and W.G. Foster. 2008. Serum levels of perfluoroalkyl compounds in human maternal and umbilical cord blood samples. *Environmental Research* 108 (1):56-62.
55. Butenhoff, J.L., G.L. Kennedy, Jr., S.R. Frame, J.C. O'Connor, and R.G. York. 2004. The reproductive toxicology of ammonium perfluorooctanoate (APFO) in the rat. *Toxicology* 196 (1-2):95-116.
56. Era, S., K.H. Harada, M. Toyoshima, K. Inoue, M. Minata, N. Saito, T. Takigawa, K. Shiota, and A. Koizumi. 2009. Cleft palate caused by perfluorooctane sulfonate is caused mainly by extrinsic factors. *Toxicology* 256 (1-2):42-7.
57. Fuentes, S., M.T. Colomina, J. Rodriguez, P. Vicens, and J.L. Domingo. 2006. Interactions in developmental toxicology: concurrent exposure to perfluorooctane sulfonate (PFOS) and stress in pregnant mice. *Toxicology Letters* 164 (1):81-9.
58. Grasty, R.C., D.C. Wolf, B.E. Grey, C.S. Lau, and J.M. Rogers. 2003. Prenatal window of susceptibility to perfluorooctane sulfonate-induced neonatal mortality in the Sprague-Dawley rat. *Birth Defects Research Part B: Developmental and Reproductive Toxicology* 68 (6):465-71.
59. Hines, E.P., S.S. White, J.P. Stanko, E.A. Gibbs-Flournoy, C. Lau, and S.E. Fenton. 2009. Phenotypic dichotomy following developmental exposure to perfluorooctanoic acid (PFOA) in female CD-1 mice: Low doses induce elevated serum leptin and insulin, and overweight in mid-life. *Molecular and Cellular Endocrinology* 304 (1-2):97-105.
60. Lau, C., J.L. Butenhoff, and J.M. Rogers. 2004. The developmental toxicity of perfluoroalkyl acids and their derivatives. *Toxicology and Applied Pharmacology* 198 (2):231-41.
61. Lau, C., J.R. Thibodeaux, R.G. Hanson, M.G. Narotsky, J.M. Rogers, A.B. Lindstrom, and M.J. Strynar. 2006. Effects of perfluorooctanoic acid exposure during pregnancy in the mouse. *Toxicological Sciences* 90 (2):510-8.
62. Lau, C., J.R. Thibodeaux, R.G. Hanson, J.M. Rogers, B.E. Grey, M.E. Stanton, J.L. Butenhoff, and L.A. Stevenson. 2003. Exposure to perfluorooctane sulfonate during pregnancy in rat and mouse. II: postnatal evaluation. *Toxicological Sciences* 74 (2):382-92.
63. Luebker, D.J., M.T. Case, R.G. York, J.A. Moore, K.J. Hansen, and J.L. Butenhoff. 2005. Two-generation reproduction and cross-foster studies of perfluorooctanesulfonate (PFOS) in rats. *Toxicology* 215 (1-2):126-48.
64. Luebker, D.J., R.G. York, K.J. Hansen, J.A. Moore, and J.L. Butenhoff. 2005. Neonatal mortality from in utero exposure to perfluorooctanesulfonate (PFOS) in Sprague-Dawley rats: dose-response, and biochemical and pharmacokinetic parameters. *Toxicology* 215 (1-2):149-69.
65. Thibodeaux, J.R., R.G. Hanson, J.M. Rogers, B.E. Grey, B.D. Barbee, J.H. Richards, J.L. Butenhoff, L.A. Stevenson, and C. Lau. 2003. Exposure to perfluorooctane sulfonate during pregnancy in rat and mouse. I: maternal and prenatal evaluations. *Toxicological Sciences* 74 (2):369-81.
66. Olsen, G.W., and L.R. Zobel. 2007. Assessment of lipid, hepatic, and thyroid parameters with serum perfluorooctanoate (PFOA) concentrations in fluorochemical production workers. *International Archives of Occupational and Environmental Health* 81 (2):231-46.
67. Dallaire, R., E. Dewailly, D. Pereg, S. Dery, and P. Ayotte. 2009. Thyroid function and plasma concentrations of polyhalogenated compounds in Inuit adults. *Environmental Health Perspectives* 117 (9):1380-6.
68. Melzer, D., N. Rice, M.H. Depledge, W.E. Henley, and T.S. Galloway. 2010. Association Between Serum Perfluorooctanoic Acid (PFOA) and Thyroid Disease in the NHANES Study. *Environmental Health Perspectives* 118 (686-692).
69. Chan, E., I. Burstyn, N. Cherry, F. Bamforth, and J.W. Martin. 2011. Perfluorinated acids and hypothyroxinemia in pregnant women. *Environmental Research* 111 (4):559-64.

Perfluorochemicals (PFCs) (continued)

70. Chang, S.C., J.R. Thibodeaux, M.L. Eastvold, D.J. Ehresman, J.A. Bjork, J.W. Froehlich, C. Lau, R.J. Singh, K.B. Wallace, and J.L. Butenhoff. 2008. Thyroid hormone status and pituitary function in adult rats given oral doses of perfluorooctanesulfonate (PFOS). *Toxicology* 243 (3):330-9.
71. Martin, M.T., R.J. Brennan, W. Hu, E. Ayanoglu, C. Lau, H. Ren, C.R. Wood, J.C. Corton, R.J. Kavlock, and D.J. Dix. 2007. Toxicogenomic study of triazole fungicides and perfluoroalkyl acids in rat livers predicts toxicity and categorizes chemicals based on mechanisms of toxicity. *Toxicological Sciences* 97 (2):595-613.
72. Seacat, A.M., P.J. Thomford, K.J. Hansen, L.A. Clemen, S.R. Eldridge, C.R. Elcombe, and J.L. Butenhoff. 2003. Sub-chronic dietary toxicity of potassium perfluorooctanesulfonate in rats. *Toxicology* 183 (1-3):117-31.
73. Seacat, A.M., P.J. Thomford, K.J. Hansen, G.W. Olsen, M.T. Case, and J.L. Butenhoff. 2002. Subchronic toxicity studies on perfluorooctanesulfonate potassium salt in cynomolgus monkeys. *Toxicological Sciences* 68 (1):249-64.
74. Yu, W.G., W. Liu, and Y.H. Jin. 2009. Effects of perfluorooctane sulfonate on rat thyroid hormone biosynthesis and metabolism. *Environmental Toxicology and Chemistry* 28 (5):990-6.
75. Morreale de Escobar, G., M.J. Obregon, and F. Escobar del Rey. 2000. Is neuropsychological development related to maternal hypothyroidism or to maternal hypothyroxinemia? *The Journal of Clinical Endocrinology and Metabolism* 85 (11):3975-87.
76. Vamecq, J., and N. Latruffe. 1999. Medical significance of peroxisome proliferator-activated receptors. *Lancet* 354 (9173):141-8.
77. Nelson, J.W., E.E. Hatch, and T.F. Webster. 2010. Exposure to polyfluoroalkyl chemicals and cholesterol, body weight, and insulin resistance in the general U.S. population. *Environmental Health Perspectives* 118:197-202.
78. Costa, G., S. Sartori, and D. Consonni. 2009. Thirty years of medical surveillance in perfluorooctanoic acid production workers. *Journal of Occupational and Environmental Medicine* 51 (3):364-72.
79. Gilliland, F.D., and J.S. Mandel. 1996. Serum perfluorooctanoic acid and hepatic enzymes, lipoproteins, and cholesterol: a study of occupationally exposed men. *American Journal of Industrial Medicine* 29 (5):560-8.
80. Haughom, B., and O. Spydevold. 1992. The mechanism underlying the hypolipemic effect of perfluorooctanoic acid (PFOA), perfluorooctane sulphonic acid (PFOSA) and clofibrac acid. *Biochimica et Biophysica Acta* 1128 (1):65-72.
81. Lin, C.Y., P.C. Chen, Y.C. Lin, and L.Y. Lin. 2009. Association among serum perfluoroalkyl chemicals, glucose homeostasis, and metabolic syndrome in adolescents and adults. *Diabetes Care* 32 (4):702-7.
82. Olsen, G.W., J.M. Burris, M.M. Burlew, and J.H. Mandel. 2003. Epidemiologic assessment of worker serum perfluorooctanesulfonate (PFOS) and perfluorooctanoate (PFOA) concentrations and medical surveillance examinations. *Journal of Occupational and Environmental Medicine* 45 (3):260-70.
83. Olsen, G.W., J.M. Burris, J.H. Mandel, and L.R. Zobel. 1999. Serum perfluorooctane sulfonate and hepatic and lipid clinical chemistry tests in fluorochemical production employees. *Journal of Occupational and Environmental Medicine* 41 (9):799-806.
84. Sakr, C.J., K.H. Kreckmann, J.W. Green, P.J. Gillies, J.L. Reynolds, and R.C. Leonard. 2007. Cross-sectional study of lipids and liver enzymes related to a serum biomarker of exposure (ammonium perfluorooctanoate or APFO) as part of a general health survey in a cohort of occupationally exposed workers. *Journal of Occupational and Environmental Medicine* 49 (10):1086-96.
85. Woollett, L.A. 2001. The origins and roles of cholesterol and fatty acids in the fetus. *Current Opinion in Lipidology* 12 (3):305-12.
86. Keil, D.E., T. Mehlmann, L. Butterworth, and M.M. Peden-Adams. 2008. Gestational exposure to perfluorooctane sulfonate suppresses immune function in B6C3F1 mice. *Toxicological Sciences* 103 (1):77-85.
87. Fang, X., L. Zhang, Y. Feng, Y. Zhao, and J. Dai. 2008. Immunotoxic effects of perfluorononanoic acid on BALB/c mice. *Toxicological Sciences* 105 (2):312-21.
88. Peden-Adams, M.M., J.M. Keller, J.G. Eudaly, J. Berger, G.S. Gilkeson, and D.E. Keil. 2008. Suppression of humoral immunity in mice following exposure to perfluorooctane sulfonate. *Toxicological Sciences* 104 (1):144-54.
89. Ehresman, D.J., J.W. Froehlich, G.W. Olsen, S.C. Chang, and J.L. Butenhoff. 2007. Comparison of human whole blood, plasma, and serum matrices for the determination of perfluorooctanesulfonate (PFOS), perfluorooctanoate (PFOA), and other fluorochemicals. *Environ Res* 103 (2):176-84.
90. National Center for Health Statistics. *Vital Statistics Natality Birth Data, 2003-2004*. Retrieved June 15, 2009 from http://www.cdc.gov/nchs/data_access/Vitalstatsonline.htm.
91. Axelrad, D.A., and J. Cohen. 2011. Calculating summary statistics for population chemical biomonitoring in women of childbearing age with adjustment for age-specific natality. *Environmental Research* 111 (1):149-155.

Polychlorinated Biphenyls (PCBs)

1. U.S. Environmental Protection Agency. 2010. *Basic Information: Polychlorinated Biphenyl (PCB)* U.S. EPA. Retrieved November 1, 2010 from <http://www.epa.gov/epawaste/hazard/tsd/pcbs/pubs/about.htm>.
2. Agency for Toxic Substances and Disease Registry (ATSDR). 2000. *Toxicological Profile for Polychlorinated Biphenyls (PCBs)*. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service. <http://www.atsdr.cdc.gov/toxprofiles/tp.asp?id=142&tid=26>.
3. U.S. Environmental Protection Agency. 2011. *Polychlorinated Biphenyls (PCBs): Aroclor and Other PCB Mixtures*. Retrieved August 15, 2011 from <http://www.epa.gov/epawaste/hazard/tsd/pcbs/pubs/aroclor.htm>.
4. Simon, T., J.K. Britt, and R.C. James. 2007. Development of a neurotoxic equivalence scheme of relative potency for assessing the risk of PCB mixtures. *Regulatory Toxicology and Pharmacology* 48 (2):148-70.
5. Van den Berg, M., L.S. Birnbaum, M. Denison, M. De Vito, W. Farland, M. Feeley, H. Fiedler, H. Hakansson, A. Hanberg, L. Haws, et al. 2006. The 2005 World Health Organization reevaluation of human and mammalian toxic equivalency factors for dioxins and dioxin-like compounds. *Toxicological Sciences* 93 (2):223-41.
6. U.S. Environmental Protection Agency. 1979. *EPA Bans PCB Manufacture; Phases Out Uses*. Retrieved March 1, 2010 from <http://www.epa.gov/history/topics/pcbs/01.htm>.
7. Schecter, A., O. Papke, K.C. Tung, J. Joseph, T.R. Harris, and J. Dahlgren. 2005. Polybrominated diphenyl ether flame retardants in the U.S. population: current levels, temporal trends, and comparison with dioxins, dibenzofurans, and polychlorinated biphenyls. *Journal of Occupational and Environmental Medicine* 47 (3):199-211.
8. Sjodin, A., R.S. Jones, J.F. Focant, C. Lapeza, R.Y. Wang, E.E. McGahee, 3rd, Y. Zhang, W.E. Turner, B. Slazyk, L.L. Needham, et al. 2004. Retrospective time-trend study of polybrominated diphenyl ether and polybrominated and polychlorinated biphenyl levels in human serum from the United States. *Environmental Health Perspectives* 112 (6):654-8.
9. Hickey, J.P., S.A. Batterman, and S.M. Chernyak. 2006. Trends of chlorinated organic contaminants in great lakes trout and walleye from 1970 to 1998. *Archives of Environmental Contamination and Toxicology* 50 (1):97-110.
10. Sun, P., I. Basu, P. Blanchard, K.A. Brice, and R.A. Hites. 2007. Temporal and spatial trends of atmospheric polychlorinated biphenyl concentrations near the Great Lakes. *Environmental Science and Technology* 41 (4):1131-6.
11. Chen, Y.C., Y.L. Guo, C.C. Hsu, and W.J. Rogan. 1992. Cognitive development of Yu-Cheng ("oil disease") children prenatally exposed to heat-degraded PCBs. *Journal of the American Medical Association* 268 (22):3213-8.
12. Chen, Y.J., and C.C. Hsu. 1994. Effects of prenatal exposure to PCBs on the neurological function of children: a neuropsychological and neurophysiological study. *Developmental Medicine & Child Neurology* 36 (4):312-20.
13. Lai, T.J., X. Liu, Y.L. Guo, N.W. Guo, M.L. Yu, C.C. Hsu, and W.J. Rogan. 2002. A cohort study of behavioral problems and intelligence in children with high prenatal polychlorinated biphenyl exposure. *Archives of General Psychiatry* 59 (11):1061-6.
14. Masuda, Y. 2009. Toxic effects of PCB/PCDF to humans observed in Yusho and other poisonings. *Fukuoka Igaku Zasshi* 100 (5):141-55.
15. Rogan, W.J., B.C. Gladen, K.L. Hung, S.L. Koong, L.Y. Shih, J.S. Taylor, Y.C. Wu, D. Yang, N.B. Ragan, and C.C. Hsu. 1988. Congenital poisoning by polychlorinated biphenyls and their contaminants in Taiwan. *Science* 241 (4863):334-6.
16. Wigle, D.T., T.E. Arbuckle, M.C. Turner, A. Berube, Q. Yang, S. Liu, and D. Krewski. 2008. Epidemiologic evidence of relationships between reproductive and child health outcomes and environmental chemical contaminants. *Journal of Toxicology and Environmental Health B Critical Reviews* 11 (5-6):373-517.
17. Jacobson, J.L., and S.W. Jacobson. 2003. Prenatal exposure to polychlorinated biphenyls and attention at school age. *Journal of Pediatrics* 143 (6):780-8.
18. Sagiv, S.K., J.K. Nugent, T.B. Brazelton, A.L. Choi, P.E. Tolbert, L.M. Altshul, and S.A. Korrick. 2008. Prenatal Organochlorine Exposure and Measures of Behavior in Infancy Using the Neonatal Behavioral Assessment Scale (NBAS). *Environmental Health Perspectives* 116 (5):666-673.
19. Stewart, P., S. Fitzgerald, J. Reihman, B. Gump, E. Lonky, T. Darvill, J. Pagano, and P. Hauser. 2003. Prenatal PCB exposure, the corpus callosum, and response inhibition. *Environmental Health Perspectives* 111 (13):1670-7.
20. Stewart, P., E. Lonky, J. Reihman, J. Pagano, B. Gump, and T. Darvill. 2008. The relationship between prenatal PCB exposure and intelligence (IQ) in 9-year-old children. *Environmental Health Perspectives* 116 (10):1416-1422.
21. Stewart, P.W., D.M. Sargent, J. Reihman, B.B. Gump, E. Lonky, T. Darvill, H. Hicks, and J. Pagano. 2006. Response inhibition during Differential Reinforcement of Low Rates (DRL) schedules may be sensitive to low-level polychlorinated biphenyl, methylmercury, and lead exposure in children. *Environmental Health Perspectives* 114 (12):1923-9.
22. Vreugdenhil, H.J., P.G. Mulder, H.H. Emmen, and N. Weisglas-Kuperus. 2004. Effects of perinatal exposure to PCBs on neuropsychological functions in the Rotterdam cohort at 9 years of age. *Neuropsychology* 18 (1):185-93.

Polychlorinated Biphenyls (PCBs) (continued)

23. Sagiv, S.K., S.W. Thurston, D.C. Bellinger, P.E. Tolbert, L.M. Altshul, and S.A. Korrick. 2010. Prenatal Organochlorine Exposure and Behaviors Associated With Attention Deficit Hyperactivity Disorder in School-Aged Children. *American Journal of Epidemiology* 171 (5):593-601.
24. Darvill, T., E. Lonky, J. Reihman, P. Stewart, and J. Pagano. 2000. Prenatal exposure to PCBs and infant performance on the fagan test of infant intelligence. *Neurotoxicology* 21 (6):1029-38.
25. Jacobson, J.L., and S.W. Jacobson. 1996. Intellectual impairment in children exposed to polychlorinated biphenyls in utero. *New England Journal of Medicine* 335 (11):783-9.
26. Jorissen, J. 2007. Literature review. Outcomes associated with postnatal exposure to polychlorinated biphenyls (PCBs) via breast milk. *Advances in Neonatal Care* 7 (5):230-7.
27. Patandin, S., C.I. Lanting, P.G. Mulder, E.R. Boersma, P.J. Sauer, and N. Weisglas-Kuperus. 1999. Effects of environmental exposure to polychlorinated biphenyls and dioxins on cognitive abilities in Dutch children at 42 months of age. *Journal of Pediatrics* 134 (1):33-41.
28. Stewart, P., J. Reihman, E. Lonky, T. Darvill, and J. Pagano. 2000. Prenatal PCB exposure and neonatal behavioral assessment scale (NBAS) performance. *Neurotoxicology and Teratology* 22 (1):21-9.
29. Walkowiak, J., J.A. Wiener, A. Fastabend, B. Heinzow, U. Kramer, E. Schmidt, H.J. Steingruber, S. Wundram, and G. Winneke. 2001. Environmental exposure to polychlorinated biphenyls and quality of the home environment: effects on psychodevelopment in early childhood. *Lancet* 358 (9293):1602-7.
30. Schantz, S.L., J.J. Widholm, and D.C. Rice. 2003. Effects of PCB exposure on neuropsychological function in children. *Environmental Health Perspectives* 111 (3):357-376.
31. Jacobson, J.L., S.W. Jacobson, and H.E. Humphrey. 1990. Effects of exposure to PCBs and related compounds on growth and activity in children. *Neurotoxicology and Teratology* 12 (4):319-26.
32. Ribas-Fito, N., M. Sala, M. Kogevinas, and J. Sunyer. 2001. Polychlorinated biphenyls (PCBs) and neurological development in children: a systematic review. *Journal of Epidemiology and Community Health* 55 (8):537-46.
33. Schantz, S.L., J.C. Gardiner, D.M. Gasior, R.J. McCaffrey, A.M. Sweeney, and H.E.B. Humphrey. 2004. Much Ado About Something: The Weight of Evidence for PCB Effects on Neuropsychological Function. *Psychology in the Schools* 41 (6):669-679.
34. Boucher, O., G. Muckle, and C.H. Bastien. 2009. Prenatal exposure to polychlorinated biphenyls: a neuropsychologic analysis. *Environmental Health Perspectives* 117 (1):7-16.
35. Institute of Medicine. 2003. *Dioxins and Dioxin-like Compounds in the Food Supply*. Washington, DC: National Academy Press. http://books.nap.edu/openbook.php?record_id=10763&page=R1.
36. Rice, D.C. 2000. Parallels between attention deficit hyperactivity disorder and behavioral deficits produced by neurotoxic exposure in monkeys. *Environmental Health Perspectives* 108 Suppl 3:405-8.
37. Heilmann, C., P. Grandjean, P. Weihe, F. Nielsen, and E. Budtz-Jorgensen. 2006. Reduced antibody responses to vaccinations in children exposed to polychlorinated biphenyls. *PLoS Medicine* 3 (8):e311.
38. Dallaire, F., E. Dewailly, G. Muckle, C. Vezina, S.W. Jacobson, J.L. Jacobson, and P. Ayotte. 2004. Acute infections and environmental exposure to organochlorines in Inuit infants from Nunavik. *Environmental Health Perspectives* 112 (14):1359-65.
39. Dallaire, F., E. Dewailly, C. Vezina, G. Muckle, J.P. Weber, S. Bruneau, and P. Ayotte. 2006. Effect of prenatal exposure to polychlorinated biphenyls on incidence of acute respiratory infections in preschool Inuit children. *Environmental Health Perspectives* 114 (8):1301-5.
40. Weisglas-Kuperus, N., S. Patandin, G.A. Berbers, T.C. Sas, P.G. Mulder, P.J. Sauer, and H. Hooijkaas. 2000. Immunologic effects of background exposure to polychlorinated biphenyls and dioxins in Dutch preschool children. *Environmental Health Perspectives* 108 (12):1203-7.
41. Weisglas-Kuperus, N., H.J. Vreugdenhil, and P.G. Mulder. 2004. Immunological effects of environmental exposure to polychlorinated biphenyls and dioxins in Dutch school children. *Toxicology Letters* 149 (1-3):281-5.
42. Park, H., I. Hertz-Picciotto, J. Petrik, L. Palkovicova, A. Kocan, and T. Trnovec. 2008. Prenatal PCB exposure and thymus size at birth in neonates in eastern Slovakia. *Environmental Health Perspectives* 116:104-109.
43. Selgrade, M.K. 2007. Immunotoxicity: the risk is real. *Toxicological Sciences* 100 (2):328-32.
44. Buck Louis, G.M., L.E. Gray, Jr., M. Marcus, S.R. Ojeda, O.H. Pescovitz, S.F. Witchel, W. Sippell, D.H. Abbott, A. Soto, R.W. Tyl, et al. 2008. Environmental factors and puberty timing: expert panel research needs. *Pediatrics* 121 Suppl 3:S192-207.
45. National Toxicology Program. 2011. *Report on Carcinogens, 12th Edition*. Research Triangle Park, NC: U.S. Department of Health and Human Services, National Toxicology Program. <http://ntp.niehs.nih.gov/ntp/roc/twelfth/roc12.pdf>.
46. Centers for Disease Control and Prevention. 2009. *Fourth National Report on Human Exposure to Environmental Chemicals*. Atlanta, GA: CDC. <http://www.cdc.gov/exposurereport/>.

Polychlorinated Biphenyls (PCBs) (continued)

47. Windham, G.C., S.M. Pinney, A. Sjodin, R. Lum, R.S. Jones, L.L. Needham, F.M. Biro, R.A. Hiatt, and L.H. Kushi. 2010. Body burdens of brominated flame retardants and other persistent organo-halogenated compounds and their descriptors in US girls. *Environmental Research* 110 (3):251-7.
48. Schechter, A., J. Colacino, D. Haffner, K. Patel, M. Opel, O. Papke, and L. Birnbaum. 2010. Perfluorinated compounds, polychlorinated biphenyls, and organochlorine pesticide contamination in composite food samples from Dallas, Texas, USA. *Environmental Health Perspectives* 118 (6):796-802.
49. Hooper, K., J. She, M. Sharp, J. Chow, N. Jewell, R. Gephart, and A. Holden. 2007. Depuration of polybrominated diphenyl ethers (PBDEs) and polychlorinated biphenyls (PCBs) in breast milk from California first-time mothers (primiparae). *Environmental Health Perspectives* 115 (9):1271-5.
50. Herbstman, J.B., A. Sjodin, B.J. Apelberg, F.R. Witter, D.G. Patterson, R.U. Halden, R.S. Jones, A. Park, Y. Zhang, J. Heidler, et al. 2007. Determinants of prenatal exposure to polychlorinated biphenyls (PCBs) and polybrominated diphenyl ethers (PBDEs) in an urban population. *Environmental Health Perspectives* 115 (12):1794-800.
51. Harrad, S., C. Ibarra, M. Robson, L. Melymuk, X. Zhang, M. Diamond, and J. Douwes. 2009. Polychlorinated biphenyls in domestic dust from Canada, New Zealand, United Kingdom and United States: implications for human exposure. *Chemosphere* 76 (2):232-8.
52. Rudel, R.A., D.E. Camann, J.D. Spengler, L.R. Korn, and J.G. Brody. 2003. Phthalates, alkylphenols, pesticides, polybrominated diphenyl ethers, and other endocrine-disrupting compounds in indoor air and dust. *Environmental Science and Technology* 37 (20):4543-53.
53. Rudel, R.A., L.M. Seryak, and J.G. Brody. 2008. PCB-containing wood floor finish is a likely source of elevated PCBs in residents' blood, household air and dust: a case study of exposure. *Environmental Health* 7:2.
54. Ward, M.H., J.S. Colt, C. Metayer, R.B. Gunier, J. Lubin, V. Crouse, M.G. Nishioka, P. Reynolds, and P.A. Buffler. 2009. Residential exposure to polychlorinated biphenyls and organochlorine pesticides and risk of childhood leukemia. *Environmental Health Perspectives* 117 (6):1007-13.
55. Herrick, R.F., M.D. McClean, J.D. Meeker, L.K. Baxter, and G.A. Weymouth. 2004. An unrecognized source of PCB contamination in schools and other buildings. *Environmental Health Perspectives* 112 (10):1051-3.
56. U.S. Environmental Protection Agency. 2011. *Healthy School Environmental Resources: PCBs*. Retrieved August 15, 2011 from http://cfpub.epa.gov/schools/top_sub.cfm?t_id=41&s_id=32.
57. U.S. Environmental Protection Agency. 2011. *Polychlorinated Biphenyls (PCBs): Proper Maintenance, Removal, and Disposal of PCB-containing Fluorescent Light Ballasts - A Guide for School Administrators and Maintenance Personnel*. Retrieved August 15, 2011 from <http://www.epa.gov/osw/hazard/tsd/pubs/pubs/ballasts.htm>.
58. Hu, D., and K.C. Hornbuckle. 2009. Inadvertent Polychlorinated Biphenyls in Commercial Paint Pigments. *Environmental Science and Technology* 44 (8):2822-2827.
59. Rodenburg, L.A., J. Guo, S. Du, and G.J. Cavallo. 2009. Evidence for Unique and Ubiquitous Environmental Sources of 3,3'-Dichlorobiphenyl (PCB 11). *Environmental Science and Technology* 44 (8):2816-2821.
60. Axelrad, D.A., S. Goodman, and T.J. Woodruff. 2009. PCB body burdens in US women of childbearing age 2001-2002: An evaluation of alternate summary metrics of NHANES data. *Environmental Research* 109 (4):368-78.
61. Patterson, D.G., Jr., L.Y. Wong, W.E. Turner, S.P. Caudill, E.S. Dipietro, P.C. McClure, T.P. Cash, J.D. Osterloh, J.L. Pirkle, E.J. Sampson, et al. 2009. Levels in the U.S. population of those persistent organic pollutants (2003-2004) included in the Stockholm Convention or in other long range transboundary air pollution agreements. *Environmental Science and Technology* 43 (4):1211-8.
62. Bogdal, C., P. Schmid, M. Zennegg, F.S. Anselmetti, M. Scheringer, and K. Hungerbuehler. 2009. Blast from the past: melting glaciers as a relevant source for persistent organic pollutants. *Environmental Science and Technology* 43 (21):8173-7.
63. Carrie, J., F. Wang, H. Sanei, R.W. Macdonald, P.M. Outridge, and G.A. Stern. 2010. Increasing Contaminant Burdens in an Arctic Fish, Burbot (*Lota lota*), in a Warming Climate. *Environmental Science and Technology* 44 (1):316-322.
64. U.S. Environmental Protection Agency. 2010. *EPA Technical Requirements for Phase 2 of Hudson River Dredging Project: Factsheet*. New York, NY. http://www.epa.gov/hudson/Hudson_Phase_2_Fact_Sheet.pdf.
65. U.S. Environmental Protection Agency. 2011. *Hudson River PCBs: Project background*. Retrieved August 15, 2011 from <http://www.epa.gov/hudson/>.
66. National Center for Health Statistics. *Vital Statistics Natality Birth Data*. Retrieved June 15, 2009 from http://www.cdc.gov/nchs/data_access/Vitalstatsonline.htm.
67. Axelrad, D.A., and J. Cohen. 2011. Calculating summary statistics for population chemical biomonitoring in women of childbearing age with adjustment for age-specific natality. *Environmental Research* 111 (1):149-155.

Polybrominated Diphenyl Ethers (PBDEs)

1. U.S. Environmental Protection Agency. 2010. *An Exposure Assessment of Polybrominated Diphenyl Ethers*. Washington, DC: U.S. EPA, National Center for Environmental Assessment. EPA/600/R-08/086F. <http://cfpub.epa.gov/ncea/cfm/recordisplay.cfm?deid=210404>.
2. U.S. Environmental Protection Agency. 2010. *DecaBDE Phase-out Initiative*. U.S. Environmental Protection Agency. Retrieved February 26, 2010 from <http://www.epa.gov/oppt/existingchemicals/pubs/actionplans/deccadbe.html>.
3. U.S. Environmental Protection Agency. *Environmental Profiles of Chemical Flame-Retardant Alternatives for Low-Density Polyurethane Foam*. U.S. EPA, Design for the Environment. Retrieved November 3, 2010 from <http://www.epa.gov/opptintr/dfe/pubs/flameret/ffr-alt.htm>.
4. U.S. Environmental Protection Agency. *Polybrominated Diphenyl Ethers (PBDEs) Action Plan Summary*. U.S. EPA, Office of Pollution Prevention and Toxics. Retrieved November 3, 2010 from <http://www.epa.gov/oppt/existingchemicals/pubs/actionplans/pbde.html>.
5. Fraser, A.J., T.F. Webster, and M.D. McClean. 2009. Diet contributes significantly to the body burden of PBDEs in the general U.S. population. *Environmental Health Perspectives* 117 (10):1520-5.
6. Johnson-Restrepo, B., and K. Kannan. 2009. An assessment of sources and pathways of human exposure to polybrominated diphenyl ethers in the United States. *Chemosphere* 76 (4):542-8.
7. Lorber, M. 2008. Exposure of Americans to polybrominated diphenyl ethers. *Journal of Exposure Science and Environmental Epidemiology* 18 (1):2-19.
8. Schecter, A., O. Papke, T.R. Harris, K.C. Tung, A. Musumba, J. Olson, and L. Birnbaum. 2006. Polybrominated diphenyl ether (PBDE) levels in an expanded market basket survey of U.S. food and estimated PBDE dietary intake by age and sex. *Environmental Health Perspectives* 114 (10):1515-20.
9. Stapleton, H.M., S.M. Kelly, J.G. Allen, M.D. McClean, and T.F. Webster. 2008. Measurement of polybrominated diphenyl ethers on hand wipes: estimating exposure from hand-to-mouth contact. *Environmental Science and Technology* 42 (9):3329-34.
10. Wei, H., M. Turyk, S. Cali, S. Dorevitch, S. Erdal, and A. Li. 2009. Particle size fractionation and human exposure of polybrominated diphenyl ethers in indoor dust from Chicago. *Journal of Environmental Science and Health, Part A: Toxic/Hazardous Substances and Environmental Engineering* 44 (13):1353-61.
11. Wu, N., T. Herrmann, O. Paepke, J. Tickner, R. Hale, L.E. Harvey, M. La Guardia, M.D. McClean, and T.F. Webster. 2007. Human exposure to PBDEs: associations of PBDE body burdens with food consumption and house dust concentrations. *Environmental Science and Technology* 41 (5):1584-9.
12. Frederiksen, M., K. Vorkamp, M. Thomsen, and L.E. Knudsen. 2009. Human internal and external exposure to PBDEs--a review of levels and sources. *International Journal of Hygiene and Environmental Health* 212 (2):109-34.
13. Rose, M., D.H. Bennett, A. Bergman, B. Fangstrom, I.N. Pessah, and I. Hertz-Picciotto. 2010. PBDEs in 2-5 year-old children from California and associations with diet and indoor environment. *Environmental Science and Technology* 44 (7):2648-53.
14. Sjodin, A., O. Papke, E. McGahee, J.F. Focant, R.S. Jones, T. Pless-Mulloji, L.M. Toms, T. Herrmann, J. Muller, L.L. Needham, et al. 2008. Concentration of polybrominated diphenyl ethers (PBDEs) in household dust from various countries. *Chemosphere* 73 (1 Suppl):S131-6.
15. Zota, A.R., R.A. Rudel, R.A. Morello-Frosch, and J.G. Brody. 2008. Elevated house dust and serum concentrations of PBDEs in California: unintended consequences of furniture flammability standards? *Environmental Science and Technology* 42 (21):8158-64.
16. Imm, P., L. Knobeloch, C. Buelow, and H.A. Anderson. 2009. Household exposures to polybrominated diphenyl ethers (PBDEs) in a Wisconsin Cohort. *Environmental Health Perspectives* 117 (12):1890-5.
17. Huwe, J.K., and G.L. Larsen. 2005. Polychlorinated dioxins, furans, and biphenyls, and polybrominated diphenyl ethers in a U.S. meat market basket and estimates of dietary intake. *Environmental Science and Technology* 39 (15):5606-11.
18. Schecter, A., D. Haffner, J. Colacino, K. Patel, O. Papke, M. Opel, and L. Birnbaum. 2010. Polybrominated diphenyl ethers (PBDEs) and hexabromocyclodecane (HBCD) in composite U.S. food samples. *Environmental Health Perspectives* 118 (3):357-62.
19. Yogui, G.T., and J.L. Sericano. 2009. Polybrominated diphenyl ether flame retardants in the U.S. marine environment: a review. *Environment International* 35 (3):655-66.
20. Schecter, A., J. Colacino, K. Patel, K. Kannan, S.H. Yun, D. Haffner, T.R. Harris, and L. Birnbaum. 2010. Polybrominated diphenyl ether levels in foodstuffs collected from three locations from the United States. *Toxicology and Applied Pharmacology* 243 (2):217-24.
21. Harrad, S., S. Hazrati, and C. Ibarra. 2006. Concentrations of polychlorinated biphenyls in indoor air and polybrominated diphenyl ethers in indoor air and dust in Birmingham, United Kingdom: implications for human exposure. *Environmental Science and Technology* 40 (15):4633-8.
22. Jones-Otazo, H.A., J.P. Clarke, M.L. Diamond, J.A. Archbold, G. Ferguson, T. Harner, G.M. Richardson, J.J. Ryan, and B. Wilford. 2005. Is house dust the missing exposure pathway for PBDEs? An analysis of the urban fate and human exposure to PBDEs. *Environmental Science and Technology* 39 (14):5121-30.

Polybrominated Diphenyl Ethers (PBDEs) (continued)

23. Schecter, A., O. Papke, K.C. Tung, J. Joseph, T.R. Harris, and J. Dahlgren. 2005. Polybrominated diphenyl ether flame retardants in the U.S. population: current levels, temporal trends, and comparison with dioxins, dibenzofurans, and polychlorinated biphenyls. *Journal of Occupational and Environmental Medicine* 47 (3):199-211.
24. Sjodin, A., R.S. Jones, J.F. Focant, C. Lapeza, R.Y. Wang, E.E. McGahee, 3rd, Y. Zhang, W.E. Turner, B. Slazyk, L.L. Needham, et al. 2004. Retrospective time-trend study of polybrominated diphenyl ether and polybrominated and polychlorinated biphenyl levels in human serum from the United States. *Environmental Health Perspectives* 112 (6):654-8.
25. Dassanayake, R.M., H. Wei, R.C. Chen, and A. Li. 2009. Optimization of the matrix solid phase dispersion extraction procedure for the analysis of polybrominated diphenyl ethers in human placenta. *Analytical Chemistry* 81 (23):9795-801.
26. Herbstman, J.B., A. Sjodin, B.J. Apelberg, F.R. Witter, R.U. Halden, D.G. Patterson, S.R. Panny, L.L. Needham, and L.R. Goldman. 2008. Birth delivery mode modifies the associations between prenatal polychlorinated biphenyl (PCB) and polybrominated diphenyl ether (PBDE) and neonatal thyroid hormone levels. *Environmental Health Perspectives* 116 (10):1376-82.
27. Mazdai, A., N.G. Dodder, M.P. Abernathy, R.A. Hites, and R.M. Bigsby. 2003. Polybrominated diphenyl ethers in maternal and fetal blood samples. *Environmental Health Perspectives* 111 (9):1249-52.
28. Daniels, J.L., I.J. Pan, R. Jones, S. Anderson, D.G. Patterson, L.L. Needham, and A. Sjodin. 2010. Individual characteristics associated with PBDE levels in U.S. human milk samples. *Environmental Health Perspectives* 118 (1):155-60.
29. Hooper, K., J. She, M. Sharp, J. Chow, N. Jewell, R. Gephart, and A. Holden. 2007. Depuration of polybrominated diphenyl ethers (PBDEs) and polychlorinated biphenyls (PCBs) in breast milk from California first-time mothers (primiparae). *Environmental Health Perspectives* 115 (9):1271-5.
30. Schecter, A., J. Colacino, A. Sjodin, L. Needham, and L. Birnbaum. 2010. Partitioning of polybrominated diphenyl ethers (PBDEs) in serum and milk from the same mothers. *Chemosphere* 78 (10):1279-84.
31. She, J., A. Holden, M. Sharp, M. Tanner, C. Williams-Derry, and K. Hooper. 2007. Polybrominated diphenyl ethers (PBDEs) and polychlorinated biphenyls (PCBs) in breast milk from the Pacific Northwest. *Chemosphere* 67 (9):S307-17.
32. Toms, L.M., A. Sjodin, F. Harden, P. Hobson, R. Jones, E. Edenfield, and J.F. Mueller. 2009. Serum polybrominated diphenyl ether (PBDE) levels are higher in children (2-5 years of age) than in infants and adults. *Environmental Health Perspectives* 117 (9):1461-5.
33. Lunder, S., L. Hovander, I. Athanassiadis, and A. Bergman. 2010. Significantly higher polybrominated diphenyl ether levels in young U.S. children than in their mothers. *Environmental Science and Technology* 44 (13):5256-62.
34. Eskenazi, B., L. Fenster, R. Castorina, A.R. Marks, A. Sjödin, L.G. Rosas, N. Holland, A.G. Guerra, L. López-Carrillo, and A. Bradman. 2011. A comparison of PBDE serum concentrations in Mexican and Mexican-American children living in California. *Environmental Health Perspectives* 119 (10):1442-8.
35. Allen, J.G., M.D. McClean, H.M. Stapleton, and T.F. Webster. 2008. Linking PBDEs in house dust to consumer products using X-ray fluorescence. *Environmental Science and Technology* 42 (11):4222-8.
36. U.S. Environmental Protection Agency. 2008. *Child-Specific Exposure Factors Handbook (Final Report)* Washington, DC: U.S. EPA. National Center for Environmental Assessment. EPA/600/R-06/096. <http://cfpub.epa.gov/ncea/cfm/recorddisplay.cfm?deid=199243>.
37. Costa, L.G., G. Giordano, S. Tagliaferri, A. Caglieri, and A. Mutti. 2008. Polybrominated diphenyl ether (PBDE) flame retardants: environmental contamination, human body burden and potential adverse health effects. *Acta Biomed* 79 (3):172-83.
38. Gee, J.R., and V.C. Moser. 2008. Acute postnatal exposure to brominated diphenylether 47 delays neuromotor ontogeny and alters motor activity in mice. *Neurotoxicology and Teratology* 30 (2):79-87.
39. Rice, D.C., E.A. Reeve, A. Herlihy, R.T. Zoeller, W.D. Thompson, and V.P. Markowski. 2007. Developmental delays and locomotor activity in the C57BL6/J mouse following neonatal exposure to the fully-brominated PBDE, decabromodiphenyl ether. *Neurotoxicology and Teratology* 29 (4):511-20.
40. Herbstman, J.B., A. Sjodin, M. Kurzon, S.A. Lederman, R.S. Jones, V. Rauh, L.L. Needham, D. Tang, M. Niedzwiecki, R.Y. Wang, et al. 2010. Prenatal exposure to PBDEs and neurodevelopment. *Environmental Health Perspectives* 118 (5):712-719.
41. Roze, E., L. Meijer, A. Bakker, K.N. Van Braeckel, P.J. Sauer, and A.F. Bos. 2009. Prenatal exposure to organohalogens, including brominated flame retardants, influences motor, cognitive, and behavioral performance at school age. *Environmental Health Perspectives* 117 (12):1953-8.
42. Diamanti-Kandarakis, E., J.P. Bourguignon, L.C. Giudice, R. Hauser, G.S. Prins, A.M. Soto, R.T. Zoeller, and A.C. Gore. 2009. Endocrine-disrupting chemicals: an Endocrine Society scientific statement. *Endocrine Reviews* 30 (4):293-342.
43. Kavlock, R.J., G.P. Daston, C. DeRosa, P. Fenner-Crisp, L.E. Gray, S. Kaattari, G. Lucier, M. Luster, M.J. Mac, C. Maczka, et al. 1996. Research needs for the risk assessment of health and environmental effects of endocrine disruptors: a report of the U.S. EPA-sponsored workshop. *Environmental Health Perspectives* 104 Suppl 4:715-40.

Polybrominated Diphenyl Ethers (PBDEs) (continued)

44. Chevrier, J., K.G. Harley, A. Bradman, M. Gharbi, A. Sjodin, and B. Eskenazi. 2010. Polybrominated diphenyl ether (PBDE) flame retardants and thyroid hormone during pregnancy. *Environmental Health Perspectives* 118 (10):1444-9.
45. Meeker, J.D., P.I. Johnson, D. Camann, and R. Hauser. 2009. Polybrominated diphenyl ether (PBDE) concentrations in house dust are related to hormone levels in men. *Science of the Total Environment* 407 (10):3425-9.
46. Turyk, M.E., V.W. Persky, P. Imm, L. Knobeloch, R. Chatterton, and H.A. Anderson. 2008. Hormone disruption by PBDEs in adult male sport fish consumers. *Environmental Health Perspectives* 116 (12):1635-41.
47. van der Ven, L.T., T. van de Kuil, A. Verhoef, P.E. Leonard, W. Slob, R.F. Canton, S. Germer, T. Hamers, T.J. Visser, S. Litens, et al. 2008. A 28-day oral dose toxicity study enhanced to detect endocrine effects of a purified technical pentabromodiphenyl ether (pentaBDE) mixture in Wistar rats. *Toxicology* 245 (1-2):109-22.
48. Morreale de Escobar, G., M.J. Obregon, and F. Escobar del Rey. 2000. Is neuropsychological development related to maternal hypothyroidism or to maternal hypothyroxinemia? *Journal of Clinical Endocrinology & Metabolism* 85 (11):3975-87.
49. Kuriyama, S.N., C.E. Talsness, K. Grote, and I. Chahoud. 2005. Developmental Exposure to Low Dose PBDE 99: 1--Effects on Male Fertility and Neurobehavior in Rat Offspring. *Environmental Health Perspectives* 113 (2):149-54.
50. Lilienthal, H., A. Hack, A. Roth-Harer, S.W. Grande, and C.E. Talsness. 2006. Effects of developmental exposure to 2,2,4,4,5-pentabromodiphenyl ether (PBDE-99) on sex steroids, sexual development, and sexually dimorphic behavior in rats. *Environmental Health Perspectives* 114 (2):194-201.
51. Stoker, T.E., R.L. Cooper, C.S. Lambright, V.S. Wilson, J. Furr, and L.E. Gray. 2005. In vivo and in vitro anti-androgenic effects of DE-71, a commercial polybrominated diphenyl ether (PBDE) mixture. *Toxicology and Applied Pharmacology* 207 (1):78-88.
52. Main, K.M., H. Kiviranta, H.E. Virtanen, E. Sundqvist, J.T. Tuomisto, J. Tuomisto, T. Vartiainen, N.E. Skakkebaek, and J. Toppari. 2007. Flame retardants in placenta and breast milk and cryptorchidism in newborn boys. *Environmental Health Perspectives* 115 (10):1519-26.
53. Sharpe, R. 2009. *Male Reproductive Health Disorders and the Potential Role of Environmental Chemical Exposures*. London, UK: CHEM Trust. <http://www.chemicalshealthmonitor.org/IMG/pdf/PROFSHARPE-MaleReproductiveHealth-CHEMTrust09.pdf>.
54. Skakkebaek, N.E., E. Rajpert-De Meyts, and K.M. Main. 2001. Testicular dysgenesis syndrome: an increasingly common developmental disorder with environmental aspects. *Human Reproduction* 16 (5):972-8.
55. Harley, K.G., A.R. Marks, J. Chevrier, A. Bradman, A. Sjodin, and B. Eskenazi. 2010. PBDE concentrations in women's serum and fecundability. *Environmental Health Perspectives* 118 (5):699-704.
56. Centers for Disease Control and Prevention. 2009. *Fourth National Report on Human Exposure to Environmental Chemicals*. Atlanta, GA: CDC. <http://www.cdc.gov/exposurereport/>.
57. National Center for Health Statistics. *Vital Statistics Natality Birth Data*. Retrieved June 15, 2009 from http://www.cdc.gov/nchs/data_access/Vitalstatsonline.htm.
58. Axelrad, D.A., and J. Cohen. 2011. Calculating summary statistics for population chemical biomonitoring in women of childbearing age with adjustment for age-specific natality. *Environmental Research* 111 (1):149-155.

Phthalates

1. U.S. Environmental Protection Agency. 2012. *Phthalates Action Plan*. Washington, DC: U.S. EPA. http://www.epa.gov/oppt/existingchemicals/pubs/actionplans/phthalates_actionplan_revised_2012-03-14.pdf.
2. Thornton, J. 2000. *Pandora's Poison: Chlorine, Health, and a New Environmental Strategy*. Cambridge, Massachusetts: MIT Press.
3. Center for Health Environment and Justice, and The Environmental Health Strategy Center. 2004. *PVC: Bad News Comes in 3s*. Falls Church, VA and Portland, ME: Center for Health, Environment, and Justice; The Environmental Health Strategy Center.
4. National Research Council. 2008. *Phthalates and Cumulative Risk Assessment: The Tasks Ahead*. Washington, DC: The National Academies Press. <http://www.nap.edu/catalog/12528.html>.
5. Agency for Toxic Substances and Disease Registry (ATSDR). 1995. *Toxicological Profile for Diethyl Phthalate*. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service. <http://www.atsdr.cdc.gov/toxprofiles/tp73.pdf>.
6. Agency for Toxic Substances and Disease Registry (ATSDR). 1997. *Toxicological Profile for Di-n-octylphthalate (DNOP)*. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service. <http://www.atsdr.cdc.gov/toxprofiles/tp95.pdf>.
7. Agency for Toxic Substances and Disease Registry (ATSDR). 2001. *Toxicological Profile for Di-n-butyl Phthalate. Update*. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service. <http://www.atsdr.cdc.gov/toxprofiles/tp135.pdf>.
8. Agency for Toxic Substances and Disease Registry (ATSDR). 2002. *Toxicological Profile for Di(2-ethylhexyl)phthalate (DEHP)*. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service. <http://www.atsdr.cdc.gov/toxprofiles/tp9.pdf>.

Phthalates (continued)

9. Nassberger, L., A. Arbin, and J. Ostelius. 1987. Exposure of patients to phthalates from polyvinyl chloride tubes and bags during dialysis. *Nephron* 45 (4):286-90.
10. Sathyanarayana, S. 2008. Phthalates and children's health. *Current Problems in Pediatric and Adolescent Health Care* 38 (2):34-49.
11. Duty, S.M., R.M. Ackerman, A.M. Calafat, and R. Hauser. 2005. Personal care product use predicts urinary concentrations of some phthalate monoesters. *Environmental Health Perspectives* 113 (11):1530-5.
12. Kwapniewski, R., S. Kozaczka, R. Hauser, M.J. Silva, A.M. Calafat, and S.M. Duty. 2008. Occupational exposure to dibutyl phthalate among manicurists. *Journal of Occupational and Environmental Medicine* 50 (6):705-11.
13. Biron, M. 2009. *Phthalate ousting: Not so easy but some alternatives are viable*. SpecialChem. Retrieved August 11, 2011 from <http://www.specialchem4polymers.com/resources/print.aspx?id=3980>.
14. Lowell Center for Sustainable Production. 2011. *Phthalates and Their alternatives: Health and Environmental Concerns*. Lowell, MA: University of Massachusetts Lowell. <http://www.sustainableproduction.org/downloads/PhthalateAlternatives-January2011.pdf>.
15. Scientific Committee on Emerging and Newly Identified Health Risks. 2007. *Preliminary Report on the Safety of Medical Devices Containing DEHP-plasticized PVC or Other Plasticizers on Neonates and Other Groups Possibly at Risk*. Brussels, Belgium: European Commission. http://ec.europa.eu/health/ph_risk/committees/04_scenihp/docs/scenihp_o_008.pdf.
16. Calafat, A.M., and R.H. McKee. 2006. Integrating biomonitoring exposure data into the risk assessment process: phthalates [diethyl phthalate and di(2-ethylhexyl) phthalate] as a case study. *Environmental Health Perspectives* 114 (11):1783-9.
17. Clark, K., I.T. Cousins, and D. Mackay. 2003. Assessment of critical exposure pathways. In *The Handbook of Environmental Chemistry*. New York, NY: Springer.
18. Colacino, J.A., T.R. Harris, and A. Schecter. 2010. Dietary intake is associated with phthalate body burden in a nationally representative sample. *Environmental Health Perspectives* 118 (7):998-1003.
19. Wine, R.N., L.H. Li, L.H. Barnes, D.K. Gulati, and R.E. Chapin. 1997. Reproductive toxicity of di-n-butylphthalate in a continuous breeding protocol in Sprague-Dawley rats. *Environmental Health Perspectives* 105 (1):102-7.
20. Otake, T., J. Yoshinaga, and Y. Yanagisawa. 2004. Exposure to phthalate esters from indoor environment. *Journal of Exposure Analysis and Environmental Epidemiology* 14 (7):524-8.
21. Mortensen, G.K., K.M. Main, A.M. Andersson, H. Leffers, and N.E. Skakkebaek. 2005. Determination of phthalate monoesters in human milk, consumer milk, and infant formula by tandem mass spectrometry (LC-MS-MS). *Anal Bioanal Chem* 382 (4):1084-92.
22. U.S. Environmental Protection Agency. 2008. *Child-specific Exposure Factors Handbook (Final Report)*. Washington, DC: U.S. Environmental Protection Agency. EPA/600/R-06/096F. <http://cfpub.epa.gov/ncea/cfm/recorddisplay.cfm?deid=199243>.
23. Just, A.C., J.J. Adibi, A.G. Rundle, A.M. Calafat, D.E. Camann, R. Hauser, M.J. Silva, and R.M. Whyatt. 2010. Urinary and air phthalate concentrations and self-reported use of personal care products among minority pregnant women in New York city. *Journal of Exposure Science & Environmental Epidemiology* 20 (7):625-33.
24. Romero-Franco, M., R.U. Hernandez-Ramirez, A.M. Calafat, M.E. Cebrian, L.L. Needham, S. Teitelbaum, M.S. Wolff, and L. Lopez-Carrillo. 2011. Personal care product use and urinary levels of phthalate metabolites in Mexican women. *Environment International* 37 (5):867-71.
25. Calafat, A.M., L.L. Needham, M.J. Silva, and G. Lambert. 2004. Exposure to di-(2-ethylhexyl) phthalate among premature neonates in a neonatal intensive care unit. *Pediatrics* 113 (5):e429-34.
26. Green, R., R. Hauser, A.M. Calafat, J. Weuve, T. Schettler, S. Ringer, K. Huttner, and H. Hu. 2005. Use of di(2-ethylhexyl) phthalate-containing medical products and urinary levels of mono(2-ethylhexyl) phthalate in neonatal intensive care unit infants. *Environmental Health Perspectives* 113 (9):1222-5.
27. Weuve, J., B.N. Sanchez, A.M. Calafat, T. Schettler, R.A. Green, H. Hu, and R. Hauser. 2006. Exposure to phthalates in neonatal intensive care unit infants: urinary concentrations of monoesters and oxidative metabolites. *Environmental Health Perspectives* 114 (9):1424-31.
28. Silva, M.J., D.B. Barr, J.A. Reidy, N.A. Malek, C.C. Hodge, S.P. Caudill, J.W. Brock, L.L. Needham, and A.M. Calafat. 2004. Urinary levels of seven phthalate metabolites in the U.S. population from the National Health and Nutrition Examination Survey (NHANES) 1999-2000. *Environmental Health Perspectives* 112 (3):331-8.
29. Becker, K., M. Seiwert, J. Angerer, W. Heger, H.M. Koch, R. Nagorka, E. Rosskamp, C. Schluter, B. Seifert, and D. Ullrich. 2004. DEHP metabolites in urine of children and DEHP in house dust. *International Journal of Hygiene and Environmental Health* 207 (5):409-17.
30. Koch, H.M., H. Drexler, and J. Angerer. 2004. Internal exposure of nursery-school children and their parents and teachers to di(2-ethylhexyl)phthalate (DEHP). *International Journal of Hygiene and Environmental Health* 207 (1):15-22.
31. BKH Consulting Engineers. 2000. Annex 13: List of 146 substances with endocrine disruption classifications prepared in the Expert meeting. In *Towards the Establishment of a Priority List of Substances for Further Evaluation of their Role in Endocrine Disruption*. Delft: The Netherlands. http://ec.europa.eu/environment/docum/pdf/bkh_annex_13.pdf.

Phthalates (continued)

32. Diamanti-Kandarakis, E., J.P. Bourguignon, L.C. Giudice, R. Hauser, G.S. Prins, A.M. Soto, R.T. Zoeller, and A.C. Gore. 2009. Endocrine-disrupting chemicals: an Endocrine Society scientific statement. *Endocrine Reviews* 30 (4):293-342.
33. Gray, L.E., Jr., V.S. Wilson, T. Stoker, C. Lambright, J. Furr, N. Noriega, K. Howdeshell, G.T. Ankley, and L. Guillette. 2006. Adverse effects of environmental antiandrogens and androgens on reproductive development in mammals. *International Journal of Andrology* 29 (1):96-104; discussion 105-8.
34. Patisaul, H.B., and H.B. Adewale. 2009. Long-term effects of environmental endocrine disruptors on reproductive physiology and behavior. *Frontiers in Behavioral Neuroscience* 3:10.
35. Waring, R.H., and R.M. Harris. 2005. Endocrine disrupters: a human risk? *Molecular and Cellular Endocrinology* 244 (1-2):2-9.
36. Kavlock, R.J., G.P. Daston, C. DeRosa, P. Fenner-Crisp, L.E. Gray, S. Kaattari, G. Lucier, M. Luster, M.J. Mac, C. Maczka, et al. 1996. Research needs for the risk assessment of health and environmental effects of endocrine disruptors: a report of the U.S. EPA-sponsored workshop. *Environmental Health Perspectives* 104 Suppl 4:715-40.
37. Andrade, A.J., S.W. Grande, C.E. Talsness, K. Grote, A. Golombiewski, A. Sterner-Kock, and I. Chahoud. 2006. A dose-response study following in utero and lactational exposure to di-(2-ethylhexyl) phthalate (DEHP): effects on androgenic status, developmental landmarks and testicular histology in male offspring rats. *Toxicology* 225 (1):64-74.
38. Barlow, N.J., B.S. McIntyre, and P.M. Foster. 2004. Male reproductive tract lesions at 6, 12, and 18 months of age following in utero exposure to di(n-butyl) phthalate. *Toxicologic Pathology* 32 (1):79-90.
39. Christiansen, S., J. Boberg, M. Axelstad, M. Dalgaard, A.M. Vinggaard, S.B. Metzdorff, and U. Hass. 2010. Low-dose perinatal exposure to di(2-ethylhexyl) phthalate induces anti-androgenic effects in male rats. *Reproductive Toxicology* 30 (2):313-21.
40. Gray, L.E., Jr., J. Ostby, J. Furr, M. Price, D.N. Veeramachaneni, and L. Parks. 2000. Perinatal exposure to the phthalates DEHP, BBP, and DINP, but not DEP, DMP, or DOTP, alters sexual differentiation of the male rat. *Toxicological Sciences* 58 (2):350-65.
41. Howdeshell, K.L., V.S. Wilson, J. Furr, C.R. Lambright, C.V. Rider, C.R. Blystone, A.K. Hotchkiss, and L.E. Gray, Jr. 2008. A mixture of five phthalate esters inhibits fetal testicular testosterone production in the sprague-dawley rat in a cumulative, dose-additive manner. *Toxicological Sciences* 105 (1):153-65.
42. Lehmann, K.P., S. Phillips, M. Sar, P.M. Foster, and K.W. Gaido. 2004. Dose-dependent alterations in gene expression and testosterone synthesis in the fetal testes of male rats exposed to di (n-butyl) phthalate. *Toxicological Sciences* 81 (1):60-8.
43. Mylchreest, E., D.G. Wallace, R.C. Cattley, and P.M. Foster. 2000. Dose-dependent alterations in androgen-regulated male reproductive development in rats exposed to Di(n-butyl) phthalate during late gestation. *Toxicological Sciences* 55 (1):143-51.
44. Parks, L.G., J.S. Ostby, C.R. Lambright, B.D. Abbott, G.R. Klinefelter, N.J. Barlow, and L.E. Gray, Jr. 2000. The plasticizer diethylhexyl phthalate induces malformations by decreasing fetal testosterone synthesis during sexual differentiation in the male rat. *Toxicological Sciences* 58 (2):339-49.
45. Sharpe, R.M. 2008. "Additional" effects of phthalate mixtures on fetal testosterone production. *Toxicological Sciences* 105 (1):1-4.
46. Swan, S.H. 2008. Environmental phthalate exposure in relation to reproductive outcomes and other health endpoints in humans. *Environmental Research* 108 (2):177-84.
47. Swan, S.H., K.M. Main, F. Liu, S.L. Stewart, R.L. Kruse, A.M. Calafat, C.S. Mao, J.B. Redmon, C.L. Ternand, S. Sullivan, et al. 2005. Decrease in anogenital distance among male infants with prenatal phthalate exposure. *Environmental Health Perspectives* 113 (8):1056-61.
48. Macleod, D.J., R.M. Sharpe, M. Welsh, M. Fiskens, H.M. Scott, G.R. Hutchison, A.J. Drake, and S. van den Driesche. 2010. Androgen action in the masculinization programming window and development of male reproductive organs. *International Journal of Andrology* 33 (2):279-87.
49. Scott, H.M., G.R. Hutchison, M.S. Jobling, C. McKinnell, A.J. Drake, and R.M. Sharpe. 2008. Relationship between androgen action in the "male programming window," fetal sertoli cell number, and adult testis size in the rat. *Endocrinology* 149 (10):5280-7.
50. Mendiola, J., R.W. Stahlhut, N. Jorgensen, F. Liu, and S.H. Swan. 2011. Shorter anogenital distance predicts poorer semen quality in young men in Rochester, New York. *Environmental Health Perspectives* 119 (7):958-63.
51. Main, K.M., G.K. Mortensen, M.M. Kaleva, K.A. Boisen, I.N. Damgaard, M. Chellakooty, I.M. Schmidt, A.M. Suomi, H.E. Virtanen, D.V. Petersen, et al. 2006. Human breast milk contamination with phthalates and alterations of endogenous reproductive hormones in infants three months of age. *Environmental Health Perspectives* 114 (2):270-6.
52. Engel, S.M., A. Miodovnik, R.L. Canfield, C. Zhu, M.J. Silva, A.M. Calafat, and M.S. Wolff. 2010. Prenatal phthalate exposure is associated with childhood behavior and executive functioning. *Environmental Health Perspectives* 118 (4):565-71.
53. Miodovnik, A., S.M. Engel, C. Zhu, X. Ye, L.V. Soorya, M.J. Silva, A.M. Calafat, and M.S. Wolff. 2011. Endocrine disruptors and childhood social impairment. *Neurotoxicology* 32 (2):261-7.

Phthalates (continued)

54. Cho, S.C., S.Y. Bhang, Y.C. Hong, M.S. Shin, B.N. Kim, J.W. Kim, H.J. Yoo, I.H. Cho, and H.W. Kim. 2010. Relationship between environmental phthalate exposure and the intelligence of school-age children. *Environmental Health Perspectives* 118 (7):1027-32.
55. Kim, B.N., S.C. Cho, Y. Kim, M.S. Shin, H.J. Yoo, J.W. Kim, Y.H. Yang, H.W. Kim, S.Y. Bhang, and Y.C. Hong. 2009. Phthalates exposure and attention-deficit/hyperactivity disorder in school-age children. *Biological Psychiatry* 66 (10):958-63.
56. Latini, G., C. De Felice, G. Presta, A. Del Vecchio, I. Paris, F. Ruggieri, and P. Mazzeo. 2003. In utero exposure to di-(2-ethylhexyl)phthalate and duration of human pregnancy. *Environmental Health Perspectives* 111 (14):1783-5.
57. Meeker, J.D., H. Hu, D.E. Cantonwine, H. Lamadrid-Figueroa, A.M. Calafat, A.S. Ettinger, M. Hernandez-Avila, R. Loch-Caruso, and M.M. Téllez-Rojo. 2009. Urinary phthalate metabolites in relation to preterm birth in Mexico City. *Environmental Health Perspectives* 117 (10):1587-92.
58. Whyatt, R.M., J.J. Adibi, A.M. Calafat, D.E. Camann, V. Rauh, H.K. Bhat, F.P. Perera, H. Andrews, A.C. Just, L. Hoepner, et al. 2009. Prenatal Di(2-ethylhexyl) phthalate exposure and length of gestation among an inner-city cohort. *Pediatrics* 124 (6):e1213-20.
59. Zhang, Y., L. Lin, Y. Cao, B. Chen, L. Zheng, and R.S. Ge. 2009. Phthalate levels and low birth weight: a nested case-control study of Chinese newborns. *The Journal of Pediatrics* 155 (4):500-4.
60. Adibi, J.J., R. Hauser, P.L. Williams, R.M. Whyatt, A.M. Calafat, H. Nelson, R. Herrick, and S.H. Swan. 2009. Maternal urinary metabolites of Di-(2-Ethylhexyl) phthalate in relation to the timing of labor in a US multicenter pregnancy cohort study. *American Journal of Epidemiology* 169 (8):1015-24.
61. Jaakkola, J.J., and T.L. Knight. 2008. The role of exposure to phthalates from polyvinyl chloride products in the development of asthma and allergies: a systematic review and meta-analysis. *Environmental Health Perspectives* 116 (7):845-53.
62. Bornehag, C.G., J. Sundell, C.J. Weschler, T. Sigsgaard, B. Lundgren, M. Hasselgren, and L. Hagerhed-Engman. 2004. The association between asthma and allergic symptoms in children and phthalates in house dust: a nested case-control study. *Environmental Health Perspectives* 112 (14):1393-7.
63. Jaakkola, J.J., L. Oie, P. Nafstad, G. Botten, S.O. Samuelsen, and P. Magnus. 1999. Interior surface materials in the home and the development of bronchial obstruction in young children in Oslo, Norway. *American Journal of Public Health* 89 (2):188-92.
64. National Toxicology Program. 2006. NTP-CERHR Monograph on the Potential Human Reproductive and Developmental Effects of Di(2-Ethylhexyl) Phthalate (DEHP), edited by U.S. Department of Health and Human Services. Research Triangle Park, NC: NIH.
65. National Toxicology Program. 2003. *NTP-CERHR Monograph on the Potential Human Reproductive and Developmental Effects of Di-n-Butyl Phthalate (DBP)*. Research Triangle Park, NC: National Institute of Environmental Health Sciences, National Toxicology Program. http://ntp.niehs.nih.gov/ntp/ohat/phthalates/dbp/DBP_Monograph_Final.pdf.
66. Koch, H.M., R. Preuss, H. Drexler, and J. Angerer. 2005. Exposure of nursery school children and their parents and teachers to di-n-butylphthalate and butylbenzylphthalate. *International Archives of Occupational and Environmental Health* 78 (3):223-9.
67. National Toxicology Program. 2003. *NTP-CERHR Monograph on the Potential Human Reproductive and Developmental Effects of Butyl Benzyl Phthalate (BBP)*. Research Triangle Park, NC: National Institute of Environmental Health Sciences, National Toxicology Program. http://ntp.niehs.nih.gov/ntp/ohat/phthalates/bb-phthalate/BBP_Monograph_Final.pdf.
68. Huang, P.C., P.L. Kuo, Y.L. Guo, P.C. Liao, and C.C. Lee. 2007. Associations between urinary phthalate monoesters and thyroid hormones in pregnant women. *Human Reproduction* 22 (10):2715-22.
69. Centers for Disease Control and Prevention. 2009. *Fourth National Report on Human Exposure to Environmental Chemicals*. Atlanta, GA: CDC. <http://www.cdc.gov/exposurereport/>.
70. Albro, P.W., and S.R. Lavenhar. 1989. Metabolism of di(2-ethylhexyl)phthalate. *Drug Metabolism Reviews* 21 (1):13-34.
71. Anderson, W.A., L. Castle, M.J. Scotter, R.C. Massey, and C. Springall. 2001. A biomarker approach to measuring human dietary exposure to certain phthalate diesters. *Food Additives and Contaminants* 18 (12):1068-74.
72. Hauser, R., and A.M. Calafat. 2005. Phthalates and human health. *Occupational and Environmental Medicine* 62 (11):806-18.
73. Herr, C., A. zur Nieden, H.M. Koch, H.C. Schuppe, C. Fieber, J. Angerer, T. Eikmann, and N.I. Stilianakis. 2009. Urinary di(2-ethylhexyl)phthalate (DEHP)--metabolites and male human markers of reproductive function. *International Journal of Hygiene and Environmental Health* 212 (6):648-53.
74. Koch, H.M., R. Preuss, and J. Angerer. 2006. Di(2-ethylhexyl)phthalate (DEHP): human metabolism and internal exposure--an update and latest results. *International Journal of Andrology* 29 (1):155-65; discussion 181-185.
75. Swan, S.H., F. Liu, M. Hines, R.L. Kruse, C. Wang, J.B. Redmon, A. Sparks, and B. Weiss. 2009. Prenatal phthalate exposure and reduced masculine play in boys. *International Journal of Andrology* 33 (2):259-69.
76. Ye, X., L.Y. Wong, A.M. Bishop, and A.M. Calafat. 2011. Variability of urinary concentrations of bisphenol a in spot samples, first morning voids, and 24-hour collections. *Environmental Health Perspectives* 119 (7):983-8.

Phthalates (continued)

77. Mendez, W., E. Dederick, and J. Cohen. 2010. Drinking water contribution to aggregate perchlorate intake of reproductive-age women in the United States estimated by dietary intake simulation and analysis of urinary excretion data. *Journal of Exposure Science and Environmental Epidemiology* 20 (3):288-97.
78. Preau, J.L., Jr., L.Y. Wong, M.J. Silva, L.L. Needham, and A.M. Calafat. 2010. Variability over 1 week in the urinary concentrations of metabolites of diethyl phthalate and di(2-ethylhexyl) phthalate among eight adults: an observational study. *Environmental Health Perspectives* 118 (12):1748-54.
79. Jackson, S. 1966. Creatinine in urine as an index of urinary excretion rate. *Health Physics* 12 (6):843-50.
80. Barr, D.B., L.C. Wilder, S.P. Caudill, A.J. Gonzalez, L.L. Needham, and J.L. Pirkle. 2005. Urinary creatinine concentrations in the U.S. population: implications for urinary biologic monitoring measurements. *Environmental Health Perspectives* 113 (2):192-200.
81. Boeniger, M.F., L.K. Lowry, and J. Rosenberg. 1993. Interpretation of urine results used to assess chemical exposure with emphasis on creatinine adjustments: a review. *American Industrial Hygiene Association Journal* 54 (10):615-27.
82. National Center for Health Statistics. *Vital Statistics Natality Birth Data*. Retrieved June 15, 2009 from http://www.cdc.gov/nchs/data_access/Vitalstatsonline.htm.
83. Axelrad, D.A., and J. Cohen. 2011. Calculating summary statistics for population chemical biomonitoring in women of childbearing age with adjustment for age-specific natality. *Environmental Research* 111 (1):149-155.

Bisphenol A (BPA)

1. U.S. Food and Drug Administration. 2012. *Bisphenol A (BPA): Use in Food Contact Application*. U.S. Department of Health and Human Services, Food and Drug Administration. Retrieved June 26, 2012 from <http://www.fda.gov/NewsEvents/PublicHealthFocus/ucm064437.htm>.
2. U.S. Food and Drug Administration. 2009. *Summary of Bisphenol A Biomonitoring Studies*. Washington, DC: U.S. Department of Health and Human Services, Food and Drug Administration. Memorandum from V. Komolprasert, dated November 16, 2009. <http://www.regulations.gov/#!documentDetail;D=FDA-2010-N-0100-0010>.
3. National Toxicology Program. 2008. *NTP-CERHR Monograph on the Potential Human Reproductive and Developmental Effects of Bisphenol A*. Research Triangle Park, NC: National Institute of Environmental Health Sciences, National Toxicology Program. <http://ntp.niehs.nih.gov/ntp/ohat/bisphenol/bisphenol.pdf>.
4. Schecter, A., N. Malik, D. Haffner, S. Smith, T.R. Harris, O. Paepke, and L. Birnbaum. 2010. Bisphenol A (BPA) in U.S. food. *Environmental Science and Technology* 44 (24):9425-30.
5. Vandenberg, L.N., R. Hauser, M. Marcus, N. Olea, and W.V. Welshons. 2007. Human exposure to bisphenol A (BPA). *Reproductive Toxicology* 24 (2):139-77.
6. Le, H.H., E.M. Carlson, J.P. Chua, and S.M. Belcher. 2008. Bisphenol A is released from polycarbonate drinking bottles and mimics the neurotoxic actions of estrogen in developing cerebellar neurons. *Toxicology Letters* 176 (2):149-56.
7. Calafat, A.M., X. Ye, L.Y. Wong, J.A. Reidy, and L.L. Needham. 2008. Exposure of the U.S. population to bisphenol A and 4-tertiary-octylphenol: 2003-2004. *Environmental Health Perspectives* 116 (1):39-44.
8. Völkel, W., T. Colnot, G.A. Csanady, J.G. Filser, and W. Dekant. 2002. Metabolism and kinetics of bisphenol a in humans at low doses following oral administration. *Chemical Research in Toxicology* 15 (10):1281-7.
9. Diamanti-Kandarakis, E., J.P. Bourguignon, L.C. Giudice, R. Hauser, G.S. Prins, A.M. Soto, R.T. Zoeller, and A.C. Gore. 2009. Endocrine-disrupting chemicals: an Endocrine Society scientific statement. *Endocrine Reviews* 30 (4):293-342.
10. vom Saal, F.S., B.T. Akingbemi, S.M. Belcher, L.S. Birnbaum, D.A. Crain, M. Eriksen, F. Farabolini, L.J. Guillette, Jr., R. Hauser, J.J. Heindel, et al. 2007. Chapel Hill bisphenol A expert panel consensus statement: integration of mechanisms, effects in animals and potential to impact human health at current levels of exposure. *Reproductive Toxicology* 24 (2):131-8.
11. Kavlock, R.J., G.P. Daston, C. DeRosa, P. Fenner-Crisp, L.E. Gray, S. Kaattari, G. Lucier, M. Luster, M.J. Mac, C. Maczka, et al. 1996. Research needs for the risk assessment of health and environmental effects of endocrine disruptors: a report of the U.S. EPA-sponsored workshop. *Environmental Health Perspectives* 104 Suppl 4:715-40.
12. Kuiper, G.G., J.G. Lemmen, B. Carlsson, J.C. Corton, S.H. Safe, P.T. van der Saag, B. van der Burg, and J.A. Gustafsson. 1998. Interaction of estrogenic chemicals and phytoestrogens with estrogen receptor beta. *Endocrinology* 139 (10):4252-63.
13. Golub, M.S., K.L. Wu, F.L. Kaufman, L.H. Li, F. Moran-Messen, L. Zeise, G.V. Alexeff, and J.M. Donald. 2010. Bisphenol A: developmental toxicity from early prenatal exposure. *Birth Defects Research. Part B, Developmental and Reproductive Toxicology* 89 (6):441-66.
14. Welshons, W.V., K.A. Thayer, B.M. Judy, J.A. Taylor, E.M. Curran, and F.S. vom Saal. 2003. Large effects from small exposures. I. Mechanisms for endocrine-disrupting chemicals with estrogenic activity. *Environmental Health Perspectives* 111 (8):994-1006.

Bisphenol A (BPA) (continued)

15. Wetherill, Y.B., B.T. Akingbemi, J. Kanno, J.A. McLachlan, A. Nadal, C. Sonnenschein, C.S. Watson, R.T. Zoeller, and S.M. Belcher. 2007. In vitro molecular mechanisms of bisphenol A action. *Reproductive Toxicology* 24 (2):178-98.
16. Tyl, R.W., C.B. Myers, M.C. Marr, B.F. Thomas, A.R. Keimowitz, D.R. Brine, M.M. Veselica, P.A. Fail, T.Y. Chang, J.C. Seely, et al. 2002. Three-generation reproductive toxicity study of dietary bisphenol A in CD Sprague-Dawley rats. *Toxicological Sciences* 68 (1):121-46.
17. Tyl, R.W., C.B. Myers, M.C. Marr, C.S. Sloan, N.P. Castillo, M.M. Veselica, J.C. Seely, S.S. Dimond, J.P. Van Miller, R.N. Shiotsuka, et al. 2008. Two-generation reproductive toxicity study of dietary bisphenol A in CD-1 (Swiss) mice. *Toxicological Sciences* 104 (2):362-84.
18. Morrissey, R.E., J.D. George, C.J. Price, R.W. Tyl, M.C. Marr, and C.A. Kimmel. 1987. The developmental toxicity of bisphenol A in rats and mice. *Fundamental and Applied Toxicology* 8 (4):571-82.
19. Kim, J.C., H.C. Shin, S.W. Cha, W.S. Koh, M.K. Chung, and S.S. Han. 2001. Evaluation of developmental toxicity in rats exposed to the environmental estrogen bisphenol A during pregnancy. *Life Sciences* 69 (22):2611-25.
20. Alonso-Magdalena, P., S. Morimoto, C. Ripoll, E. Fuentes, and A. Nadal. 2006. The estrogenic effect of bisphenol A disrupts pancreatic beta-cell function in vivo and induces insulin resistance. *Environmental Health Perspectives* 114 (1):106-12.
21. Batista, T.M., P. Alonso-Magdalena, E. Vieira, M.E. Amaral, C.R. Cederroth, S. Nef, I. Quesada, E.M. Carneiro, and A. Nadal. 2012. Short-term treatment with bisphenol-A leads to metabolic abnormalities in adult male mice. *PLoS ONE* 7 (3):e33814.
22. Alonso-Magdalena, P., E. Vieira, S. Soriano, L. Menes, D. Burks, I. Quesada, and A. Nadal. 2010. Bisphenol A exposure during pregnancy disrupts glucose homeostasis in mothers and adult male offspring. *Environmental Health Perspectives* 118 (9):1243-50.
23. Ho, S.M., W.Y. Tang, J. Belmonte de Frausto, and G.S. Prins. 2006. Developmental exposure to estradiol and bisphenol A increases susceptibility to prostate carcinogenesis and epigenetically regulates phosphodiesterase type 4 variant 4. *Cancer Research* 66 (11):5624-5632.
24. Soto, A.M., L.N. Vandenberg, M.V. Maffini, and C. Sonnenschein. 2008. Does breast cancer start in the womb? *Basic & Clinical Pharmacology & Toxicology* 102 (2):125-33.
25. Weber Lozada, K., and R.A. Keri. 2011. Bisphenol A increases mammary cancer risk in two distinct mouse models of breast cancer. *Biology of Reproduction* 85 (3):490-7.
26. Beronius, A., C. Rudén, H. Håkansson, and A. Hanberg. 2010. Risk to all or none?: A comparative analysis of controversies in the health risk assessment of Bisphenol A. *Reproductive Toxicology* 29 (2):132-146.
27. Durando, M., L. Kass, J. Piva, C. Sonnenschein, A.M. Soto, E.H. Luque, and M. Munoz-de-Toro. 2007. Prenatal bisphenol A exposure induces preneoplastic lesions in the mammary gland in Wistar rats. *Environmental Health Perspectives* 115 (1):80-6.
28. Gioiosa, L., E. Fissore, G. Ghirardelli, S. Parmigiani, and P. Palanza. 2007. Developmental exposure to low-dose estrogenic endocrine disruptors alters sex differences in exploration and emotional responses in mice. *Hormones and Behavior* 52 (3):307-16.
29. Howdeshell, K.L., J. Furr, C.R. Lambright, V.S. Wilson, B.C. Ryan, and L.E. Gray, Jr. 2008. Gestational and lactational exposure to ethinyl estradiol, but not bisphenol A, decreases androgen-dependent reproductive organ weights and epididymal sperm abundance in the male long evans hooded rat. *Toxicological Sciences* 102 (2):371-82.
30. Howdeshell, K.L., A.K. Hotchkiss, K.A. Thayer, J.G. Vandenberg, and F.S. vom Saal. 1999. Exposure to bisphenol A advances puberty. *Nature* 401 (6755):763-4.
31. Miyagawa, K., M. Narita, H. Akama, and T. Suzuki. 2007. Memory impairment associated with a dysfunction of the hippocampal cholinergic system induced by prenatal and neonatal exposures to bisphenol-A. *Neuroscience Letters* 418 (3):236-41.
32. Palanza, P., L. Gioiosa, F.S. vom Saal, and S. Parmigiani. 2008. Effects of developmental exposure to bisphenol A on brain and behavior in mice. *Environmental Research* 108 (2):150-7.
33. Palanza, P.L., K.L. Howdeshell, S. Parmigiani, and F.S. vom Saal. 2002. Exposure to a low dose of bisphenol A during fetal life or in adulthood alters maternal behavior in mice. *Environmental Health Perspectives* 110 Suppl 3:415-22.
34. Sharpe, R.M. 2010. Is it time to end concerns over the estrogenic effects of bisphenol A? *Toxicological Sciences* 114 (1):1-4.
35. Vandenberg, L.N., M.V. Maffini, C. Sonnenschein, B.S. Rubin, and A.M. Soto. 2009. Bisphenol-A and the great divide: a review of controversies in the field of endocrine disruption. *Endocrine Reviews* 30 (1):75-95.
36. vom Saal, F.S., and C. Hughes. 2005. An extensive new literature concerning low-dose effects of bisphenol A shows the need for a new risk assessment. *Environmental Health Perspectives* 113 (8):926-33.
37. Clayton, E.M.R., M. Todd, J.B. Dowd, and A.E. Aiello. 2011. The impact of bisphenol A and triclosan on immune parameters in the U.S. population, NHANES 2003–2006. *Environmental Health Perspectives* 119 (3):390-396.
38. Lang, I.A., T.S. Galloway, A. Scarlett, W.E. Henley, M. Depledge, R.B. Wallace, and D. Melzer. 2008. Association of urinary bisphenol A concentration with medical disorders and laboratory abnormalities in adults. *Journal of the American Medical Association* 300 (11):1303-10.

Bisphenol A (BPA) (continued)

39. Melzer, D., N.E. Rice, C. Lewis, W.E. Henley, and T.S. Galloway. 2010. Association of Urinary Bisphenol A Concentration with Heart Disease: Evidence from NHANES 2003/06. *PLoS ONE* 5 (1):e8673.
40. Li, D., Z. Zhou, D. Qing, Y. He, T. Wu, M. Miao, J. Wang, X. Weng, J.R. Ferber, L.J. Herrinton, et al. 2010. Occupational exposure to bisphenol-A (BPA) and the risk of Self-Reported Male Sexual Dysfunction. *Human Reproduction* 25 (2):519-527.
41. Li, D.-K., Z. Zhou, M. Miao, Y. He, D. Qing, T. Wu, J. Wang, X. Weng, J. Ferber, L.J. Herrinton, et al. 2010. Relationship Between Urine Bisphenol-A Level and Declining Male Sexual Function. *Journal of Andrology* 31 (5):500-506.
42. Miao, M., W. Yuan, G. Zhu, X. He, and D.-K. Li. 2011. In utero exposure to bisphenol-A and its effect on birth weight of offspring. *Reproductive Toxicology* 32 (1):64-8.
43. Braun, J.M., K. Yolton, K.N. Dietrich, R. Hornung, X. Ye, A.M. Calafat, and B.P. Lanphear. 2009. Prenatal Bisphenol A Exposure and Early Childhood Behavior. *Environmental Health Perspectives* 117 (12):1945-1952.
44. Ishido, M., Y. Masuo, M. Kunitomo, S. Oka, and M. Morita. 2004. Bisphenol A causes hyperactivity in the rat concomitantly with impairment of tyrosine hydroxylase immunoreactivity. *Journal of Neuroscience Research* 76 (3):423-433.
45. Kawai, K., T. Nozaki, H. Nishikata, S. Aou, M. Takii, and C. Kubo. 2003. Aggressive behavior and serum testosterone concentration during the maturation process of male mice: The effects of fetal exposure to bisphenol A. *Environmental Health Perspectives* 111 (2):175-180.
46. Miodovnik, A., S.M. Engel, C. Zhu, X. Ye, L.V. Soorya, M.J. Silva, A.M. Calafat, and M.S. Wolff. 2011. Endocrine disruptors and childhood social impairment. *Neurotoxicology* 32 (2):261-267.
47. Bushnik, T., D. Haines, P. Levallois, J. Levesque, J. Van Oostdam, and C. Viau. 2010. Lead and bisphenol A concentrations in the Canadian population. *Health Reports, Statistics Canada* 21 (3):7-18.
48. Chapin, R.E., J. Adams, K. Boekelheide, L.E. Gray, Jr., S.W. Hayward, P.S. Lees, B.S. McIntyre, K.M. Portier, T.M. Schnorr, S.G. Selevan, et al. 2008. NTP-CERHR expert panel report on the reproductive and developmental toxicity of bisphenol A. *Birth Defects Research Part B: Developmental and Reproductive Toxicology* 83 (3):157-395.
49. Lakind, J.S., and D.Q. Naiman. 2008. Bisphenol A (BPA) daily intakes in the United States: estimates from the 2003-2004 NHANES urinary BPA data. *Journal of Exposure Science and Environmental Epidemiology* 18 (6):608-15.
50. Lakind, J.S., and D.Q. Naiman. 2011. Daily intake of bisphenol A and potential sources of exposure: 2005-2006 National Health and Nutrition Examination Survey. *Journal of Exposure Science and Environmental Epidemiology* 21 (3):272-9.
51. Morgan, M.K., P.A. Jones, A.M. Calafat, X. Ye, C.W. Croghan, J.C. Chuang, N.K. Wilson, M.S. Clifton, Z. Figueroa, and L.S. Sheldon. 2011. Assessing the quantitative relationships between preschool children's exposures to bisphenol A by route and urinary biomonitoring. *Environmental Science and Technology* 45 (12):5309-16.
52. Völkel, W., M. Kiranoglu, and H. Fromme. 2011. Determination of free and total bisphenol A in urine of infants. *Environmental Research* 111 (1):143-148.
53. Padmanabhan, V., K. Siefert, S. Ransom, T. Johnson, J. Pinkerton, L. Anderson, L. Tao, and K. Kannan. 2008. Maternal bisphenol-A levels at delivery: a looming problem? *Journal of Perinatology* 28 (4):258-63.
54. Balakrishnan, B., K. Henare, E.B. Thorstensen, A.P. Ponnampalam, and M.D. Mitchell. 2010. Transfer of bisphenol A across the human placenta. *American Journal of Obstetrics and Gynecology* 202 (4):393.e1-393.e7.
55. Calafat, A.M., J. Weuve, X. Ye, L.T. Jia, H. Hu, S. Ringer, K. Huttner, and R. Hauser. 2009. Exposure to bisphenol A and other phenols in neonatal intensive care unit premature infants. *Environmental Health Perspectives* 117 (4):639-44.
56. Doerge, D.R., N.C. Twaddle, M. Vanlandingham, and J.W. Fisher. 2010. Pharmacokinetics of bisphenol A in neonatal and adult Sprague-Dawley rats. *Toxicology and Applied Pharmacology* 247 (2):158-165.
57. Doerge, D.R., N.C. Twaddle, M. Vanlandingham, and J.W. Fisher. 2011. Pharmacokinetics of bisphenol A in neonatal and adult CD-1 mice: inter-species comparisons with Sprague-Dawley rats and rhesus monkeys. *Toxicology Letters* 207 (3):298-305.
58. Doerge, D.R., N.C. Twaddle, K.A. Woodling, and J.W. Fisher. 2010. Pharmacokinetics of bisphenol A in neonatal and adult rhesus monkeys. *Toxicology and Applied Pharmacology* 248 (1):1-11.
59. Domoradzki, J.Y., C.M. Thornton, L.H. Pottenger, S.C. Hansen, T.L. Card, D.A. Markham, M.D. Dryzga, R.N. Shiotsuka, and J.M. Waechter, Jr. 2004. Age and dose dependency of the pharmacokinetics and metabolism of bisphenol A in neonatal sprague-dawley rats following oral administration. *Toxicological Sciences* 77 (2):230-42.
60. Fisher, J.W., N.C. Twaddle, M. Vanlandingham, and D.R. Doerge. 2011. Pharmacokinetic modeling: prediction and evaluation of route dependent dosimetry of bisphenol A in monkeys with extrapolation to humans. *Toxicology and Applied Pharmacology* 257 (1):122-36.
61. Taylor, J.A., F.S. vom Saal, W.V. Welshons, B. Drury, G. Rottinghaus, P.A. Hunt, P.-L. Toutain, C.M. Laffont, and C.A. VandeVoort. 2011. Similarity of bisphenol A pharmacokinetics in rhesus monkeys and mice: Relevance for human exposure. *Environmental Health Perspectives* 119 (4):422-430.

Bisphenol A (BPA) (continued)

62. Doerge, D.R., M. Vanlandingham, N.C. Twaddle, and K.B. Delclos. 2010. Lactational transfer of bisphenol A in Sprague-Dawley rats. *Toxicology Letters* 199 (3):372-376.
63. Centers for Disease Control and Prevention. 2009. *Fourth National Report on Human Exposure to Environmental Chemicals*. Atlanta, GA: CDC. <http://www.cdc.gov/exposurereport/>.
64. Vandenberg, L.N., I. Chahoud, J.J. Heindel, V. Padmanabhan, F.J. Paumgarten, and G. Schoenfelder. 2010. Urinary, circulating, and tissue biomonitoring studies indicate widespread exposure to bisphenol A. *Environmental Health Perspectives* 118 (8):1055-70.
65. Ginsberg, G., and D.C. Rice. 2009. Does rapid metabolism ensure negligible risk from bisphenol A? *Environmental Health Perspectives* 117 (11):1639-43.
66. Nishikawa, M., H. Iwano, R. Yanagisawa, N. Koike, H. Inoue, and H. Yokota. 2010. Placental transfer of conjugated bisphenol A and subsequent reactivation in the rat fetus. *Environmental Health Perspectives* 118 (9):1196-203.
67. Ye, X., L.Y. Wong, A.M. Bishop, and A.M. Calafat. 2011. Variability of urinary concentrations of bisphenol a in spot samples, first morning voids, and 24-hour collections. *Environmental Health Perspectives* 119 (7):983-8.
68. Mendez, W., E. Dederick, and J. Cohen. 2010. Drinking water contribution to aggregate perchlorate intake of reproductive-age women in the United States estimated by dietary intake simulation and analysis of urinary excretion data. *Journal of Exposure Science and Environmental Epidemiology* 20 (3):288-97.
69. Preau, J.L., Jr., L.Y. Wong, M.J. Silva, L.L. Needham, and A.M. Calafat. 2010. Variability over 1 week in the urinary concentrations of metabolites of diethyl phthalate and di(2-ethylhexyl) phthalate among eight adults: an observational study. *Environmental Health Perspectives* 118 (12):1748-54.
70. Jackson, S. 1966. Creatinine in urine as an index of urinary excretion rate. *Health Physics* 12 (6):843-50.
71. Barr, D.B., L.C. Wilder, S.P. Caudill, A.J. Gonzalez, L.L. Needham, and J.L. Pirkle. 2005. Urinary creatinine concentrations in the U.S. population: implications for urinary biologic monitoring measurements. *Environmental Health Perspectives* 113 (2):192-200.
72. Boeniger, M.F., L.K. Lowry, and J. Rosenberg. 1993. Interpretation of urine results used to assess chemical exposure with emphasis on creatinine adjustments: A review. *American Industrial Hygiene Association Journal* 54 (10):615-27.
73. National Center for Health Statistics. *Vital Statistics Natality Birth Data*. Retrieved June 15, 2009 from http://www.cdc.gov/nchs/data_access/Vitalstatsonline.htm.
74. Axelrad, D.A., and J. Cohen. 2011. Calculating summary statistics for population chemical biomonitoring in women of childbearing age with adjustment for age-specific natality. *Environmental Research* 111 (1):149-155.

Perchlorate

- National Research Council. 2005. *Health Implications of Perchlorate Ingestion*. Washington, D.C.: The National Academies Press. http://www.nap.edu/catalog.php?record_id=11202.
- U.S. Environmental Protection Agency. 2011. *Perchlorate* Retrieved February 11, 2011 from <http://www.epa.gov/safewater/contaminants/unregulated/perchlorate.html>.
- Blount, B.C., L. Valentin-Blasini, J.D. Osterloh, J.P. Mauldin, and J.L. Pirkle. 2007. Perchlorate exposure of the US Population, 2001-2002. *Journal of Exposure Science & Environmental Epidemiology* 17 (4):400-7.
- English, P., B. Blount, M. Wong, L. Copan, L. Olmedo, S. Patton, R. Haas, R. Atencio, J. Xu, and L. Valentin-Blasini. 2011. Direct measurement of perchlorate exposure biomarkers in a highly exposed population: a pilot study. *PLoS One* 6 (3):e17015.
- Rao, B., T.A. Anderson, G.J. Orris, K.A. Rainwater, S. Rajagopalan, R.M. Sandvig, B.R. Scanlon, D.A. Stonestrom, M.A. Walvoord, and W.A. Jackson. 2007. Widespread natural perchlorate in unsaturated zones of the southwest United States. *Environmental Science & Technology* 41 (13):4522-8.
- California Environmental Protection Agency. *History of Perchlorate in California Drinking Water*. Retrieved 3/8/2010 from <http://www.cdph.ca.gov/certlic/drinkingwater/Pages/Perchloratehistory.aspx>.
- El Aribi, H., Y.J. Le Blanc, S. Antonsen, and T. Sakuma. 2006. Analysis of perchlorate in foods and beverages by ion chromatography coupled with tandem mass spectrometry (IC-ESI-MS/MS). *Analytica Chimica Acta* 567 (1):39-47.
- Murray, C.W., S.K. Egan, H. Kim, N. Beru, and P.M. Bolger. 2008. US Food and Drug Administration's Total Diet Study: dietary intake of perchlorate and iodine. *Journal of Exposure Science & Environmental Epidemiology* 18 (6):571-80.
- Sanchez, C.A., L.M. Barraj, B.C. Blount, C.G. Scrafford, L. Valentin-Blasini, K.M. Smith, and R.I. Krieger. 2009. Perchlorate exposure from food crops produced in the lower Colorado River region. *Journal of Exposure Science & Environmental Epidemiology* 19 (4):359-68.
- Sanchez, C.A., B.C. Blount, L. Valentin-Blasini, S.M. Lesch, and R.I. Krieger. 2008. Perchlorate in the feed-dairy continuum of the southwestern United States. *Journal of Agricultural and Food Chemistry* 56 (13):5443-50.

Perchlorate (continued)

11. Sanchez, C.A., K.S. Crump, R.I. Krieger, N.R. Khandaker, and J.P. Gibbs. 2005. Perchlorate and nitrate in leafy vegetables of North America. *Environmental Science & Technology* 39 (24):9391-7.
12. U.S. Food and Drug Administration. 2007. *2004-2005 Exploratory Survey Data on Perchlorate in Food*. U.S. FDA. Retrieved January 18, 2012 from <http://www.fda.gov/Food/FoodSafety/FoodContaminantsAdulteration/ChemicalContaminants/Perchlorate/ucm077685.htm>.
13. Dasgupta, P.K., J.V. Dyke, A.B. Kirk, and W.A. Jackson. 2006. Perchlorate in the United States. Analysis of relative source contributions to the food chain. *Environmental Science and Technology* 40 (21):6608-14.
14. Dasgupta, P.K., P.K. Martinelango, W.A. Jackson, T.A. Anderson, K. Tian, R.W. Tock, and S. Rajagopalan. 2005. The origin of naturally occurring perchlorate: the role of atmospheric processes. *Environmental Science and Technology* 39 (6):1569-75.
15. Susarla, S., T.W. Collette, A.W. Garrison, N.L. Wolfe, and S.C. McCutcheon. 1999. Perchlorate identification in fertilizers. *Environmental Science and Technology* 33 (19):3469-3472.
16. Susarla, S., T.W. Collette, A.W. Garrison, N.L. Wolfe, and S.C. McCutcheon. 2000. Additions and corrections: perchlorate identification in fertilizers. *Environmental Science and Technology* 34 (1):1.
17. TRC Environmental Corporation. 1998. *Chemical Fertilizer as a Potential Source of Perchlorate*. Irvine, CA.
18. Blount, B.C., D.Q. Rich, L. Valentin-Blasini, S. Lashley, C.V. Ananth, E. Murphy, J.C. Smulian, B.J. Spain, D.B. Barr, T. Ledoux, et al. 2009. Perinatal exposure to perchlorate, thiocyanate, and nitrate in New Jersey mothers and newborns. *Environmental Science & Technology* 43 (19):7543-9.
19. Dasgupta, P.K., A.B. Kirk, J.V. Dyke, and S. Ohira. 2008. Intake of iodine and perchlorate and excretion in human milk. *Environmental Science & Technology* 42 (21):8115-21.
20. Kirk, A.B., J.V. Dyke, C.F. Martin, and P.K. Dasgupta. 2007. Temporal patterns in perchlorate, thiocyanate, and iodide excretion in human milk. *Environmental Health Perspectives* 115 (2):182-6.
21. Kirk, A.B., P.K. Martinelango, K. Tian, A. Dutta, E.E. Smith, and P.K. Dasgupta. 2005. Perchlorate and iodide in dairy and breast milk. *Environmental Science & Technology* 39 (7):2011-7.
22. Oldi, J.F., and K. Kannan. 2009. Analysis of perchlorate in human saliva by liquid chromatography-tandem mass spectrometry. *Environmental Science & Technology* 43 (1):142-7.
23. Oldi, J.F., and K. Kannan. 2009. Perchlorate in human blood serum and plasma: Relationship to concentrations in saliva. *Chemosphere* 77 (1):43-7.
24. Centers for Disease Control and Prevention. 2009. *Fourth National Report on Human Exposure to Environmental Chemicals*. Atlanta, GA: CDC. <http://www.cdc.gov/exposurereport/>.
25. Valentin-Blasini, L., B.C. Blount, S. Otero-Santos, Y. Cao, J.C. Bernbaum, and W.J. Rogan. 2011. Perchlorate exposure and dose estimates in infants. *Environmental Science & Technology* 45 (9):4127-32.
26. Blount, B.C., J.L. Pirkle, J.D. Osterloh, L. Valentin-Blasini, and K.L. Caldwell. 2006. Urinary perchlorate and thyroid hormone levels in adolescent and adult men and women living in the United States. *Environmental Health Perspectives* 114 (12):1865-71.
27. Otero-Santos, S.M., A.D. Delinsky, L. Valentin-Blasini, J. Schiffer, and B.C. Blount. 2009. Analysis of perchlorate in dried blood spots using ion chromatography and tandem mass spectrometry. *Analytical Chemistry* 81 (5):1931-6.
28. Zhang, T., Q. Wu, H.W. Sun, J. Rao, and K. Kannan. 2010. Perchlorate and iodide in whole blood samples from infants, children, and adults in Nanchang, China. *Environmental Science & Technology* 44 (18):6947-53.
29. Blount, B.C., and L. Valentin-Blasini. 2007. Biomonitoring as a method for assessing exposure to perchlorate. *Thyroid* 17 (9):837-41.
30. Centers for Disease Control and Prevention. *Perchlorate in Baby Formula Fact Sheet*. Retrieved 8/13/09 from http://cdc.gov/nceh/features/perchlorate_factsheet.htm.
31. Pearce, E.N., A.M. Leung, B.C. Blount, H.R. Bazrafshan, X. He, S. Pino, L. Valentin-Blasini, and L.E. Braverman. 2007. Breast milk iodine and perchlorate concentrations in lactating Boston-area women. *Journal of Clinical Endocrinology and Metabolism* 92 (5):1673-7.
32. Schier, J.G., A.F. Wolkin, L. Valentin-Blasini, M.G. Belson, S.M. Kieszak, C.S. Rubin, and B.C. Blount. 2009. Perchlorate exposure from infant formula and comparisons with the perchlorate reference dose. *Journal of Exposure Science and Environmental Epidemiology* 20 (3):281-7.
33. Lorber, M. 2009. Use of a simple pharmacokinetic model to characterize exposure to perchlorate. *Journal of Exposure Science and Environmental Epidemiology* 19 (3):260-73.
34. Mendez, W., E. Dederick, and J. Cohen. 2010. Drinking water contribution to aggregate perchlorate intake of reproductive-age women in the United States estimated by dietary intake simulation and analysis of urinary excretion data. *Journal of Exposure Science and Environmental Epidemiology* 20 (3):288-97.

Perchlorate (continued)

35. Blount, B., L. Valentin-Blasini, and D.L. Ashley. 2006. Assessing human exposure to perchlorate using biomonitoring. *Journal of ASTM International* 3 (7):3004-3010.
36. Blount, B.C., K.U. Alwis, R.B. Jain, B.L. Solomon, J.C. Morrow, and W.A. Jackson. 2010. Perchlorate, nitrate, and iodide intake through tap water. *Environmental Science and Technology* 44 (24):9564-70.
37. Huber, D.R., B.C. Blount, D.T. Mage, F.J. Letkiewicz, A. Kumar, and R.H. Allen. 2011. Estimating perchlorate exposure from food and tap water based on US biomonitoring and occurrence data. *Journal of Exposure Science and Environmental Epidemiology* 21 (4):395-407.
38. Greer, M.A., G. Goodman, R.C. Pleus, and S.E. Greer. 2002. Health effects assessment for environmental perchlorate contamination: the dose response for inhibition of thyroidal radioiodine uptake in humans. *Environmental Health Perspectives* 110 (9):927-37.
39. Stanbury, J.B., and J.B. Wyngaarden. 1952. Effect of perchlorate on the human thyroid gland. *Metabolism* 1 (6):533-9.
40. Haddow, J.E., G.E. Palomaki, W.C. Allan, J.R. Williams, G.J. Knight, J. Gagnon, C.E. O'Heir, M.L. Mitchell, R.J. Hermos, S.E. Waisbren, et al. 1999. Maternal thyroid deficiency during pregnancy and subsequent neuropsychological development of the child. *New England Journal of Medicine* 341 (8):549-55.
41. Miller, M.D., K.M. Crofton, D.C. Rice, and R.T. Zoeller. 2009. Thyroid-disrupting chemicals: interpreting upstream biomarkers of adverse outcomes. *Environmental Health Perspectives* 117 (7):1033-41.
42. U.S. Food and Drug Administration. *Perchlorate Questions and Answers*. Retrieved 8/13/09 from <http://www.fda.gov/Food/FoodSafety/FoodContaminantsAdulteration/ChemicalContaminants/Perchlorate/ucm077572.htm#effects>.
43. U.S. Environmental Protection Agency. 2009. *Perchlorate (ClO4) and Perchlorate Salts Quickview (CASRN 7790-98-9)*. Retrieved 11/19/09 from http://cfpub.epa.gov/ncea/iris/index.cfm?fuseaction=iris.showQuickView&substance_nmbr=1007.
44. Morreale de Escobar, G., M.J. Obregon, and F. Escobar del Rey. 2000. Is neuropsychological development related to maternal hypothyroidism or to maternal hypothyroxinemia? *Journal of Clinical Endocrinology and Metabolism* 85 (11):3975-87.
45. Porterfield, S.P. 1994. Vulnerability of the developing brain to thyroid abnormalities: environmental insults to the thyroid system. *Environmental Health Perspectives* 102 (Suppl 2):125-30.
46. Caldwell, K.L., A. Makhmudov, E. Ely, R.L. Jones, and R.Y. Wang. 2011. Iodine status of the U.S. population, National Health and Nutrition Examination Survey, 2005-2006 and 2007-2008. *Thyroid* 21 (4):419-27.
47. Khan, M.A., S.E. Fenton, A.E. Swank, S.D. Hester, A. Williams, and D.C. Wolf. 2005. A mixture of ammonium perchlorate and sodium chlorate enhances alterations of the pituitary-thyroid axis caused by the individual chemicals in adult male F344 rats. *Toxicologic Pathology* 33 (7):776-83.
48. Steinmaus, C., M.D. Miller, and R. Howd. 2007. Impact of smoking and thiocyanate on perchlorate and thyroid hormone associations in the 2001-2002 National Health and Nutrition Examination Survey. *Environmental Health Perspectives* 115 (9):1333-8.
49. Pearce, E.N., J.H. Lazarus, P.P. Smyth, X. He, D. Dall'amico, A.B. Parkes, R. Burns, D.F. Smith, A. Maina, J.P. Bestwick, et al. 2010. Perchlorate and thiocyanate exposure and thyroid function in first-trimester pregnant women. *Journal of Clinical Endocrinology and Metabolism* 95 (7):3207-15.
50. Téllez Téllez, R., P. Michaud Chacón, C. Reyes Abarca, B.C. Blount, C.B. Van Ledingham, K.S. Crump, and J.P. Gibbs. 2005. Long-term environmental exposure to perchlorate through drinking water and thyroid function during pregnancy and the neonatal period. *Thyroid* 15 (9):963-75.
51. Steinmaus, C., M.D. Miller, and A.H. Smith. 2010. Perchlorate in drinking water during pregnancy and neonatal thyroid hormone levels in California. *Journal of Occupational and Environmental Medicine* 52 (12):1217-524.
52. Amitai, Y., G. Winston, J. Sack, J. Wasser, M. Lewis, B.C. Blount, L. Valentin-Blasini, N. Fisher, A. Israeli, and A. Leventhal. 2007. Gestational exposure to high perchlorate concentrations in drinking water and neonatal thyroxine levels. *Thyroid* 17 (9):843-50.
53. Buffer, P.A., M.A. Kelsh, E.C. Lau, C.H. Edinboro, J.C. Barnard, G.W. Rutherford, J.J. Daaboul, L. Palmer, and F.W. Lorey. 2006. Thyroid function and perchlorate in drinking water: an evaluation among California newborns, 1998. *Environmental Health Perspectives* 114 (5):798-804.
54. Crump, C., P. Michaud, R. Téllez, C. Reyes, G. Gonzalez, E.L. Montgomery, K.S. Crump, G. Lobo, C. Becerra, and J.P. Gibbs. 2000. Does perchlorate in drinking water affect thyroid function in newborns or school-age children? *Journal of Occupational and Environmental Medicine* 42 (6):603-12.
55. Lamm, S.H., and M. Doemland. 1999. Has perchlorate in drinking water increased the rate of congenital hypothyroidism? *Journal of Occupational and Environmental Medicine* 41 (5):409-11.
56. Li, F.X., D.M. Byrd, G.M. Deyhle, D.E. Sesser, M.R. Skeels, S.R. Katkowsky, and S.H. Lamm. 2000. Neonatal thyroid-stimulating hormone level and perchlorate in drinking water. *Teratology* 62 (6):429-31.

Perchlorate (continued)

57. U.S. Environmental Protection Agency. 2008. *Interim Drinking Water Health Advisory for Perchlorate*. Washington, DC: U.S. Environmental Protection Agency. EPA 822-R-08-025.
http://www.epa.gov/ogwdw/contaminants/unregulated/pdfs/healthadvisory_perchlorate_interim.pdf.
58. U.S. Environmental Protection Agency. 2011. Drinking Water: Regulatory Determination on Perchlorate. *Federal Register* 76:7762-7767.
59. American Water Works Association. 2010. *Perchlorate*. American Water Works Association. Retrieved February 11, 2011 from <http://www.awwa.org/Government/Content.cfm?ItemNumber=1065&navItemNumber=3833>.
60. Ye, X., L.Y. Wong, A.M. Bishop, and A.M. Calafat. 2011. Variability of urinary concentrations of bisphenol a in spot samples, first morning voids, and 24-hour collections. *Environmental Health Perspectives* 119 (7):983-8.
61. Crump, K.S., and J.P. Gibbs. 2005. Benchmark calculations for perchlorate from three human cohorts. *Environmental Health Perspectives* 113 (8):1001-8.
62. Preau, J.L., Jr., L.Y. Wong, M.J. Silva, L.L. Needham, and A.M. Calafat. 2010. Variability over 1 week in the urinary concentrations of metabolites of diethyl phthalate and di(2-ethylhexyl) phthalate among eight adults: an observational study. *Environmental Health Perspectives* 118 (12):1748-54.
63. Jackson, S. 1966. Creatinine in urine as an index of urinary excretion rate. *Health Physics* 12 (6):843-50.
64. Barr, D.B., L.C. Wilder, S.P. Caudill, A.J. Gonzalez, L.L. Needham, and J.L. Pirkle. 2005. Urinary creatinine concentrations in the U.S. population: implications for urinary biologic monitoring measurements. *Environmental Health Perspectives* 113 (2):192-200.
65. Boeniger, M.F., L.K. Lowry, and J. Rosenberg. 1993. Interpretation of urine results used to assess chemical exposure with emphasis on creatinine adjustments: A review. *American Industrial Hygiene Association Journal* 54 (10):615-27.
66. National Center for Health Statistics. 2003-2004. *Vital Statistics Natality Birth Data*. Retrieved June 15, 2009 from http://www.cdc.gov/nchs/data_access/Vitalstatsonline.htm.
67. Axelrad, D.A., and J. Cohen. 2011. Calculating summary statistics for population chemical biomonitoring in women of childbearing age with adjustment for age-specific natality. *Environmental Research* 111 (1):149-155.

Health

Introduction

1. U.S. Census Bureau. *Poverty Thresholds by Size of Family and Number of Related Children Under 18 Years: 2010*. U.S. Census Bureau. Retrieved August 20, 2011 from http://www.census.gov/hhes/www/cpstables/032011/pov/new35_000.htm.

Respiratory Diseases

1. Institute of Medicine. 2000. *Clearing the Air: Asthma and Indoor Air Exposures*. Washington DC: National Academy Press. <http://books.nap.edu/catalog/9610.html>.
2. U.S. Department of Health and Human Services. 2006. *The Health Consequences of Involuntary Exposure to Tobacco Smoke: A Report of the Surgeon General*. Atlanta, GA: Centers for Disease Control and Prevention, Coordinating Center for Health Promotion, National Center for Chronic Disease Prevention and Health Promotion, Office on Smoking and Health. <http://www.surgeongeneral.gov/library/secondhandsmoke/report/index.html>.
3. U.S. Environmental Protection Agency. 2006. *Air Quality Criteria for Ozone and Related Photochemical Oxidants*. Washington, DC: U.S. EPA. EPA/600/R-05/004aF. <http://cfpub.epa.gov/ncea/cfm/recordisplay.cfm?deid=149923>.
4. U.S. Environmental Protection Agency. 2008. *Integrated Science Assessment for Oxides of Nitrogen – Health Criteria (Final Report)*. Washington, DC: U.S. EPA, Office of Research and Development. http://oaspub.epa.gov/eims/eimscomm.getfile?p_download_id=475020.
5. U.S. Environmental Protection Agency. 2008. *Integrated Science Assessment for Sulfur Oxides - Health Criteria (Final Report)*. Washington, DC: U.S. EPA. EPA/600/R-08/047F. <http://cfpub.epa.gov/ncea/cfm/recordisplay.cfm?deid=198843>.
6. U.S. Environmental Protection Agency. 2009. *Integrated Science Assessment for Particulate Matter (Final Report)*. Washington, DC: U.S. EPA. EPA/600/R-08/139F. <http://cfpub.epa.gov/ncea/cfm/recordisplay.cfm?deid=216546>.
7. U.S. Environmental Protection Agency. 2010. *Integrated Science Assessment for Carbon Monoxide (Final Report)*. Washington, DC: U.S. Environmental Protection Agency. <http://cfpub.epa.gov/ncea/cfm/recordisplay.cfm?deid=218686>.
8. Fauroux, B., M. Sampil, P. Quénel, and Y. Lemoullec. 2000. Ozone: a trigger for hospital pediatric asthma emergency room visits. *Pediatric Pulmonology* 30 (1):41-6.
9. Parker, J.D., L.J. Akinbami, and T.J. Woodruff. 2009. Air pollution and childhood respiratory allergies in the United States. *Environmental Health Perspectives* 117 (1):140-147.
10. Schildcrout, J.S., L. Sheppard, T. Lumley, J.C. Slaughter, J.Q. Koenig, and G.G. Shapiro. 2006. Ambient air pollution and asthma exacerbations in children: an eight-city analysis. *American Journal of Epidemiology* 164 (6):505-17.
11. Clark, N.A., P.A. Demers, C.J. Karr, M. Koehoorn, C. Lencar, L. Tamburic, and M. Brauer. 2010. Effect of early life exposure to air pollution on development of childhood asthma. *Environmental Health Perspectives* 118 (2):284-90.
12. Gehring, U., A.H. Wijga, M. Brauer, P. Fischer, J.C. de Jongste, M. Kerkhof, M. Oldenwening, H.A. Smit, and B. Brunekreef. 2010. Traffic-related air pollution and the development of asthma and allergies during the first 8 years of life. *American Journal of Respiratory and Critical Care Medicine* 181 (6):596-603.
13. McConnell, R., T. Islam, K. Shankardass, M. Jerrett, F. Lurmann, F. Gilliland, J. Gauderman, E. Avol, N. Kuenzli, L. Yao, et al. 2010. Childhood incident asthma and traffic-related air pollution at home and school. *Environmental Health Perspectives* 118 (7):1021-6.
14. Chauhan, A.J., and S.L. Johnston. 2003. Air pollution and infection in respiratory illness. *British Medical Bulletin* 68:95-112.
15. Cieniewicz, J., and I. Jaspers. 2007. Air pollution and respiratory viral infection. *Inhalation Toxicology* 19 (14):1135-46.
16. Dherani, M., D. Pope, M. Mascarenhas, K.R. Smith, M. Weber, and N. Bruce. 2008. Indoor air pollution from unprocessed solid fuel use and pneumonia risk in children aged under five years: a systematic review and meta-analysis. *Bulletin of the World Health Organization* 86 (5):390-398C.
17. U.S. Environmental Protection Agency. 2010. *National Ambient Air Quality Standards (NAAQS)*. U.S. EPA, Office of Air and Radiation. Retrieved October 20, 2010 from <http://www.epa.gov/air/criteria.html>.
18. Glinianaia, S.V., J. Rankin, R. Bell, T. Pless-Mullooli, and D. Howel. 2004. Does particulate air pollution contribute to infant death? A systematic review. *Environmental Health Perspectives* 112 (14):1365-71.
19. Woodruff, T.J., J.D. Parker, and K.C. Schoendorf. 2006. Fine particulate matter (PM_{2.5}) air pollution and selected causes of postneonatal infant mortality in California. *Environmental Health Perspectives* 114 (5):786-90.
20. Kajekar, R. 2007. Environmental factors and developmental outcomes in the lung. *Pharmacology & Therapeutics* 114 (2):129-45.
21. Wigle, D.T., T.E. Arbuckle, M. Walker, M.G. Wade, S. Liu, and D. Krewski. 2007. Environmental hazards: evidence for effects on child health. *Toxicology and Environmental Health Part B: Critical Reviews* 10 (1-2):3-39.
22. Islam, T., K. Berhane, R. McConnell, W.J. Gauderman, E. Avol, J.M. Peters, and F.D. Gilliland. 2009. Glutathione-S-transferase (GST) P1, GSTM1, exercise, ozone and asthma incidence in school children. *Thorax* 64 (3):197-202.

Respiratory Diseases (continued)

23. Islam, T., R. McConnell, W.J. Gauderman, E. Avol, J.M. Peters, and F.D. Gilliland. 2008. Ozone, oxidant defense genes, and risk of asthma during adolescence. *American Journal of Respiratory and Critical Care Medicine* 177 (4):388-95.
24. McConnell, R., K. Berhane, F. Gilliland, S.J. London, T. Islam, W.J. Gauderman, E. Avol, H.G. Margolis, and J.M. Peters. 2002. Asthma in exercising children exposed to ozone: a cohort study. *Lancet* 359 (9304):386-91.
25. Villeneuve, P.J., L. Chen, B.H. Rowe, and F. Coates. 2007. Outdoor air pollution and emergency department visits for asthma among children and adults: a case-crossover study in northern Alberta, Canada. *Environmental Health* 6:40.
26. Leikauf, G.D. 2002. Hazardous air pollutants and asthma. *Environmental Health Perspectives* 110 Suppl 4:505-26.
27. Cook, R., M. Strum, J.S. Touma, T. Palma, J. Thurman, D. Ensley, and R. Smith. 2007. Inhalation exposure and risk from mobile source air toxics in future years. *Journal of Exposure Science and Environmental Epidemiology* 17 (1):95-105.
28. U.S. Environmental Protection Agency. 2003. *Toxicological Review of Acrolein (CAS No. 107-02-8)*. Washington, DC: U.S. EPA, National Center for Environmental Assessment. EPA/635/R-03/003. <http://www.epa.gov/iris/toxreviews/0364tr.pdf>.
29. Woodruff, T.J., D.A. Axelrad, J. Caldwell, R. Morello-Frosch, and A. Rosenbaum. 1998. Public health implications of 1990 air toxics concentrations across the United States. *Environmental Health Perspectives* 106 (5):245-51.
30. Faroon, O., N. Roney, J. Taylor, A. Ashizawa, M.H. Lumpkin, and D.J. Plewak. 2008. Acrolein health effects. *Toxicology and Industrial Health* 24 (7):447-90.
31. Gauderman, W.J., H. Vora, R. McConnell, K. Berhane, F. Gilliland, D. Thomas, F. Lurmann, E. Avol, N. Kunzli, M. Jerrett, et al. 2007. Effect of exposure to traffic on lung development from 10 to 18 years of age: a cohort study. *Lancet* 369 (9561):571-7.
32. Jerrett, M., K. Shankardass, K. Berhane, W.J. Gauderman, N. Kunzli, E. Avol, F. Gilliland, F. Lurmann, J.N. Molitor, J.T. Molitor, et al. 2008. Traffic-related air pollution and asthma onset in children: a prospective cohort study with individual exposure measurement. *Environmental Health Perspectives* 116 (10):1433-38.
33. Karr, C.J., P.A. Demers, M.W. Koehoorn, C.C. Lencar, L. Tamburic, and M. Brauer. 2009. Influence of ambient air pollutant sources on clinical encounters for infant bronchiolitis. *American Journal of Respiratory and Critical Care Medicine* 180 (10):995-1001.
34. McConnell, R., K. Berhane, L. Yao, M. Jerrett, F. Lurmann, F. Gilliland, N. Kunzli, J. Gauderman, E. Avol, D. Thomas, et al. 2006. Traffic, susceptibility, and childhood asthma. *Environmental Health Perspectives* 114 (5):766-72.
35. Morgenstern, V., A. Zutavern, J. Cyrys, I. Brockow, U. Gehring, S. Koletzko, C.P. Bauer, D. Reinhardt, H.E. Wichmann, and J. Heinrich. 2007. Respiratory health and individual estimated exposure to traffic-related air pollutants in a cohort of young children. *Occupational and Environmental Medicine* 64 (1):8-16.
36. Salam, M.T., T. Islam, and F.D. Gilliland. 2008. Recent evidence for adverse effects of residential proximity to traffic sources on asthma. *Current Opinion in Pulmonary Medicine* 14 (1):3-8.
37. Health Effects Institute. 2010. *HEI Panel on the Health Effects of Traffic-Related Air Pollution: A Critical Review of the Literature on Emissions, Exposure, and Health Effects*. Boston, MA. HEI Special Report 17. <http://pubs.healtheffects.org/view.php?id=334>
38. Bartra, J., J. Mullol, A. del Cuvillo, I. Davila, M. Ferrer, I. Jauregui, J. Montoro, J. Sastre, and A. Valero. 2007. Air pollution and allergens. *Journal of Investigational Allergology and Clinical Immunology* 17 Suppl 2:3-8.
39. Bråbäck, L., and B. Forsberg. 2009. Does traffic exhaust contribute to the development of asthma and allergic sensitization in children: findings from recent cohort studies. *Environmental Health* 8:17.
40. Krzyzanowski, M., B. Kuna-Dibbert, and J. Schneider, eds. 2005. *Health Effects of Transport-Related Air Pollution*. Copenhagen, Denmark: World Health Organization, Europe.
41. Dales, R., L. Liu, A.J. Wheeler, and N.L. Gilbert. 2008. Quality of indoor residential air and health. *Canadian Medical Association Journal* 179 (2):147-52.
42. Seltzer, J.M., and M.J. Fedoruk. 2007. Health effects of mold in children. *Pediatric Clinics of North America* 54 (2):309-33, viii-ix.
43. Perez-Padilla, R., A. Schilman, and H. Riojas-Rodriguez. 2010. Respiratory health effects of indoor air pollution. *The International Journal of Tuberculosis and Lung Disease* 14 (9):1079-86.
44. Dales, R., and M. Raizenne. 2004. Residential exposure to volatile organic compounds and asthma. *Journal of Asthma* 41 (3):259-70.
45. Fuentes-Leonarte, V., J.M. Tenias, and F. Ballester. 2009. Levels of pollutants in indoor air and respiratory health in preschool children: a systematic review. *Pediatric Pulmonology* 44 (3):231-43.
46. McGwin, G., J. Lienert, and J.I. Kennedy. 2010. Formaldehyde exposure and asthma in children: a systematic review. *Environmental Health Perspectives* 118 (3):313-7.
47. Cheraghi, M., and S. Salvi. 2009. Environmental tobacco smoke (ETS) and respiratory health in children. *European Journal of Pediatrics* 168 (8):897-905.

Respiratory Diseases (continued)

48. Li, Y.F., F.D. Gilliland, K. Berhane, R. McConnell, W.J. Gauderman, E.B. Rappaport, and J.M. Peters. 2000. Effects of in utero and environmental tobacco smoke exposure on lung function in boys and girls with and without asthma. *American Journal of Respiratory and Critical Care Medicine* 162 (6):2097-104.
49. Wang, L., and K.E. Pinkerton. 2008. Detrimental effects of tobacco smoke exposure during development on postnatal lung function and asthma. *Birth Defects Research Part C: Embryo Today* 84 (1):54-60.
50. Xepapadaki, P., Y. Manios, T. Liarigkovinos, E. Grammatikaki, N. Douladiris, C. Kortsalioudaki, and N.G. Papadopoulos. 2009. Association of passive exposure of pregnant women to environmental tobacco smoke with asthma symptoms in children. *Pediatric Allergy and Immunology* 20 (5):423-9.
51. Jedrychowski, W., A. Galas, A. Pac, E. Flak, D. Camman, V. Rauh, and F. Perera. 2005. Prenatal ambient air exposure to polycyclic aromatic hydrocarbons and the occurrence of respiratory symptoms over the first year of life. *European Journal of Epidemiology* 20 (9):775-82.
52. Miller, R.L., R. Garfinkel, M. Horton, D. Camann, F.P. Perera, R.M. Whyatt, and P.L. Kinney. 2004. Polycyclic aromatic hydrocarbons, environmental tobacco smoke, and respiratory symptoms in an inner-city birth cohort. *Chest* 126 (4):1071-8.
53. Rosa, M.J., K.H. Jung, M.S. Perzanowski, E.A. Kelvin, K.W. Darling, D.E. Camann, S.N. Chillrud, R.M. Whyatt, P.L. Kinney, F.P. Perera, et al. 2011. Prenatal exposure to polycyclic aromatic hydrocarbons, environmental tobacco smoke and asthma. *Respiratory Medicine* 105 (6):869-76.
54. Mortimer, K., R. Neugebauer, F. Lurmann, S. Alcorn, J. Balmes, and I. Tager. 2008. Air pollution and pulmonary function in asthmatic children: effects of prenatal and lifetime exposures. *Epidemiology* 19 (4):550-7.
55. Mortimer, K., R. Neugebauer, F. Lurmann, S. Alcorn, J. Balmes, and I. Tager. 2008. Early-lifetime exposure to air pollution and allergic sensitization in children with asthma. *Journal of Asthma* 45 (10):874-81.
56. Bloom, B., R.A. Cohen, and G. Freeman. 2010. Summary health statistics for U.S. children: National Health Interview Survey, 2009. *Vital and Health Statistics* 10 (247):1-89.
57. Barnett, S.B., and T.A. Nurmagambetov. 2011. Costs of asthma in the United States: 2002-2007. *The Journal of Allergy and Clinical Immunology* 127 (1):145-52.
58. Rudd, R.A., and J.E. Moorman. 2007. Asthma incidence: data from the National Health Interview Survey, 1980-1996. *Journal of Asthma* 44 (1):65-70.
59. Litonjua, A.A., V.J. Carey, S.T. Weiss, and D.R. Gold. 1999. Race, socioeconomic factors, and area of residence are associated with asthma prevalence. *Pediatric Pulmonology* 28 (6):394-401.
60. Panico, L., M. Bartley, M. Marmot, J.Y. Nazroo, A. Sacker, and Y.J. Kelly. 2007. Ethnic variation in childhood asthma and wheezing illnesses: findings from the Millennium Cohort Study. *International Journal of Epidemiology* 36 (5):1093-102.
61. Pearlman, D.N., S. Zierler, S. Meersman, H.K. Kim, S.I. Viner-Brown, and C. Caron. 2006. Race disparities in childhood asthma: does where you live matter? *Journal of the National Medical Association* 98 (2):239-47.
62. Aligne, C.A., P. Auinger, R.S. Byrd, and M. Weitzman. 2000. Risk factors for pediatric asthma. Contributions of poverty, race, and urban residence. *American Journal of Respiratory and Critical Care Medicine* 162 (3 Pt 1):873-7.
63. Crain, E.F., M. Walter, G.T. O'Connor, H. Mitchell, R.S. Gruchalla, M. Kattan, G.S. Malindzak, P. Enright, R. Evans, 3rd, W. Morgan, et al. 2002. Home and allergic characteristics of children with asthma in seven U.S. urban communities and design of an environmental intervention: the Inner-City Asthma Study. *Environmental Health Perspectives* 110 (9):939-45.
64. Kitch, B.T., G. Chew, H.A. Burge, M.L. Muilenberg, S.T. Weiss, T.A. Platts-Mills, G. O'Connor, and D.R. Gold. 2000. Socioeconomic predictors of high allergen levels in homes in the greater Boston area. *Environmental Health Perspectives* 108 (4):301-7.
65. Leaderer, B.P., K. Belanger, E. Triche, T. Holford, D.R. Gold, Y. Kim, T. Jankun, P. Ren, J.E. McSharry, T.A. Platts-Mills, et al. 2002. Dust mite, cockroach, cat, and dog allergen concentrations in homes of asthmatic children in the northeastern United States: impact of socioeconomic factors and population density. *Environmental Health Perspectives* 110 (4):419-25.
66. Federal Interagency Forum on Child and Family Statistics. 2009. *America's Children: Key National Indicators of Well-Being, 2009: Outdoor and Indoor Air Quality*. Washington, DC: U.S. Government Printing Office.
<http://childstats.gov/americaschildren09/phenviro1.asp>.
67. Arbes, S.J., R.D. Cohn, M. Yin, M.L. Muilenberg, H.A. Burge, W. Friedman, and D.C. Zeldin. 2003. House dust mite allergen in U.S. beds: results from the first national survey of lead and allergens in housing. *Journal of Allergy and Clinical Immunology* 111 (2):408-14.
68. Cohn, R.D., S.J. Arbes, Jr., M. Yin, R. Jaramillo, and D.C. Zeldin. 2004. National prevalence and exposure risk for mouse allergen in US households. *The Journal of Allergy and Clinical Immunology* 113 (6):1167-71.
69. Elliott, L., S.J. Arbes, E.S. Harvey, R.C. Lee, P.M. Salo, R.D. Cohn, S.J. London, and D.C. Zeldin. 2007. Dust weight and asthma prevalence in the National Survey of Lead and Allergens in Housing (NSLAH). *Environmental Health Perspectives* 115 (2):215-20.

Respiratory Diseases (continued)

70. Farber, H.J., C. Johnson, and R.C. Beckerman. 1998. Young inner-city children visiting the emergency room (ER) for asthma: risk factors and chronic care behaviors. *Journal of Asthma* 35 (7):547-52.
71. Halfon, N., and P.W. Newacheck. 1993. Childhood asthma and poverty: differential impacts and utilization of health services. *Pediatrics* 91 (1):56-61.
72. Lozano, P., J.A. Finkelstein, J. Hecht, R. Shulruff, and K.B. Weiss. 2003. Asthma medication use and disease burden in children in a primary care population. *Archives of Pediatrics and Adolescent Medicine* 157 (1):81-8.
73. Price, M.R., J.M. Norris, B. Bucher Bartleson, L.A. Gavin, and M.D. Klinnert. 1999. An investigation of the medical care utilization of children with severe asthma according to their type of insurance. *Journal of Asthma* 36 (3):271-9.
74. Rosenbach, M.L., C. Irvin, and R.F. Coulam. 1999. Access for low-income children: is health insurance enough? *Pediatrics* 103 (6 Pt 1):1167-74.
75. Stanton, M.S., and D. Dougherty. 2005. Chronic Care for Low-Income Children with Asthma: Strategies for Improvement. In *Research in Action Issue 18*. Rockville, MD: Agency for Healthcare Research and Quality.
76. Yoos, H.L., H. Kitzman, and A. McMullen. 2003. Barriers to anti-inflammatory medication use in childhood asthma. *Ambulatory Pediatrics* 3 (4):181-90.
77. Eder, W., M.J. Ege, and E. von Mutius. 2006. The asthma epidemic. *New England Journal of Medicine* 355 (21):2226-35.
78. Zorc, J.J., and C.B. Hall. 2010. Bronchiolitis: recent evidence on diagnosis and management. *Pediatrics* 125 (2):342-9.
79. Coffman, J.M., M.D. Cabana, H.A. Halpin, and E.H. Yelin. 2008. Effects of asthma education on children's use of acute care services: a meta-analysis. *Pediatrics* 121 (3):575-86.
80. Flores, G., M. Abreu, S. Tomany-Korman, and J. Meurer. 2005. Keeping children with asthma out of hospitals: parents' and physicians' perspectives on how pediatric asthma hospitalizations can be prevented. *Pediatrics* 116 (4):957-65.
81. Flores, G., C. Snowden-Bridon, S. Torres, R. Perez, T. Walter, J. Brotanek, H. Lin, and S. Tomany-Korman. 2009. Urban minority children with asthma: substantial morbidity, compromised quality and access to specialists, and the importance of poverty and specialty care. *The Journal of Asthma* 46 (4):392-8.
82. Fox, P., P.G. Porter, S.H. Lob, J.H. Boer, D.A. Rocha, and J.W. Adelson. 2007. Improving asthma-related health outcomes among low-income, multiethnic, school-aged children: results of a demonstration project that combined continuous quality improvement and community health worker strategies. *Pediatrics* 120 (4):e902-11.
83. U.S. Department of Health and Human Services. 2007. *Guidelines for the Diagnosis and Management of Asthma*. Bethesda, MD: National Heart, Lung, and Blood Institute, National Asthma Education and Prevention Program. NIH Publication Number 08-5846. <http://www.nhlbi.nih.gov/guidelines/asthma/asthsumm.pdf>.
84. Homer, C.J., P. Szilagyi, L. Rodewald, S.R. Bloom, P. Greenspan, S. Yazdgerdi, J.M. Leventhal, D. Finkelstein, and J.M. Perrin. 1996. Does quality of care affect rates of hospitalization for childhood asthma? *Pediatrics* 98 (1):18-23.
85. Russo, M.J., K.M. McConnochie, J.T. McBride, P.G. Szilagyi, A.M. Brooks, and K.J. Roghmann. 1999. Increase in admission threshold explains stable asthma hospitalization rates. *Pediatrics* 104 (3 Pt. 1):454-62.
86. Gwynn, R.C., and G.D. Thurston. 2001. The burden of air pollution: impacts among racial minorities. *Environmental Health Perspectives* 109 (Suppl. 4):501-6.
87. Nauenberg, E., and K. Basu. 1999. Effect of insurance coverage on the relationship between asthma hospitalizations and exposure to air pollution. *Public Health Reports* 114 (2):135-48.
88. Akinbami, L.J., J.E. Moorman, P.L. Garbe, and E.J. Sondik. 2009. Status of childhood asthma in the United States, 1980-2007. *Pediatrics* 123 Suppl 3:S131-45.
89. Gupta, R.S., V. Carrion-Carire, and K.B. Weiss. 2006. The widening black/white gap in asthma hospitalizations and mortality. *The Journal of Allergy and Clinical Immunology* 117 (2):351-8.
90. McDaniel, M., C. Paxson, and J. Waldfogel. 2006. Racial disparities in childhood asthma in the United States: evidence from the National Health Interview Survey, 1997 to 2003. *Pediatrics* 117 (5):e868-77.
91. Corburn, J., J. Osleeb, and M. Porter. 2006. Urban asthma and the neighbourhood environment in New York City. *Health & Place* 12 (2):167-79.
92. Maryland Department of Health and Mental Hygiene, and Maryland Department of the Environment. 2008. *Maryland's Children and the Environment*. <http://www.dhnh.state.md.us/reports/pdf/MDChildrenEnv08.pdf>.
93. Chan, K.S., E. Keeler, M. Schonlau, M. Rosen, and R. Mangione-Smith. 2005. How do ethnicity and primary language spoken at home affect management practices and outcomes in children and adolescents with asthma? *Archives of Pediatrics and Adolescent Medicine* 159 (3):283-9.

Respiratory Diseases (continued)

94. Scott, G., and H. Ni. 2004. Access to health care among Hispanic/Latino children: United States, 1998-2001. *Advance Data from Vital and Health Statistics* (344):1-20.
95. Centers for Disease Control and Prevention. 2008. Youth risk behavior surveillance — United States, 2007. *Morbidity and Mortality Weekly Report* 57 (SS-4).
96. Child and Adolescent Health Measurement Initiative. 2009. *2007 National Survey of Children's Health*. Child and Adolescent Health Measurement Initiative, Data Resource Center for Child and Adolescent Health. Retrieved June 16, 2009 from www.nschdata.org.

Childhood Cancer

1. National Cancer Institute. 2009. *Dictionary of Cancer Terms*. Retrieved January 14, 2009 from <http://www.cancer.gov/dictionary>.
2. National Cancer Institute. 2010. *A Snapshot of Pediatric Cancers*. Retrieved August 10, 2011 from <http://www.cancer.gov/aboutnci/servingpeople/snapshots/pediatric.pdf>.
3. Linabery, A.M., and J.A. Ross. 2008. Trends in childhood cancer incidence in the U.S. (1992-2004). *Cancer* 112 (2):416-32.
4. National Cancer Institute. 2012. *Fact Sheet: Childhood Cancers*. National Institutes of Health, National Cancer Institute. Retrieved June 27, 2012 from <http://www.cancer.gov/cancertopics/factsheet/Sites-Types/childhood>.
5. President's Cancer Panel. 2010. *Reducing Environmental Cancer Risk: What We Can Do Now*. Bethesda, MD: National Cancer Institute, President's Cancer Panel. http://deainfo.nci.nih.gov/advisory/pcp/annualReports/pcp08-09rpt/PCP_Report_08-09_508.pdf.
6. Reis, L.A.G., M.A. Smith, J.G. Gurney, M. Linet, T. Tamra, J.L. Young, and G.R. Bunin. 1999. *Cancer Incidence and Survival among Children and Adolescents: United States SEER Program 1975-1995*. Bethesda, MD: National Cancer Institute, SEER Program. NIH Pub. No. 99-4649. <http://www.seer.ims.nci.nih.gov/Publications/PedMono>.
7. Jirtle, R.L., and M.K. Skinner. 2007. Environmental epigenomics and disease susceptibility. *Nature Reviews. Genetics* 8 (4):253-62.
8. Bird, A. 2007. Perceptions of epigenetics. *Nature* 447 (7143):396-8.
9. Hanahan, D., and R.A. Weinberg. 2011. Hallmarks of cancer: the next generation. *Cell* 144 (5):646-74.
10. Eyre, R., R.G. Feltbower, E. Mubwandarikwa, T.O. Eden, and R.J. McNally. 2009. Epidemiology of bone tumours in children and young adults. *Pediatric Blood & Cancer* 53 (6):941-52.
11. Holland, N., A. Fucic, D.F. Merlo, R. Sram, and M. Kirsch-Volders. 2011. Micronuclei in neonates and children: effects of environmental, genetic, demographic and disease variables. *Mutagenesis* 26 (1):51-6.
12. Infante-Rivard, C., D. Labuda, M. Krajcinovic, and D. Sinnett. 1999. Risk of childhood leukemia associated with exposure to pesticides and with gene polymorphisms. *Epidemiology* 10 (5):481-7.
13. Infante-Rivard, C., G. Mathonnet, and D. Sinnett. 2000. Risk of childhood leukemia associated with diagnostic irradiation and polymorphisms in DNA repair genes. *Environmental Health Perspectives* 108 (6):495-8.
14. Infante-Rivard, C., and S. Weichenthal. 2007. Pesticides and childhood cancer: an update of Zahm and Ward's 1998 review. *Journal of Toxicology and Environmental Health Part B: Critical Reviews* 10 (1-2):81-99.
15. Metayer, C., and P.A. Buffler. 2008. Residential exposures to pesticides and childhood leukaemia. *Radiation Protection Dosimetry* 132 (2):212-9.
16. Institute of Medicine. 2002. *Cancer and the Environment: Gene-Environment Interaction*. Washington, DC: National Academy Press. http://www.nap.edu/catalog.php?record_id=10464.
17. Anderson, L.M., B.A. Diwan, N.T. Fear, and E. Roman. 2000. Critical windows of exposure for children's health: cancer in human epidemiological studies and neoplasms in experimental animal models. *Environmental Health Perspectives* 108 Supplement 3:573-94.
18. Buffler, P.A., M.L. Kwan, P. Reynolds, and K.Y. Urayama. 2005. Environmental and genetic risk factors for childhood leukemia: appraising the evidence. *Cancer Investigation* 23 (1):60-75.
19. Johnson, K.J., N.M. Springer, A.K. Bielinsky, D.A. Largaespada, and J.A. Ross. 2009. Developmental origins of cancer. *Cancer Research* 69 (16):6375-7.
20. Ma, X., P.A. Buffler, R.B. Gunier, G. Dahl, M.T. Smith, K. Reinier, and P. Reynolds. 2002. Critical windows of exposure to household pesticides and risk of childhood leukemia. *Environmental Health Perspectives* 110 (9):955-60.
21. Selevan, S.G., C.A. Kimmel, and P. Mendola. 2000. Identifying critical windows of exposure for children's health. *Environmental Health Perspectives* 108 Supplement 3:451-5.
22. Centers for Disease Control and Prevention. 2009. *Questions and Answers about Leukemia*. Retrieved April 17, 2009 from <http://www.cdc.gov/NCEH/RADIATION/phase2/mleukemi.pdf>.

Childhood Cancer (continued)

23. Belson, M., B. Kingsley, and A. Holmes. 2007. Risk factors for acute leukemia in children: a review. *Environmental Health Perspectives* 115 (1):138-45.
24. Boice, J., J.D., and R.W. Miller. 1999. Childhood and adult cancer after intrauterine exposure to ionizing radiation. *Teratology* 59 (227-233).
25. Doll, R., and R. Wakeford. 1997. Risk of childhood cancer from fetal irradiation. *British Journal of Radiology* 70:130-139.
26. National Council on Radiation Protection and Measurements. 2009. *Ionizing Radiation Exposure of the Population of the United States (2009)*. Bethesda, MD: NCRP. Report No. 160.
27. Pearce, M.S., J.A. Salotti, M.P. Little, K. McHugh, C. Lee, K.P. Kim, N.L. Howe, C.M. Ronckers, P. Rajaraman, A.W. Craft, et al. 2012. Radiation exposure from CT scans in childhood and subsequent risk of leukaemia and brain tumours: a retrospective cohort study. *The Lancet* 380 (9840):499-505.
28. Linet, M.S., E.E. Hatch, R.A. Kleinerman, L.L. Robison, W.T. Kaune, D.R. Friedman, R.K. Severson, C.M. Haines, C.T. Hartssock, S. Niwa, et al. 1997. Residential exposure to magnetic fields and acute lymphoblastic leukemia in children. *The New England Journal of Medicine* 337 (1):1-7.
29. National Research Council. 1997. *Possible Health Effects of Exposure to Residential Electrical and Magnetic Fields*. Washington, DC: National Academies Press. <http://www.nap.edu/openbook.php?isbn=0309054478>.
30. Evrard, A.S., D. Hemon, S. Billon, D. Laurier, E. Jouglu, M. Tirmarche, and J. Clavel. 2005. Ecological association between indoor radon concentration and childhood leukaemia incidence in France, 1990-1998. *European Journal of Cancer Prevention* 14 (2):147-57.
31. Raaschou-Nielsen, O. 2008. Indoor radon and childhood leukaemia. *Radiation Protection Dosimetry* 132 (2):175-81.
32. Raaschou-Nielsen, O., C.E. Andersen, H.P. Andersen, P. Gravesen, M. Lind, J. Schuz, and K. Ulbak. 2008. Domestic radon and childhood cancer in Denmark. *Epidemiology* 19 (4):536-43.
33. Kendall, G.M., M.P. Little, R. Wakeford, K.J. Bunch, J.C. Miles, T.J. Vincent, J.R. Meara, and M.F. Murphy. 2012. A record-based case-control study of natural background radiation and the incidence of childhood leukaemia and other cancers in Great Britain during 1980-2006. *Leukemia* doi: 10.1038/leu.2012.151.
34. Brown, R.C. 2006. Review: Windows of exposure to pesticides for increased risk of childhood leukemia. *Toxicological & Environmental Chemistry* 88 (3):423-443.
35. Buckley, J.D., L.L. Robison, R. Swotinsky, D.H. Garabrant, M. LeBeau, P. Manchester, M.E. Nesbit, L. Odom, J.M. Peters, and W.G. Woods. 1989. Occupational exposures of parents of children with acute nonlymphocytic leukemia: a report from the Children's Cancer Study Group. *Cancer Research* 49:4030-4037.
36. Carozza, S.E., B. Li, K. Elgethun, and R. Whitworth. 2008. Risk of childhood cancers associated with residence in agriculturally intense areas in the United States. *Environmental Health Perspectives* 116 (4):559-65.
37. Feychting, M., N. Plato, G. Nise, and A. Ahlbom. 2001. Paternal occupational exposures and childhood cancer. *Environmental Health Perspectives* 109 (2):193-6.
38. Rudant, J., F. Menegaux, G. Leverger, A. Baruchel, B. Nelken, Y. Bertrand, C. Patte, H. Pacquement, C. Verite, A. Robert, et al. 2007. Household exposure to pesticides and risk of childhood hematopoietic malignancies: The ESCALE study (SFCE). *Environmental Health Perspectives* 115 (12):1787-93.
39. Turner, M.C., D.T. Wigle, and D. Krewski. 2010. Residential pesticides and childhood leukemia: a systematic review and meta-analysis. *Environmental Health Perspectives* 118 (1):33-41.
40. Van Maele-Fabry, G., A.C. Lantin, P. Hoet, and D. Lison. 2010. Childhood leukaemia and parental occupational exposure to pesticides: a systematic review and meta-analysis. *Cancer Causes & Control* 21 (6):787-809.
41. Van Maele-Fabry, G., A.C. Lantin, P. Hoet, and D. Lison. 2011. Residential exposure to pesticides and childhood leukaemia: a systematic review and meta-analysis. *Environment International* 37 (1):280-91.
42. Vinson, F., M. Merhi, I. Baldi, H. Raynal, and L. Gamet-Payrastre. 2011. Exposure to pesticides and risk of childhood cancer: a meta-analysis of recent epidemiological studies. *Occupational and Environmental Medicine* 68 (9):694-702.
43. Wigle, D.T., T.E. Arbuckle, M.C. Turner, A. Berube, Q. Yang, S. Liu, and D. Krewski. 2008. Epidemiologic evidence of relationships between reproductive and child health outcomes and environmental chemical contaminants. *Journal of Toxicology and Environmental Health Part B: Critical Reviews* 11 (5-6):373-517.
44. Wigle, D.T., M.C. Turner, and D. Krewski. 2009. A systematic review and meta-analysis of childhood leukemia and parental occupational pesticide exposure. *Environmental Health Perspectives* 117:1505-1513.
45. Zahm, S.H., and S.S. Devesa. 1995. Childhood cancer: overview of incidence trends and environmental carcinogens. *Environmental Health Perspectives* 103 (Suppl. 6):177-184.

Childhood Cancer (continued)

46. Zahm, S.H., and M.H. Ward. 1998. Pesticides and childhood cancer. *Environmental Health Perspectives* 106 (Suppl. 3):893-908.
47. Knox, E.G. 2005. Childhood cancers and atmospheric carcinogens. *Journal of Epidemiology and Community Health* 59 (2):101-5.
48. Reynolds, P., J. Von Behren, R.B. Gunier, D.E. Goldberg, A. Hertz, and D.F. Smith. 2003. Childhood cancer incidence rates and hazardous air pollutants in California: an exploratory analysis. *Environmental Health Perspectives* 111 (4):663-8.
49. Whitworth, K.W., E. Symanski, and A.L. Coker. 2008. Childhood lymphohematopoietic cancer incidence and hazardous air pollutants in southeast Texas, 1995-2004. *Environmental Health Perspectives* 116 (11):1576-80.
50. Brosselin, P., J. Rudant, L. Orsi, G. Leverger, A. Baruchel, Y. Bertrand, B. Nelken, A. Robert, G. Michel, G. Margueritte, et al. 2009. Acute childhood leukaemia and residence next to petrol stations and automotive repair garages: the ESCALE study (SFCE). *Occupational and Environmental Medicine* 66 (9):598-606.
51. Pearson, R.L., H. Wachtel, and K.L. Ebi. 2000. Distance-weighted traffic density in proximity to a home is a risk factor for leukemia and other childhood cancers. *Journal of the Air and Waste Management Association* 50 (2):175-80.
52. Weng, H.H., S.S. Tsai, H.F. Chiu, T.N. Wu, and C.Y. Yang. 2008. Association of childhood leukemia with residential exposure to petrochemical air pollution in taiwan. *Inhalation Toxicology* 20 (1):31-6.
53. Weng, H.H., S.S. Tsai, H.F. Chiu, T.N. Wu, and C.Y. Yang. 2009. Childhood leukemia and traffic air pollution in Taiwan: petrol station density as an indicator. *Journal of Toxicology and Environmental Health Part A: Current Issues* 72 (2):83-7.
54. Raaschou-Nielsen, O., O. Hertel, B.L. Thomsen, and J.H. Olsen. 2001. Air pollution from traffic at the residence of children with cancer. *American Journal of Epidemiology* 153 (5):433-43.
55. Reynolds, P., J. Von Behren, R.B. Gunier, D.E. Goldberg, A. Hertz, and D. Smith. 2002. Traffic patterns and childhood cancer incidence rates in California, United States. *Cancer Causes & Control* 13 (7):665-73.
56. Langholz, B., K.L. Ebi, D.C. Thomas, J.M. Peters, and S.J. London. 2002. Traffic density and the risk of childhood leukemia in a Los Angeles case-control study. *Annals of Epidemiology* 12 (7):482-7.
57. Reynolds, P., J. Von Behren, R.B. Gunier, D.E. Goldberg, and A. Hertz. 2004. Residential exposure to traffic in California and childhood cancer. *Epidemiology* 15 (1):6-12.
58. Health Effects Institute. 2010. *HEI Panel on the Health Effects of Traffic-Related Air Pollution: A Critical Review of the Literature on Emissions, Exposure, and Health Effects*. Boston, MA: Health Effects Institute. HEI Special Report 17. <http://pubs.healtheffects.org/view.php?id=334>.
59. U.S. Department of Health and Human Services. 2006. *The Health Consequences of Involuntary Exposure to Tobacco Smoke: A Report of the Surgeon General*. Atlanta, GA: Centers for Disease Control and Prevention, Coordinating Center for Health Promotion, National Center for Chronic Disease Prevention and Health Promotion, Office on Smoking and Health. <http://www.surgeongeneral.gov/library/secondhandsmoke/report/index.html>.
60. Baldwin, R.T., and S. Preston-Martin. 2004. Epidemiology of brain tumors in childhood--a review. *Toxicology and Applied Pharmacology* 199 (2):118-31.
61. Streffer, C., R. Shore, G. Konermann, A. Meadows, P. Uma Devi, J. Preston, L.E. Holm, J. Stather, K. Mabuchi, and H.R. Withers. 2003. Biological effects after prenatal irradiation (embryo and fetus). A report of the International Commission on Radiological Protection. *Annals of the International Commission on Radiological Protection* 33 (1-2):5-206.
62. Boice, J.D., Jr., and R.E. Tarone. 2011. Cell phones, cancer, and children. *Journal of the National Cancer Institute* 103 (16):1211-3.
63. Cardis, E., L. Richardson, I. Deltour, B. Armstrong, M. Feychting, C. Johansen, M. Kilkenny, P. McKinney, B. Modan, S. Sadetzki, et al. 2007. The INTERPHONE study: design, epidemiological methods, and description of the study population. *European Journal of Epidemiology* 22 (9):647-64.
64. Hardell, L., M. Carlberg, F. Soderqvist, and K. Hansson Mild. 2008. Meta-analysis of long-term mobile phone use and the association with brain tumours. *International Journal of Oncology* 32 (5):1097-103.
65. Hours, M., M. Bernard, L. Montestrucq, M. Arslan, A. Bergeret, I. Deltour, and E. Cardis. 2007. Cell Phones and risk of brain and acoustic nerve tumours: the French INTERPHONE case-control study. *Revue d'Épidémiologie et de Santé Publique* 55 (5):321-32.
66. Interphone Study Group. 2010. Brain tumour risk in relation to mobile telephone use: results of the INTERPHONE international case-control study. *International Journal of Epidemiology* 39 (3):675-94.
67. Khurana, V.G., C. Teo, M. Kundi, L. Hardell, and M. Carlberg. 2009. Cell phones and brain tumors: a review including the long-term epidemiologic data. *Surgical Neurology* 72 (3):205-14; discussion 214-5.
68. Myung, S.K., W. Ju, D.D. McDonnell, Y.J. Lee, G. Kazinets, C.T. Cheng, and J.M. Moskowitz. 2009. Mobile phone use and risk of tumors: a meta-analysis. *Journal of Clinical Oncology : Official Journal of the American Society of Clinical Oncology* 27 (33):5565-72.

Childhood Cancer (continued)

69. Schoemaker, M.J., and A.J. Swerdlow. 2009. Risk of pituitary tumors in cellular phone users: a case-control study. *Epidemiology* 20 (3):348-54.
70. Minenko, V.F., A.V. Ulanovsky, V.V. Drozdovitch, E.V. Shemiakina, Y.I. Gavrilin, V.T. Khrouch, S.M. Shinkarev, P.G. Voilleque, A. Bouville, L.R. Anspaugh, et al. 2006. Individual thyroid dose estimates for a case-control study of chernobyl-related thyroid cancer among children of Belarus--part II. Contributions from long-lived radionuclides and external radiation. *Health Physics* 90 (4):312-27.
71. Moysich, K.B., R.J. Menezes, and A.M. Michalek. 2002. Chernobyl-related ionising radiation exposure and cancer risk: an epidemiological review. *The Lancet Oncology* 3 (5):269-79.
72. Ron, E. 2007. Thyroid cancer incidence among people living in areas contaminated by radiation from the Chernobyl accident. *Health Physics* 93 (5):502-11.
73. Cooney, M.A., J.L. Daniels, J.A. Ross, N.E. Breslow, B.H. Pollock, and A.F. Olshan. 2007. Household pesticides and the risk of Wilms tumor. *Environmental Health Perspectives* 115 (1):134-7.
74. Armstrong, B.K., and A. Krickler. 2001. The epidemiology of UV induced skin cancer. *Journal of Photochemistry and Photobiology. B, Biology* 63 (1-3):8-18.
75. Balk, S.J. 2011. Ultraviolet radiation: a hazard to children and adolescents. *Pediatrics* 127 (3):e791-817.
76. Strouse, J.J., T.R. Fears, M.A. Tucker, and A.S. Wayne. 2005. Pediatric melanoma: risk factor and survival analysis of the surveillance, epidemiology and end results database. *Journal of Clinical Oncology* 23 (21):4735-41.
77. Narayanan, D.L., R.N. Saladi, and J.L. Fox. 2010. Ultraviolet radiation and skin cancer. *International Journal of Dermatology* 49 (9):978-86.
78. U.S. Environmental Protection Agency. 2010. *Ozone Science: The Facts Behind the Phaseout*. U.S. EPA, Stratospheric Protection Division. Retrieved August 10, 2011 from http://www.epa.gov/ozone/science/sc_fact.html.
79. Demko, C.A., E.A. Borawski, S.M. Debanne, K.D. Cooper, and K.C. Stange. 2003. Use of indoor tanning facilities by white adolescents in the United States. *Archives of Pediatrics & Adolescent Medicine* 157 (9):854-60.
80. Mayer, J.A., S.I. Woodruff, D.J. Slymen, J.F. Sallis, J.L. Forster, E.J. Clapp, K.D. Hoerster, L.C. Pichon, J.R. Weeks, G.E. Belch, et al. 2011. Adolescents' use of indoor tanning: a large-scale evaluation of psychosocial, environmental, and policy-level correlates. *American Journal of Public Health* 101 (5):930-8.
81. Surveillance Epidemiology and End Results Program. 2009. *Population Characteristics*. National Cancer Institute. Retrieved January 28, 2009 from <http://seer.cancer.gov/registries/characteristics.html>.
82. Surveillance Epidemiology and End Results Program. 2009. *Number of Persons by Race and Hispanic Ethnicity for SEER Participants (2000 Census Data)*. National Cancer Institute. Retrieved January 28, 2009 from <http://seer.cancer.gov/registries/data.html>.

Neurodevelopmental Disorders

1. Boyle, C.A., S. Boulet, L.A. Schieve, R.A. Cohen, S.J. Blumberg, M. Yeargin-Allsopp, S. Visser, and M.D. Kogan. 2011. Trends in the prevalence of developmental disabilities in US Children, 1997-2008. *Pediatrics* 127 (6):1034-42.
2. Pastor, P.N., and C.A. Reuben. 2008. Diagnosed attention deficit hyperactivity disorder and learning disability: United States, 2004-2006. *Vital and Health Statistics* 10 (237).
3. Grandjean, P., and P.J. Landrigan. 2006. Developmental neurotoxicity of industrial chemicals. *Lancet* 368 (9553):2167-78.
4. Newschaffer, C.J., M.D. Falb, and J.G. Gurney. 2005. National autism prevalence trends from United States special education data. *Pediatrics* 115 (3):e277-82.
5. Prior, M. 2003. Is there an increase in the prevalence of autism spectrum disorders? *Journal of Paediatrics and Child Health* 39 (2):81-2.
6. Rutter, M. 2005. Incidence of autism spectrum disorders: changes over time and their meaning. *Acta Paediatrica* 94 (1):2-15.
7. Centers for Disease Control and Prevention. 2010. Increasing prevalence of parent-reported attention-deficit/hyperactivity disorder among children --- United States, 2003 and 2007. *Morbidity and Mortality Weekly Report* 59 (44):1439-43.
8. Centers for Disease Control and Prevention. 2009. Prevalence of autism spectrum disorders --- autism and developmental disabilities monitoring network, United States, 2006. *Morbidity and Mortality Weekly Report* 58 (SS 10):1-20.
9. Hertz-Picciotto, I., and L. Delwiche. 2009. The rise in autism and the role of age at diagnosis. *Epidemiology* 20 (1):84-90.
10. Newschaffer, C.J. 2006. Investigating diagnostic substitution and autism prevalence trends. *Pediatrics* 117 (4):1436-7.
11. Grupp-Phelan, J., J.S. Harman, and K.J. Kelleher. 2007. Trends in mental health and chronic condition visits by children presenting for care at U.S. emergency departments. *Public Health Reports* 122 (1):55-61.

Neurodevelopmental Disorders (continued)

12. Kelleher, K.J., T.K. McInerney, W.P. Gardner, G.E. Childs, and R.C. Wasserman. 2000. Increasing identification of psychosocial problems: 1979-1996. *Pediatrics* 105 (6):1313-21.
13. U.S. Department of Education. 2007. *27th Annual (2005) Report to Congress on the Implementation of the Individuals with Disabilities Education Act, Vol. 1*. Washington, DC.
14. Aarnoudse-Moens, C.S.H., N. Weisglas-Kuperus, J.B. van Goudoever, and J. Oosterlaan. 2009. Meta-analysis of neurobehavioral outcomes in very preterm and/or very low birth weight children. *Pediatrics* 124 (2):717-728.
15. Banerjee, T.D., F. Middleton, and S.V. Faraone. 2007. Environmental risk factors for attention-deficit hyperactivity disorder. *Acta Paediatrica* 96 (9):1269-1274.
16. Bhutta, A.T., M.A. Cleves, P.H. Casey, M.M. Cradock, and K.J.S. Anand. 2002. Cognitive and behavioral outcomes of school-aged children who were born preterm. *JAMA: The Journal of the American Medical Association* 288 (6):728-737.
17. Herrmann, M., K. King, and M. Weitzman. 2008. Prenatal tobacco smoke and postnatal secondhand smoke exposure and child neurodevelopment. *Current Opinion in Pediatrics* 20 (2):184-190.
18. Institute of Medicine. 2007. *Preterm Birth: Causes, Consequences, and Prevention*. Edited by R. E. Behrman and A. S. Butler. Washington, DC: The National Academies Press.
19. Linnet, K.M., S. Dalsgaard, C. Obel, K. Wisborg, T.B. Henriksen, A. Rodriguez, A. Kotimaa, I. Moilanen, P.H. Thomsen, J. Olsen, et al. 2003. Maternal lifestyle factors in pregnancy risk of attention deficit hyperactivity disorder and associated behaviors: review of the current evidence. *The American Journal of Psychiatry* 160 (6):1028-40.
20. Nigg, J.T. 2006. *What Causes ADHD? Understanding What Goes Wrong and Why*. New York: The Guilford Press.
21. Weiss, B., and D.C. Bellinger. 2006. Social ecology of children's vulnerability to environmental pollutants. *Environmental Health Perspectives* 114 (10):1479-1485.
22. National Toxicology Program. 2012. *NTP Monograph on Health Effects of Low-Level Lead*. Research Triangle Park, NC: National Institute of Environmental Health Sciences, National Toxicology Program. <http://ntp.niehs.nih.gov/go/36443>.
23. U.S. Environmental Protection Agency. 1997. *Mercury Study Report to Congress Volumes I to VII*. Washington DC: U.S. Environmental Protection Agency Office of Air Quality Planning and Standards and Office of Research and Development. EPA-452/R-97-003. <http://www.epa.gov/hg/report.htm>.
24. Amin-Zaki, L., S. Elhassani, M.A. Majeed, T.W. Clarkson, R.A. Doherty, and M. Greenwood. 1974. Intra-uterine methylmercury poisoning in Iraq. *Pediatrics* 54 (5):587-95.
25. Harada, M. 1995. Minamata disease: methylmercury poisoning in Japan caused by environmental pollution. *Critical Reviews in Toxicology* 25 (1):1-24.
26. National Research Council. 2000. *Toxicological Effects of Methylmercury*. Washington, DC: National Academy Press.
27. Budtz-Jorgensen, E., P. Grandjean, and P. Weihe. 2007. Separation of risks and benefits of seafood intake. *Environmental Health Perspectives* 115 (3):323-7.
28. Crump, K.S., T. Kjellstrom, A.M. Shipp, A. Silvers, and A. Stewart. 1998. Influence of prenatal mercury exposure upon scholastic and psychological test performance: benchmark analysis of a New Zealand cohort. *Risk Analysis* 18 (6):701-13.
29. Debes, F., E. Budtz-Jorgensen, P. Weihe, R.F. White, and P. Grandjean. 2006. Impact of prenatal methylmercury exposure on neurobehavioral function at age 14 years. *Neurotoxicology and Teratology* 28 (5):536-47.
30. Grandjean, P., P. Weihe, R.F. White, F. Debes, S. Araki, K. Yokoyama, K. Murata, N. Sorensen, R. Dahl, and P.J. Jorgensen. 1997. Cognitive deficit in 7-year-old children with prenatal exposure to methylmercury. *Neurotoxicology and Teratology* 19 (6):417-28.
31. Kjellstrom, T., P. Kennedy, S. Wallis, and C. Mantell. 1986. *Physical and mental development of children with prenatal exposure to mercury from fish. Stage 1: Preliminary tests at age 4*. Sweden: Swedish National Environmental Protection Board.
32. Oken, E., and D.C. Bellinger. 2008. Fish consumption, methylmercury and child neurodevelopment. *Current Opinion in Pediatrics* 20 (2):178-83.
33. Myers, G.J., P.W. Davidson, C. Cox, C.F. Shamlaye, D. Palumbo, E. Cernichiari, J. Sloane-Reeves, G.E. Wilding, J. Kost, L.S. Huang, et al. 2003. Prenatal methylmercury exposure from ocean fish consumption in the Seychelles child development study. *Lancet* 361 (9370):1686-92.
34. Davidson, P.W., J.J. Strain, G.J. Myers, S.W. Thurston, M.P. Bonham, C.F. Shamlaye, A. Stokes-Riner, J.M. Wallace, P.J. Robson, E.M. Duffy, et al. 2008. Neurodevelopmental effects of maternal nutritional status and exposure to methylmercury from eating fish during pregnancy. *Neurotoxicology* 29 (5):767-75.

Neurodevelopmental Disorders (continued)

35. Lynch, M.L., L.S. Huang, C. Cox, J.J. Strain, G.J. Myers, M.P. Bonham, C.F. Shamlaye, A. Stokes-Riner, J.M. Wallace, E.M. Duffy, et al. 2011. Varying coefficient function models to explore interactions between maternal nutritional status and prenatal methylmercury toxicity in the Seychelles Child Development Nutrition Study. *Environmental Research* 111 (1):75-80.
36. Strain, J.J., P.W. Davidson, M.P. Bonham, E.M. Duffy, A. Stokes-Riner, S.W. Thurston, J.M. Wallace, P.J. Robson, C.F. Shamlaye, L.A. Georger, et al. 2008. Associations of maternal long-chain polyunsaturated fatty acids, methyl mercury, and infant development in the Seychelles Child Development Nutrition Study. *Neurotoxicology* 29 (5):776-782.
37. Lederman, S.A., R.L. Jones, K.L. Caldwell, V. Rauh, S.E. Sheets, D. Tang, S. Viswanathan, M. Becker, J.L. Stein, R.Y. Wang, et al. 2008. Relation between cord blood mercury levels and early child development in a World Trade Center cohort. *Environmental Health Perspectives* 116 (8):1085-91.
38. Oken, E., J.S. Radesky, R.O. Wright, D.C. Bellinger, C.J. Amarasiwardena, K.P. Kleinman, H. Hu, and M.W. Gillman. 2008. Maternal fish intake during pregnancy, blood mercury levels, and child cognition at age 3 years in a US cohort. *American Journal of Epidemiology* 167 (10):1171-81.
39. Jacobson, J.L., and S.W. Jacobson. 2003. Prenatal exposure to polychlorinated biphenyls and attention at school age. *Journal of Pediatrics* 143 (6):780-8.
40. Sagiv, S.K., S.W. Thurston, D.C. Bellinger, P.E. Tolbert, L.M. Altshul, and S.A. Korrick. 2010. Prenatal organochlorine exposure and behaviors associated with attention deficit hyperactivity disorder in school-aged children. *American Journal of Epidemiology* 171 (5):593-601.
41. Stewart, P., S. Fitzgerald, J. Reihman, B. Gump, E. Lonky, T. Darvill, J. Pagano, and P. Hauser. 2003. Prenatal PCB exposure, the corpus callosum, and response inhibition. *Environmental Health Perspectives* 111 (13):1670-7.
42. Stewart, P., J. Reihman, B. Gump, E. Lonky, T. Darvill, and J. Pagano. 2005. Response inhibition at 8 and 9 1/2 years of age in children prenatally exposed to PCBs. *Neurotoxicology and Teratology* 27 (6):771-80.
43. Stewart, P.W., E. Lonky, J. Reihman, J. Pagano, B.B. Gump, and T. Darvill. 2008. The relationship between prenatal PCB exposure and intelligence (IQ) in 9-year-old children. *Environmental Health Perspectives* 116 (10):1416-22.
44. Stewart, P.W., D.M. Sargent, J. Reihman, B.B. Gump, E. Lonky, T. Darvill, H. Hicks, and J. Pagano. 2006. Response inhibition during Differential Reinforcement of Low Rates (DRL) schedules may be sensitive to low-level polychlorinated biphenyl, methylmercury, and lead exposure in children. *Environmental Health Perspectives* 114 (12):1923-9.
45. Vreugdenhil, H.J., P.G. Mulder, H.H. Emmen, and N. Weisglas-Kuperus. 2004. Effects of perinatal exposure to PCBs on neuropsychological functions in the Rotterdam cohort at 9 years of age. *Neuropsychology* 18 (1):185-93.
46. Darvill, T., E. Lonky, J. Reihman, P. Stewart, and J. Pagano. 2000. Prenatal exposure to PCBs and infant performance on the Fagan test of infant intelligence. *Neurotoxicology* 21 (6):1029-38.
47. Jacobson, J.L., and S.W. Jacobson. 1996. Intellectual impairment in children exposed to polychlorinated biphenyls in utero. *New England Journal of Medicine* 335 (11):783-9.
48. Jacobson, J.L., and S.W. Jacobson. 1997. Teratogen update: polychlorinated biphenyls. *Teratology* 55 (5):338-347.
49. Patandin, S., C.I. Lanting, P.G. Mulder, E.R. Boersma, P.J. Sauer, and N. Weisglas-Kuperus. 1999. Effects of environmental exposure to polychlorinated biphenyls and dioxins on cognitive abilities in Dutch children at 42 months of age. *Journal of Pediatrics* 134 (1):33-41.
50. Stewart, P., J. Reihman, E. Lonky, T. Darvill, and J. Pagano. 2000. Prenatal PCB exposure and neonatal behavioral assessment scale (NBAS) performance. *Neurotoxicology and Teratology* 22 (1):21-9.
51. Walkowiak, J., J.A. Wiener, A. Fastabend, B. Heinzow, U. Kramer, E. Schmidt, H.J. Steingruber, S. Wundram, and G. Winneke. 2001. Environmental exposure to polychlorinated biphenyls and quality of the home environment: effects on psychodevelopment in early childhood. *Lancet* 358 (9293):1602-7.
52. Schantz, S.L., J.J. Widholm, and D.C. Rice. 2003. Effects of PCB exposure on neuropsychological function in children. *Environmental Health Perspectives* 111 (3):357-576.
53. Jacobson, J.L., S.W. Jacobson, and H.E. Humphrey. 1990. Effects of exposure to PCBs and related compounds on growth and activity in children. *Neurotoxicology and Teratology* 12 (4):319-26.
54. Boucher, O., G. Muckle, and C.H. Bastien. 2009. Prenatal exposure to polychlorinated biphenyls: a neuropsychologic analysis. *Environmental Health Perspectives* 117 (1):7-16.
55. Eubig, P.A., A. Aguiar, and S.L. Schantz. 2010. Lead and PCBs as risk factors for attention deficit/hyperactivity disorder. *Environmental Health Perspectives* 118 (12):1654-1667.
56. Ribas-Fito, N., M. Sala, M. Kogevinas, and J. Sunyer. 2001. Polychlorinated biphenyls (PCBs) and neurological development in children: a systematic review. *Journal of Epidemiology and Community Health* 55 (8):537-46.

Neurodevelopmental Disorders (continued)

57. Schantz, S.L., J.C. Gardiner, D.M. Gasior, R.J. McCaffrey, A.M. Sweeney, and H.E.B. Humphrey. 2004. Much Ado About Something: The Weight of Evidence for PCB Effects on Neuropsychological Function. *Psychology in the Schools* 41 (6):669-679.
58. Wigle, D.T., T.E. Arbuckle, M.C. Turner, A. Berube, Q. Yang, S. Liu, and D. Krewski. 2008. Epidemiologic evidence of relationships between reproductive and child health outcomes and environmental chemical contaminants. *Journal of Toxicology and Environmental Health Part B Critical Reviews* 11 (5-6):373-517.
59. Agency for Toxic Substances and Disease Registry (ATSDR). 2000. *Toxicological Profile for Polychlorinated Biphenyls (PCBs)*. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service. <http://www.atsdr.cdc.gov/toxprofiles/tp.asp?id=142&tid=26>.
60. Chen, Y.C., Y.L. Guo, C.C. Hsu, and W.J. Rogan. 1992. Cognitive development of Yu-Cheng ("oil disease") children prenatally exposed to heat-degraded PCBs. *Journal of the American Medical Association* 268 (22):3213-8.
61. Chen, Y.C., M.L. Yu, W.J. Rogan, B.C. Gladen, and C.C. Hsu. 1994. A 6-year follow-up of behavior and activity disorders in the Taiwan Yu-cheng children. *American Journal of Public Health* 84 (3):415-21.
62. Lai, T.J., X. Liu, Y.L. Guo, N.W. Guo, M.L. Yu, C.C. Hsu, and W.J. Rogan. 2002. A cohort study of behavioral problems and intelligence in children with high prenatal polychlorinated biphenyl exposure. *Archives of General Psychiatry* 59 (11):1061-6.
63. Rogan, W.J., B.C. Gladen, K.L. Hung, S.L. Koong, L.Y. Shih, J.S. Taylor, Y.C. Wu, D. Yang, N.B. Ragan, and C.C. Hsu. 1988. Congenital poisoning by polychlorinated biphenyls and their contaminants in Taiwan. *Science* 241 (4863):334-6.
64. Centers for Disease Control and Prevention. 2009. *Fourth National Report on Human Exposure to Environmental Chemicals*. Atlanta, GA: CDC. <http://www.cdc.gov/exposurereport/>.
65. Eskenazi, B., A. Bradman, and R. Castorina. 1999. Exposures of children to organophosphate pesticides and their potential adverse health effects. *Environmental Health Perspectives* 107 (Suppl. 3):409-19.
66. Huen, K., Harley, K., Brooks, J., Hubbard, A., Bradman, A., Eskenazi, B., Holland, N. 2009. Developmental changes in PON1 enzyme activity in young children and effects of PON1 polymorphisms. *Environmental Health Perspectives* 117 (10):1632-8.
67. Marks, A.R., K. Harley, A. Bradman, K. Kogut, D.B. Barr, C. Johnson, N. Calderon, and B. Eskenazi. 2010. Organophosphate pesticide exposure and attention in young Mexican-American children: the CHAMACOS study. *Environmental Health Perspectives* 118 (12):1768-74.
68. Bouchard, M.F., D.C. Bellinger, R.O. Wright, and M.G. Weisskopf. 2010. Attention-Deficit/Hyperactivity Disorder and urinary metabolites of organophosphate pesticides. *Pediatrics* 125 (6):e1270-e1277.
69. Bouchard, M.F., J. Chevrier, K.G. Harley, K. Kogut, M. Vedar, N. Calderon, C. Trujillo, C. Johnson, A. Bradman, D.B. Barr, et al. 2011. Prenatal exposure to organophosphate pesticides and IQ in 7-year old children. *Environmental Health Perspectives* doi: 10.1289/ehp.1003185.
70. Engel, S.M., J. Wetmur, J. Chen, C. Zhu, D.B. Barr, R.L. Canfield, and M.S. Wolff. 2011. Prenatal exposure to organophosphates, paraoxonase 1, and cognitive development in childhood. *Environmental Health Perspectives* doi: 10.1289/ehp.1003183.
71. Rauh, V., S. Arunajadai, M. Horton, F. Perera, L. Hoepner, D.B. Barr, and R. Whyatt. 2011. 7-Year neurodevelopmental scores and prenatal exposure to chlorpyrifos, a common agricultural pesticide. *Environmental Health Perspectives* doi: 10.1289/ehp.1003160.
72. Costa, L.G., G. Giordano, S. Tagliaferri, A. Caglieri, and A. Mutti. 2008. Polybrominated diphenyl ether (PBDE) flame retardants: environmental contamination, human body burden and potential adverse health effects. *Acta Biomed* 79 (3):172-83.
73. Gee, J.R., and V.C. Moser. 2008. Acute postnatal exposure to brominated diphenylether 47 delays neuromotor ontogeny and alters motor activity in mice. *Neurotoxicology and Teratology* 30 (2):79-87.
74. Rice, D.C., E.A. Reeve, A. Herlihy, R.T. Zoeller, W.D. Thompson, and V.P. Markowski. 2007. Developmental delays and locomotor activity in the C57BL6/J mouse following neonatal exposure to the fully-brominated PBDE, decabromodiphenyl ether. *Neurotoxicology and Teratology* 29 (4):511-20.
75. Herbstman, J.B., A. Sjodin, M. Kurzon, S.A. Lederman, R.S. Jones, V. Rauh, L.L. Needham, D. Tang, M. Niedzwiecki, R.Y. Wang, et al. 2010. Prenatal exposure to PBDEs and neurodevelopment. *Environmental Health Perspectives* 118 (5):712-9.
76. Roze, E., L. Meijer, A. Bakker, K.N. Van Braeckel, P.J. Sauer, and A.F. Bos. 2009. Prenatal exposure to organohalogenes, including brominated flame retardants, influences motor, cognitive, and behavioral performance at school age. *Environmental Health Perspectives* 117 (12):1953-8.
77. Engel, S.M., A. Miodovnik, R.L. Canfield, C. Zhu, M.J. Silva, A.M. Calafat, and M.S. Wolff. 2010. Prenatal phthalate exposure is associated with childhood behavior and executive functioning. *Environmental Health Perspectives* 118 (4):565-71.
78. Miodovnik, A., S.M. Engel, C. Zhu, X. Ye, L.V. Soorya, M.J. Silva, A.M. Calafat, and M.S. Wolff. 2011. Endocrine disruptors and childhood social impairment. *Neurotoxicology* 32 (2):261-267.
79. Cho, S.-C., S.-Y. Bhang, Y.-C. Hong, M.-S. Shin, B.-N. Kim, J.-W. Kim, H.-J. Yoo, I.H. Cho, and H.-W. Kim. 2010. Relationship between environmental phthalate exposure and the intelligence of school-age children. *Environmental Health Perspectives* 118 (7):1027-1032.

Neurodevelopmental Disorders (continued)

80. Kim, B.N., S.C. Cho, Y. Kim, M.S. Shin, H.J. Yoo, J.W. Kim, Y.H. Yang, H.W. Kim, S.Y. Bhang, and Y.C. Hong. 2009. Phthalates exposure and attention-deficit/hyperactivity disorder in school-age children. *Biological Psychiatry* 66 (10):958-63.
81. National Toxicology Program. 2008. *NTP-CERHR Monograph on the Potential Human Reproductive and Developmental Effects of Bisphenol A*. Research Triangle Park, NC: National Institute of Environmental Health Sciences, National Toxicology Program. <http://ntp.niehs.nih.gov/ntp/ohat/bisphenol/bisphenol.pdf>.
82. Braun, J.M., K. Yolton, K.N. Dietrich, R. Hornung, X. Ye, A.M. Calafat, and B.P. Lanphear. 2009. Prenatal bisphenol A exposure and early childhood behavior. *Environmental Health Perspectives* 117 (12):1945-1952.
83. Perera, F.P., Z. Li, R. Whyatt, L. Hoepner, S. Wang, D. Camann, and V. Rauh. 2009. Prenatal airborne polycyclic aromatic hydrocarbon exposure and child IQ at age 5 years. *Pediatrics* 124 (2):e195-202.
84. Perera, F.P., S. Wang, J. Vishnevetsky, B. Zhang, K.J. Cole, D. Tang, V. Rauh, and D.H. Phillips. 2011. PAH/Aromatic DNA Adducts in Cord Blood and Behavior Scores in New York City Children. *Environmental Health Perspectives* doi:10.1289/ehp.1002705.
85. Smith, A.H., and C.M. Steinmaus. 2009. Health effects of arsenic and chromium in drinking water: recent human findings. *Annual Review of Public Health* 30:107-22.
86. Sambu, S., and R. Wilson. 2008. Arsenic in food and water--a brief history. *Toxicology and Industrial Health* 24 (4):217-26.
87. U.S. Environmental Protection Agency. 2011. *Perchlorate* Retrieved February 11, 2011 from <http://www.epa.gov/safewater/contaminants/unregulated/perchlorate.html>.
88. Kirk, A.B., P.K. Martinelango, K. Tian, A. Dutta, E.E. Smith, and P.K. Dasgupta. 2005. Perchlorate and iodide in dairy and breast milk. *Environmental Science & Technology* 39 (7):2011-7.
89. Sanchez, C.A., L.M. Barraj, B.C. Blount, C.G. Scrafford, L. Valentin-Blasini, K.M. Smith, and R.I. Krieger. 2009. Perchlorate exposure from food crops produced in the lower Colorado River region. *Journal of Exposure Science & Environmental Epidemiology* 19 (4):359-68.
90. Greer, M.A., G. Goodman, R.C. Pleus, and S.E. Greer. 2002. Health effects assessment for environmental perchlorate contamination: the dose response for inhibition of thyroidal radioiodine uptake in humans. *Environmental Health Perspectives* 110 (9):927-37.
91. National Research Council. 2005. *Health Implications of Perchlorate Ingestion*. Washington, DC: National Academies Press. http://www.nap.edu/catalog.php?record_id=11202.
92. Haddow, J.E., G.E. Palomaki, W.C. Allan, J.R. Williams, G.J. Knight, J. Gagnon, C.E. O'Heir, M.L. Mitchell, R.J. Hermos, S.E. Waisbren, et al. 1999. Maternal thyroid deficiency during pregnancy and subsequent neuropsychological development of the child. *New England Journal of Medicine* 341 (8):549-55.
93. Miller, M.D., K.M. Crofton, D.C. Rice, and R.T. Zoeller. 2009. Thyroid-disrupting chemicals: interpreting upstream biomarkers of adverse outcomes. *Environmental Health Perspectives* 117 (7):1033-41.
94. Morreale de Escobar, G., M.J. Obregon, and F. Escobar del Rey. 2000. Is neuropsychological development related to maternal hypothyroidism or to maternal hypothyroxinemia? *The Journal of Clinical Endocrinology and Metabolism* 85 (11):3975-87.
95. Bellinger, D.C. 2008. Lead neurotoxicity and socioeconomic status: conceptual and analytical issues. *Neurotoxicology* 29 (5):828-32.
96. Rice, D.C. 2000. Parallels between attention deficit hyperactivity disorder and behavioral deficits produced by neurotoxic exposure in monkeys. *Environmental Health Perspectives* 108 (Suppl. 3):405-408.
97. Rodier, P.M. 1995. Developing brain as a target of toxicity. *Environmental Health Perspectives* 103 Suppl. 6:73-6.
98. American Psychiatric Association. 2000. *Diagnostic and Statistical Manual of Mental Disorders, Fourth Edition Text Revision*. Washington D.C.: American Psychiatric Association.
99. American Psychiatric Association. 1987. *Diagnostic and Statistical Manual of Mental Disorders, Third Edition Text Revision (DSM-III-R)*. Washington, D.C.
100. Larson, K., S.A. Russ, R.S. Kahn, and N. Halfon. 2011. Patterns of comorbidity, functioning, and service use for U.S. children with ADHD, 2007. *Pediatrics* 127 (3):462-470.
101. Aguiar, A., P.A. Eubig, and S.L. Schantz. 2010. Attention deficit/hyperactivity disorder: a focused overview for children's environmental health researchers. *Environmental Health Perspectives* 118 (12):1646-53.
102. Barkley, R.A. 2006. *Attention-Deficit Hyperactivity Disorder: A Handbook for Diagnosis and Treatment, Third Edition*. New York: The Guilford Press.
103. Biederman, J., and S.V. Faraone. 2005. Attention-deficit hyperactivity disorder. *Lancet* 366 (9481):237-48.
104. Faraone, S.V., and E. Mick. 2010. Molecular genetics of attention deficit hyperactivity disorder. *Psychiatric Clinics of North America* 33 (1):159-80.

Neurodevelopmental Disorders (continued)

105. Kieling, C., R.R. Goncalves, R. Tannock, and F.X. Castellanos. 2008. Neurobiology of attention deficit hyperactivity disorder. *Child and Adolescent Psychiatric Clinics of North America* 17 (2):285-307, viii.
106. Thapar, A., K. Langley, P. Asherson, and M. Gill. 2007. Gene-environment interplay in attention-deficit hyperactivity disorder and the importance of a developmental perspective. *The British Journal of Psychiatry* 190:1-3.
107. Langley, K., F. Rice, M.B. van den Bree, and A. Thapar. 2005. Maternal smoking during pregnancy as an environmental risk factor for attention deficit hyperactivity disorder behaviour. A review. *Minerva Pediatrica* 57 (6):359-71.
108. Nigg, J., M. Nikolas, and S.A. Burt. 2010. Measured gene-by-environment interaction in relation to attention-deficit/hyperactivity disorder. *Journal of the American Academy of Child and Adolescent Psychiatry* 49 (9):863-73.
109. Braun, J.M., R.S. Kahn, T. Froehlich, P. Auinger, and B.P. Lanphear. 2006. Exposures to environmental toxicants and attention deficit hyperactivity disorder in U.S. children. *Environmental Health Perspectives* 114 (12):1904-9.
110. Froehlich, T.E., B.P. Lanphear, P. Auinger, R. Hornung, J.N. Epstein, J. Braun, and R.S. Kahn. 2009. Association of tobacco and lead exposures with attention-deficit/hyperactivity disorder. *Pediatrics* 124 (6):e1054-63.
111. Ha, M., H.J. Kwon, M.H. Lim, Y.K. Jee, Y.C. Hong, J.H. Leem, J. Sakong, J.M. Bae, S.J. Hong, Y.M. Roh, et al. 2009. Low blood levels of lead and mercury and symptoms of attention deficit hyperactivity in children: a report of the children's health and environment research (CHEER). *Neurotoxicology* 30 (1):31-6.
112. Nigg, J.T., G.M. Knottnerus, M.M. Martel, M. Nikolas, K. Cavanagh, W. Karmaus, and M.D. Rappley. 2008. Low blood lead levels associated with clinically diagnosed attention-deficit/hyperactivity disorder and mediated by weak cognitive control. *Biological Psychiatry* 63 (3):325-31.
113. Nigg, J.T., M. Nikolas, G. Mark Knottnerus, K. Cavanagh, and K. Friderici. 2010. Confirmation and extension of association of blood lead with attention-deficit/hyperactivity disorder (ADHD) and ADHD symptom domains at population-typical exposure levels. *The Journal of Child Psychology and Psychiatry* 51 (1):58-65.
114. Roy, A., D. Bellinger, H. Hu, J. Schwartz, A.S. Ettinger, R.O. Wright, M. Bouchard, K. Palaniappan, and K. Balakrishnan. 2009. Lead exposure and behavior among young children in Chennai, India. *Environmental Health Perspectives* 117 (10):1607-11.
115. Wang, H.-L., X.-T. Chen, B. Yang, F.-L. Ma, S. Wang, M.-L. Tang, N.-G. Hao, and D.-Y. Ruan. 2008. Case-control study of blood lead levels and attention-deficit hyperactivity disorder in Chinese children. *Environmental Health Perspectives* 116 (10):1401-1406.
116. Canfield, R.L., M.H. Gendle, and D.A. Cory-Slechta. 2004. Impaired neuropsychological functioning in lead-exposed children. *Developmental Neuropsychology* 26 (1):513-40.
117. Chiodo, L.M., S.W. Jacobson, and J.L. Jacobson. 2004. Neurodevelopmental effects of postnatal lead exposure at very low levels. *Neurotoxicology and Teratology* 26 (3):359-71.
118. Nicolescu, R., C. Petcu, A. Cordeanu, K. Fabritius, M. Schlumpf, R. Krebs, U. Kramer, and G. Winneke. 2010. Environmental exposure to lead, but not other neurotoxic metals, relates to core elements of ADHD in Romanian children: performance and questionnaire data. *Environmental Research* 110 (5):476-83.
119. Surkan, P.J., A. Zhang, F. Trachtenberg, D.B. Daniel, S. McKinlay, and D.C. Bellinger. 2007. Neuropsychological function in children with blood lead levels <10 microg/dL. *Neurotoxicology* 28 (6):1170-7.
120. Rice, D.C. 1996. Behavioral effects of lead: commonalities between experimental and epidemiologic data. *Environmental Health Perspectives* 104 (Suppl. 2):337-51.
121. Rossi-George, A., M.B. Virgolini, D. Weston, M. Thiruchelvam, and D.A. Cory-Slechta. 2011. Interactions of lifetime lead exposure and stress: behavioral, neurochemical and HPA axis effects. *Neurotoxicology* 32 (1):83-99.
122. Virgolini, M.B., A. Rossi-George, R. Lisek, D.D. Weston, M. Thiruchelvam, and D.A. Cory-Slechta. 2008. CNS effects of developmental Pb exposure are enhanced by combined maternal and offspring stress. *Neurotoxicology* 29 (5):812-27.
123. Gump, B.B., Q. Wu, A.K. Dumas, and K. Kannan. 2011. Perfluorochemical (PFC) exposure in children: associations with impaired response inhibition. *Environmental Science & Technology* 45 (19):8151-9.
124. Hoffman, K., T.F. Webster, M.G. Weisskopf, J. Weinberg, and V.M. Vieira. 2010. Exposure to polyfluoroalkyl chemicals and attention deficit/hyperactivity disorder in U.S. children 12-15 years of age. *Environmental Health Perspectives* 118 (12):1762-7.
125. Stein, C.R., and D.A. Savitz. 2011. Serum perfluorinated compound concentration and attention deficit/hyperactivity disorder in children aged 5 to 18 years. *Environmental Health Perspectives* 119 (10):1466-71.
126. Cheuk, D.K., and V. Wong. 2006. Attention-deficit hyperactivity disorder and blood mercury level: a case-control study in Chinese children. *Neuropediatrics* 37 (4):234-40.
127. Julvez, J., F. Debes, P. Weihe, A. Choi, and P. Grandjean. 2010. Sensitivity of continuous performance test (CPT) at age 14 years to developmental methylmercury exposure. *Neurotoxicology and Teratology* 32 (6):627-632.

Neurodevelopmental Disorders (continued)

128. Plusquellec, P., G. Muckle, E. Dewailly, P. Ayotte, G. Begin, C. Desrosiers, C. Despres, D. Saint-Amour, and K. Poitras. 2010. The relation of environmental contaminants exposure to behavioral indicators in Inuit preschoolers in Arctic Quebec. *Neurotoxicology* 31 (1):17-25.
129. National Dissemination Center for Children with Disabilities. 2010. *Disability Fact Sheet-No. 7: Learning Disabilities*. Retrieved April 6, 2010 from <http://www.nichcy.org/InformationResources/Documents/NICHCY%20PUBS/fs7.pdf>.
130. National Center for Learning Disabilities. 2010. *LD at a Glance*. Retrieved April 6, 2010 from <http://www.nclld.org/ld-basics/ld-explained/basic-facts/learning-disabilities-at-a-glance>.
131. Bellinger, D.C. 2008. Very low lead exposures and children's neurodevelopment. *Current Opinion in Pediatrics* 20 (2):172-177.
132. Marlowe, M., A. Cossairt, K. Welch, and J. Errera. 1984. Hair mineral content as a predictor of learning disabilities. *Journal of Learning Disabilities* 17 (7):418-21.
133. Pihl, R.O., and M. Parkes. 1977. Hair element content in learning disabled children. *Science* 198 (4313):204-6.
134. Leviton, A., D. Bellinger, E.N. Allred, M. Rabinowitz, H. Needleman, and S. Schoenbaum. 1993. Pre- and postnatal low-level lead exposure and children's dysfunction in school. *Environmental Research* 60 (1):30-43.
135. Lyngbye, T., O.N. Hansen, A. Trillingsgaard, I. Beese, and P. Grandjean. 1990. Learning disabilities in children: significance of low-level lead-exposure and confounding factors. *Acta Paediatrica Scandinavica* 79 (3):352-60.
136. Needleman, H.L., C. Gunnoe, A. Leviton, R. Reed, H. Peresie, C. Maher, and P. Barrett. 1979. Deficits in psychologic and classroom performance of children with elevated dentine lead levels. *New England Journal of Medicine* 300 (13):689-95.
137. Needleman, H.L., A. Schell, D.C. Bellinger, A. Leviton, and E.N. Allred. 1990. The long term effects of exposure to low doses of lead in childhood, an 11-year follow-up report. *New England Journal of Medicine* 322 (2):83-8.
138. Anderko, L., J. Braun, and P. Auinger. 2010. Contribution of tobacco smoke exposure to learning disabilities. *Journal of Obstetric, Gynecologic, & Neonatal Nursing* 39 (1):111-117.
139. Centers for Disease Control and Prevention. 2010. *Autism Spectrum Disorders: Signs & Symptoms*. Retrieved March 25, 2010 from <http://www.cdc.gov/ncbddd/autism/signs.html>.
140. Beaudet, A.L. 2007. Autism: highly heritable but not inherited. *Nature Medicine* 13 (5):534-6.
141. Hallmayer, J., S. Cleveland, A. Torres, J. Phillips, B. Cohen, T. Torigoe, J. Miller, A. Fedele, J. Collins, K. Smith, et al. 2011. Genetic heritability and shared environmental factors among twin pairs with autism. *Archives of General Psychiatry* 68 (11):1095-102.
142. Levy, D., M. Ronemus, B. Yamrom, Y.-h. Lee, A. Leotta, J. Kendall, S. Marks, B. Lakshmi, D. Pai, K. Ye, et al. 2011. Rare de novo and transmitted copy-number variation in autistic spectrum disorders. *Neuron* 70 (5):886-897.
143. King, M., and P. Bearman. 2009. Diagnostic change and the increased prevalence of autism. *International Journal of Epidemiology* 38 (5):1224-1234.
144. King, M.D., C. Fountain, D. Dakhllallah, and P.S. Bearman. 2009. Estimated autism risk and older reproductive age. *American Journal of Public Health* 99 (9):1673-1679.
145. Liu, K.Y., M. King, and P.S. Bearman. 2010. Social influence and the autism epidemic. *American Journal of Sociology* 115 (5):1387-434.
146. Shelton, J.F., D.J. Tancredi, and I. Hertz-Picciotto. 2010. Independent and dependent contributions of advanced maternal and paternal ages to autism risk. *Autism Research* 3 (1):30-9.
147. Pessah, I.N., R.F. Seegal, P.J. Lein, J. LaSalle, B.K. Yee, J. Van De Water, R.F. Berman. 2008. Immunologic and neurodevelopmental susceptibilities of autism. *Neurotoxicology* 29 (3):532-45.
148. Newschaffer, C.J., L.A. Croen, J. Daniels, E. Giarelli, J.K. Grether, S.E. Levy, D.S. Mandell, L.A. Miller, J. Pinto-Martin, J. Reaven, et al. 2007. The epidemiology of autism spectrum disorders. *Annual Review of Public Health* 28:235-58.
149. Sanders, S.J., A.G. Ercan-Sencicek, V. Hus, R. Luo, M.T. Murtha, D. Moreno-De-Luca, S.H. Chu, M.P. Moreau, A.R. Gupta, S.A. Thomson, et al. 2011. Multiple Recurrent De Novo CNVs, Including Duplications of the 7q11.23 Williams Syndrome Region, Are Strongly Associated with Autism. *Neuron* 70 (5):863-85.
150. Sebat, J., B. Lakshmi, D. Malhotra, J. Troge, C. Lese-Martin, T. Walsh, B. Yamrom, S. Yoon, A. Krasnitz, J. Kendall, et al. 2007. Strong association of de novo copy number mutations with autism. *Science* 316 (5823):445-9.
151. Kinney, D.K., D.H. Barch, B. Chayka, S. Napoleon, and K.M. Munir. 2010. Environmental risk factors for autism: do they help cause de novo genetic mutations that contribute to the disorder? *Medical Hypotheses* 74 (1):102-6.
152. James, S.J., P. Cutler, S. Melnyk, S. Jernigan, L. Janak, D.W. Gaylor, and J.A. Neubrandner. 2004. Metabolic biomarkers of increased oxidative stress and impaired methylation capacity in children with autism. *American Journal of Clinical Nutrition* 80 (6):1611-7.

Neurodevelopmental Disorders (continued)

153. James, S.J., S. Melnyk, S. Jernigan, M.A. Cleves, C.H. Halsted, D.H. Wong, P. Cutler, K. Bock, M. Boris, J.J. Bradstreet, et al. 2006. Metabolic endophenotype and related genotypes are associated with oxidative stress in children with autism. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics* 141B (8):947-56.
154. Deth, R., C. Muratore, J. Benzecry, V.A. Power-Charnitsky, and M. Waly. 2008. How environmental and genetic factors combine to cause autism: A redox/methylation hypothesis. *Neurotoxicology* 29 (1):190-201.
155. Croen, L.A., D.V. Najjar, B. Fireman, and J.K. Grether. 2007. Maternal and paternal age and risk of autism spectrum disorders. *Archives of Pediatric & Adolescent Medicine* 161 (4):334-40.
156. Grether, J.K., M.C. Anderson, L.A. Croen, D. Smith, and G.C. Windham. 2009. Risk of autism and increasing maternal and paternal age in a large North American population. *American Journal of Epidemiology* 170 (9):1118-26.
157. Lauritsen, M.B., C.B. Pedersen, and P.B. Mortensen. 2005. Effects of familial risk factors and place of birth on the risk of autism: a nationwide register-based study. *Journal of Child Psychology and Psychiatry* 46 (9):963-71.
158. Chandley, A.C. 1991. On the parental origin of de novo mutation in man. *Journal of Medical Genetics* 28 (4):217-23.
159. Crow, J.F. 2000. The origins, patterns and implications of human spontaneous mutation. *Nature Reviews Genetics* 1 (1):40-7.
160. Adams, J.B., J. Romdalvik, V.M. Ramanujam, and M.S. Legator. 2007. Mercury, lead, and zinc in baby teeth of children with autism versus controls. *Journal of Toxicology and Environmental Health A* 70 (12):1046-51.
161. Bradstreet, J., D.A. Geier, J.J. Kartzinel, J.B. Adams, and M.R. Feier. 2003. A case-control study of mercury burden in children with autistic spectrum disorders. *Journal of American Physicians and Surgeons* 8 (3).
162. Desoto, M.C., and R.T. Hitlan. 2007. Blood levels of mercury are related to diagnosis of autism: a reanalysis of an important data set. *Journal of Child Neurology* 22 (11):1308-11.
163. Hertz-Picciotto, I., P.G. Green, L. Delwiche, R. Hansen, C. Walker, and I.N. Pessah. 2010. Blood mercury concentrations in CHARGE Study children with and without autism. *Environmental Health Perspectives* 118 (1):161-6.
164. Palmer, R.F., S. Blanchard, and R. Wood. 2009. Proximity to point sources of environmental mercury release as a predictor of autism prevalence. *Health Place* 15 (1):18-24.
165. Centers for Disease Control and Prevention. *Mercury and Thimerosal: Vaccine Safety*. CDC. Retrieved October 12, 2010 from <http://www.cdc.gov/vaccinesafety/Concerns/thimerosal/index.html>.
166. Institute of Medicine. 2004. *Immunization Safety Review: Vaccines and Autism*. Washington, DC: National Academies Press. http://www.nap.edu/catalog.php?record_id=10997.
167. Kalkbrenner, A.E., J.L. Daniels, J.-C. Chen, C. Poole, M. Emch, and J. Morrissey. 2010. Perinatal Exposure to Hazardous Air Pollutants and Autism Spectrum Disorders at Age 8. *Epidemiology* 21 (5):631-41.
168. Windham, G.C., L. Zhang, R. Gunier, L.A. Croen, and J.K. Grether. 2006. Autism spectrum disorders in relation to distribution of hazardous air pollutants in the San Francisco Bay area. *Environmental Health Perspectives* 114 (9):1438-44.
169. Volk, H.E., I. Hertz-Picciotto, L. Delwiche, F. Lurmann, and R. McConnell. 2011. Residential Proximity to Freeways and Autism in the CHARGE Study. *Environmental Health Perspectives* 119 (6):873-7.
170. Larsson, M., B. Weiss, S. Janson, J. Sundell, and C.G. Bornehag. 2009. Associations between indoor environmental factors and parental-reported autistic spectrum disorders in children 6-8 years of age. *Neurotoxicology* 30 (5):822-31.
171. American Association of Intellectual and Developmental Disabilities. 2009. *FAQ on Intellectual Disability*. Retrieved March 23, 2009 from http://www.aamr.org/content_104.cfm?navID=22.
172. Schroeder, S.R. 2000. Mental retardation and developmental disabilities influenced by environmental neurotoxic insults. *Environmental Health Perspectives* 108 (Suppl. 3):395-9.
173. Daily, D.K., H.H. Ardinger, and G.E. Holmes. 2000. Identification and evaluation of mental retardation. *American Family Physician* 61 (4):1059-67, 1070.
174. Flint, J., and A.O. Wilkie. 1996. The genetics of mental retardation. *British Medical Bulletin* 52 (3):453-64.
175. Murphy, C., C. Boyle, D. Schendel, P. Decouflé, and M. Yeargin-Allsopp. 1998. Epidemiology of mental retardation in children. *Mental Retardation and Developmental Disabilities Research Reviews* 4 (1):6-13.
176. Bakir, F., H. Rustam, S. Tikriti, S.F. Al-Damluji, and H. Shihristani. 1980. Clinical and epidemiological aspects of methylmercury poisoning. *Postgraduate Medical Journal* 56 (651):1-10.
177. David, O., S. Hoffman, B. McGann, J. Sverd, and J. Clark. 1976. Low lead levels and mental retardation. *Lancet* 2 (8000):1376-9.

Neurodevelopmental Disorders (continued)

178. McDermott, S., J. Wu, B. Cai, A. Lawson, and C. Marjorie Aelion. 2011. Probability of intellectual disability is associated with soil concentrations of arsenic and lead. *Chemosphere* 84 (1):31-8.
179. U.S. Environmental Protection Agency. 2006. *Air Quality Criteria for Lead (Final Report)*. Washington, DC: U.S. EPA, National Center for Environmental Assessment. EPA/600/R-05/144aF-bF. <http://cfpub.epa.gov/ncea/isa/recordisplay.cfm?deid=158823>.
180. Edwards, S.C., W. Jedrychowski, M. Butscher, D. Camann, A. Kieltyka, E. Mroz, E. Flak, Z. Li, S. Wang, V. Rauh, et al. 2010. Prenatal exposure to airborne polycyclic aromatic hydrocarbons and children's intelligence at age 5 in a prospective cohort study in Poland. *Environmental Health Perspectives* 118 (9):1326-31.
181. Fewtrell, L.J., A. Pruss-Ustun, P. Landrigan, and J.L. Ayuso-Mateos. 2004. Estimating the global burden of disease of mild mental retardation and cardiovascular diseases from environmental lead exposure. *Environmental Research* 94 (2):120-33.
182. U.S. Environmental Protection Agency. 1997. *The Benefits and Costs of the Clean Air Act, 1970 to 1990*. Washington, DC: U.S. EPA, Office of Air and Radiation. <http://www.epa.gov/air/sect812/copy.html>.
183. Weiss, B. 2000. Vulnerability of children and the developing brain to neurotoxic hazards. *Environmental Health Perspectives* 108 (Suppl. 3):375-81.
184. De Los Reyes, A., and A.E. Kazdin. 2005. Informant discrepancies in the assessment of childhood psychopathology: a critical review, theoretical framework, and recommendations for further study. *Psychological Bulletin* 131 (4):483-509.
185. Owens, P.L., K. Hoagwood, S.M. Horwitz, P.J. Leaf, J.M. Poduska, S.G. Kellam, and N.S. Ialongo. 2002. Barriers to children's mental health services. *Journal of the American Academy of Child and Adolescent Psychiatry* 41 (6):731-8.
186. U.S. Department of Health and Human Services. 1999. *Mental Health: A Report of the Surgeon General—Executive Summary*. Rockville, MD: U.S. DHS, Substance Abuse and Mental Health Services Administration, Center for Mental Health Services, National Institutes of Health, National Institute of Mental Health. <http://www.surgeongeneral.gov/library/mentalhealth/pdfs/ExSummary-Final.pdf>.
187. Centers for Disease Control and Prevention. 2007. Prevalence of autism spectrum disorders---autism and developmental disabilities monitoring network, 14 sites, United States, 2002. In: Surveillance Summaries. *Morbidity and Mortality Weekly Report* 56 (No. SS-1):12-28.
188. Kogan, M.D., S.J. Blumberg, L.A. Schieve, C.A. Boyle, J.M. Perrin, R.M. Ghandour, G.K. Singh, B.B. Strickland, E. Trevathan, and P.C. van Dyck. 2009. Prevalence of parent-reported diagnosis of autism spectrum disorder among children in the US, 2007. *Pediatrics* 124 (5):1395-403.

Obesity

1. Centers for Disease Control and Prevention. 2010. *Defining Childhood Overweight and Obesity*. Retrieved April 6, 2010 from <http://www.cdc.gov/obesity/childhood/defining.html>.
2. Centers for Disease Control and Prevention. 2010. *CDC Growth Charts*. Retrieved May 4, 2010 from <http://www.cdc.gov/growthcharts/>.
3. Krebs, N.F., J.H. Himes, D. Jacobson, T.A. Nicklas, P. Guilday, and D. Styne. 2007. Assessment of child and adolescent overweight and obesity. *Pediatrics* 120 (Suppl 4):S193-228.
4. Ogden, C.L., R.P. Troiano, R.R. Briefel, R.J. Kuczmarski, K.M. Flegal, and C.L. Johnson. 1997. Prevalence of overweight among preschool children in the United States, 1971 through 1994. *Pediatrics* 99 (4):E1.
5. Ogden, C.L., M.D. Carroll, L.R. Curtin, M.A. McDowell, C.J. Tabak, and K.M. Flegal. 2006. Prevalence of overweight and obesity in the United States, 1999-2004. *Journal of the American Medical Association* 295 (13):1549-55.
6. Ogden, C.L., M.D. Carroll, L.R. Curtin, M.M. Lamb, and K.M. Flegal. 2010. Prevalence of high body mass index in US children and adolescents, 2007-2008. *Journal of the American Medical Association* 303 (3):242-9.
7. Hedley, A.A., C.L. Ogden, C.L. Johnson, M.D. Carroll, L.R. Curtin, and K.M. Flegal. 2004. Prevalence of overweight and obesity among US children, adolescents, and adults, 1999-2002. *Journal of the American Medical Association* 291 (23):2847-50.
8. Flegal, K.M., C.L. Ogden, J.A. Yanovski, D.S. Freedman, J.A. Shepherd, B.I. Graubard, and L.G. Borrud. 2010. High adiposity and high body mass index-for-age in US children and adolescents overall and by race-ethnic group. *The American Journal of Clinical Nutrition* 91 (4):1020-6.
9. Serdula, M.K., D. Ivery, R.J. Coates, D.S. Freedman, D.F. Williamson, and T. Byers. 1993. Do obese children become obese adults? A review of the literature. *Preventive Medicine* 22 (2):167-77.
10. The, N.S., C. Suchindran, K.E. North, B.M. Popkin, and P. Gordon-Larsen. 2010. Association of adolescent obesity with risk of severe obesity in adulthood. *JAMA: The Journal of the American Medical Association* 304 (18):2042-7.

Obesity (continued)

11. Whitaker, R.C., J.A. Wright, M.S. Pepe, K.D. Seidel, and W.H. Dietz. 1997. Predicting obesity in young adulthood from childhood and parental obesity. *New England Journal of Medicine* 337 (13):869-73.
12. Aglony, M., M. Acevedo, and G. Ambrosio. 2009. Hypertension in adolescents. *Expert Review of Cardiovascular Therapy* 7 (12):1595-603.
13. Aguilar, A., V. Ostrow, F. De Luca, and E. Suarez. 2010. Elevated ambulatory blood pressure in a multi-ethnic population of obese children and adolescents. *Journal of Pediatrics* 156 (6):930-5.
14. Bartosh, S.M., and A.J. Aronson. 1999. Childhood hypertension. An update on etiology, diagnosis, and treatment. *Pediatric Clinics of North America* 46 (2):235-52.
15. Biro, F.M., and M. Wien. 2010. Childhood obesity and adult morbidities. *American Journal of Clinical Nutrition* 91 (5):1499S-1505S.
16. de Kroon, M.L., C.M. Renders, J.P. van Wouwe, S. van Buuren, and R.A. Hirasing. 2010. The Terneuzen Birth Cohort: BMI change between 2 and 6 years is most predictive of adult cardiometabolic risk. *PLoS One* 5 (11):e13966.
17. Falkner, B. 2009. Hypertension in children and adolescents: epidemiology and natural history. *Pediatric Nephrology* 25 (7):1219-24.
18. Franks, P.W., R.L. Hanson, W.C. Knowler, M.L. Sievers, P.H. Bennett, and H.C. Looker. 2010. Childhood obesity, other cardiovascular risk factors, and premature death. *New England Journal of Medicine* 362 (6):485-93.
19. Mitsnefes, M.M. 2006. Hypertension in children and adolescents. *Pediatric Clinics of North America* 53 (3):493-512, viii.
20. Raghuvver, G. 2010. Lifetime cardiovascular risk of childhood obesity. *American Journal of Clinical Nutrition* 91 (5):1514S-1519S.
21. Tirosh, A., I. Shai, A. Afek, G. Dubnov-Raz, N. Ayalon, B. Gordon, E. Derazne, D. Tzur, A. Shamis, S. Vinker, et al. 2011. Adolescent BMI trajectory and risk of diabetes versus coronary disease. *The New England Journal of Medicine* 364 (14):1315-25.
22. Williams, C.L., and B.A. Strobino. 2008. Childhood diet, overweight, and CVD risk factors: the Healthy Start project. *Preventive Cardiology* 11 (1):11-20.
23. Brawer, R., N. Brisbon, and J. Plumb. 2009. Obesity and cancer. *Primary Care* 36 (3):509-31.
24. Donohoe, C.L., G.P. Pidgeon, J. Lysaght, and J.V. Reynolds. 2010. Obesity and gastrointestinal cancer. *British Journal of Surgery* 97 (5):628-42.
25. Gale, C.R., G.D. Batty, and I.J. Deary. 2008. Locus of control at age 10 years and health outcomes and behaviors at age 30 years: the 1970 British Cohort Study. *Psychosomatic Medicine* 70 (4):397-403.
26. Gundersen, C., B.J. Lohman, S. Garasky, S. Stewart, and J. Eisenmann. 2008. Food security, maternal stressors, and overweight among low-income US children: results from the National Health and Nutrition Examination Survey (1999-2002). *Pediatrics* 122 (3):e529-40.
27. Koch, F.S., A. Sepa, and J. Ludvigsson. 2008. Psychological stress and obesity. *Journal of Pediatrics* 153 (6):839-44.
28. Stunkard, A.J., M.S. Faith, and K.C. Allison. 2003. Depression and obesity. *Biological Psychiatry* 54 (3):330-7.
29. Ahmad, N., S. Biswas, S. Bae, K.E. Meador, R. Huang, and K.P. Singh. 2009. Association between obesity and asthma in US children and adolescents. *Journal of Asthma* 46 (7):642-6.
30. Bennett, W.D., and K.L. Zeman. 2004. Effect of body size on breathing pattern and fine-particle deposition in children. *Journal of Applied Physiology* 97 (3):821-6.
31. Fiorino, E.K., and L.J. Brooks. 2009. Obesity and respiratory diseases in childhood. *Clinics in Chest Medicine* 30 (3):601-8, x.
32. Chiarelli, F., and M.L. Marcovecchio. 2008. Insulin resistance and obesity in childhood. *European Journal of Endocrinology* 159 (Suppl 1):S67-74.
33. Lamb, M.M., D. Dabelea, X. Yin, L.G. Ogden, G.J. Klingensmith, M. Rewers, and J.M. Norris. 2010. Early-life predictors of higher body mass index in healthy children. *Annals of Nutrition & Metabolism* 56 (1):16-22.
34. Lee, J.M., M.J. Okumura, M.M. Davis, W.H. Herman, and J.G. Gurney. 2006. Prevalence and determinants of insulin resistance among U.S. adolescents: a population-based study. *Diabetes Care* 29 (11):2427-32.
35. Ostro, B., L. Roth, B. Malig, and M. Marty. 2009. The effects of fine particle components on respiratory hospital admissions in children. *Environmental Health Perspectives* 117 (3):475-80.
36. Weigensberg, M.J., and M.I. Goran. 2009. Type 2 diabetes in children and adolescents. *Lancet* 373 (9677):1743-4.
37. Zeitler, P., and O. Pinhas-Hamiel. 2008. Prevention and screening for type 2 diabetes in youth. *Endocrine Research* 33 (1-2):73-91.
38. Aksglaede, L., A. Juul, L.W. Olsen, and T.I. Sorensen. 2009. Age at puberty and the emerging obesity epidemic. *PLoS One* 4 (12):e8450.
39. Kaplowitz, P.B. 2008. Link between body fat and the timing of puberty. *Pediatrics* 121 Suppl 3:S208-17.

Obesity (continued)

40. Slyper, A.H. 1998. Childhood obesity, adipose tissue distribution, and the pediatric practitioner. *Pediatrics* 102 (1):e4.
41. Aksglaede, L., K. Sorensen, J.H. Petersen, N.E. Skakkebaek, and A. Juul. 2009. Recent decline in age at breast development: the Copenhagen Puberty Study. *Pediatrics* 123 (5):e932-9.
42. Gale, E.A. 2005. The myth of the metabolic syndrome. *Diabetologia* 48 (9):1679-83.
43. Pratley, R.E. 2007. Metabolic syndrome: why the controversy? *Current Diabetes Reports* 7 (1):56-9.
44. Reaven, G.M. 2011. The metabolic syndrome: time to get off the merry-go-round? *Journal of Internal Medicine* 269 (2):127-36.
45. Morrison, J.A., L.A. Friedman, P. Wang, and C.J. Glueck. 2008. Metabolic syndrome in childhood predicts adult metabolic syndrome and type 2 diabetes mellitus 25 to 30 years later. *The Journal of Pediatrics* 152 (2):201-6.
46. Morrison, J.A., L.A. Friedman, and C. Gray-McGuire. 2007. Metabolic syndrome in childhood predicts adult cardiovascular disease 25 years later: the Princeton Lipid Research Clinics Follow-up Study. *Pediatrics* 120 (2):340-5.
47. Cruz, M.L., and M.I. Goran. 2004. The metabolic syndrome in children and adolescents. *Current Diabetes Reports* 4 (1):53-62.
48. Ozanne, S.E., and C.N. Hales. 2002. Early programming of glucose-insulin metabolism. *Trends in Endocrinology & Metabolism* 13 (9):368-73.
49. Weiss, R., J. Dziura, T.S. Burgert, W.V. Tamborlane, S.E. Taksali, C.W. Yeckel, K. Allen, M. Lopes, M. Savoye, J. Morrison, et al. 2004. Obesity and the metabolic syndrome in children and adolescents. *New England Journal of Medicine* 350 (23):2362-74.
50. Lassiter, T.L., and S. Brimijoin. 2008. Rats gain excess weight after developmental exposure to the organophosphorothionate pesticide, chlorpyrifos. *Neurotoxicology and Teratology* 30 (2):125-30.
51. Lassiter, T.L., I.T. Ryde, E.A. Mackillop, K.K. Brown, E.D. Levin, F.J. Seidler, and T.A. Slotkin. 2008. Exposure of neonatal rats to parathion elicits sex-selective reprogramming of metabolism and alters the response to a high-fat diet in adulthood. *Environmental Health Perspectives* 116 (11):1456-62.
52. Slotkin, T.A., K.K. Brown, and F.J. Seidler. 2005. Developmental exposure of rats to chlorpyrifos elicits sex-selective hyperlipidemia and hyperinsulinemia in adulthood. *Environmental Health Perspectives* 113 (10):1291-4.
53. La Merrill, M., and L.S. Birnbaum. 2011. Childhood obesity and environmental chemicals. *The Mount Sinai Journal of Medicine* 78 (1):22-48.
54. Newbold, R.R. 2010. Impact of environmental endocrine disrupting chemicals on the development of obesity. *Hormones* 9 (3):206-17.
55. Grun, F., and B. Blumberg. 2006. Environmental obesogens: organotins and endocrine disruption via nuclear receptor signaling. *Endocrinology* 147 (6 Suppl):S50-5.
56. American Diabetes Association. 2000. Type 2 diabetes in children and adolescents. *Pediatrics* 105 (3 Pt 1):671-80.
57. Amed, S., D. Daneman, F.H. Mahmud, and J. Hamilton. 2010. Type 2 diabetes in children and adolescents. *Expert Review of Cardiovascular Therapy* 8 (3):393-406.
58. Karam, J.G., and S.I. McFarlane. 2008. Prevention of type 2 DM: implications for adolescents and young adults. *Pediatric Endocrinology Reviews* 5 (Suppl 4):980-8.
59. Centers for Disease Control and Prevention. 2008. *National Diabetes Fact Sheet: General Information and National Estimates on Diabetes in the United States, 2007*. Atlanta, GA: CDC. http://www.cdc.gov/diabetes/pubs/pdf/ndfs_2007.pdf.
60. Smink, A., N. Ribas-Fito, R. Garcia, M. Torrent, M.A. Mendez, J.O. Grimalt, and J. Sunyer. 2008. Exposure to hexachlorobenzene during pregnancy increases the risk of overweight in children aged 6 years. *Acta Paediatrica* 97 (10):1465-9.
61. Verhulst, S.L., V. Nelen, E.D. Hond, G. Koppen, C. Beunckens, C. Vael, G. Schoeters, and K. Desager. 2009. Intrauterine exposure to environmental pollutants and body mass index during the first 3 years of life. *Environmental Health Perspectives* 117 (1):122-6.
62. Codru, N., M.J. Schymura, S. Negoita, R. Rej, and D.O. Carpenter. 2007. Diabetes in relation to serum levels of polychlorinated biphenyls and chlorinated pesticides in adult Native Americans. *Environmental Health Perspectives* 115 (10):1442-7.
63. Everett, C.J., I.L. Frithsen, V.A. Diaz, R.J. Koopman, W.M. Simpson, Jr., and A.G. Mainous, 3rd. 2007. Association of a polychlorinated dibenzo-p-dioxin, a polychlorinated biphenyl, and DDT with diabetes in the 1999-2002 National Health and Nutrition Examination Survey. *Environmental Research* 103 (3):413-8.
64. Montgomery, M.P., F. Kamel, T.M. Saldana, M.C. Alavanja, and D.P. Sandler. 2008. Incident diabetes and pesticide exposure among licensed pesticide applicators: Agricultural Health Study, 1993-2003. *American Journal of Epidemiology* 167 (10):1235-46.
65. Blanck, H.M., M. Marcus, C. Rubin, P.E. Tolbert, V.S. Hertzberg, A.K. Henderson, and R.H. Zhang. 2002. Growth in girls exposed in utero and postnatally to polybrominated biphenyls and polychlorinated biphenyls. *Epidemiology* 13 (2):205-10.

Obesity (continued)

66. Cupul-Uicab, L.A., M. Hernandez-Avila, E.A. Terrazas-Medina, M.L. Pennell, and M.P. Longnecker. 2010. Prenatal exposure to the major DDT metabolite 1,1-dichloro-2,2-bis(p-chlorophenyl)ethylene (DDE) and growth in boys from Mexico. *Environmental Research* 110 (6):595-603.
67. Gladen, B.C., M.A. Klebanoff, M.L. Hediger, S.H. Katz, D.B. Barr, M.D. Davis, and M.P. Longnecker. 2004. Prenatal DDT exposure in relation to anthropometric and pubertal measures in adolescent males. *Environmental Health Perspectives* 112 (17):1761-7.
68. Jackson, L.W., C.D. Lynch, P.J. Kostyniak, B.M. McGuinness, and G.M. Louis. 2010. Prenatal and postnatal exposure to polychlorinated biphenyls and child size at 24 months of age. *Reproductive Toxicology* 29 (1):25-31.
69. Grun, F., and B. Blumberg. 2009. Endocrine disrupters as obesogens. *Molecular and Cellular Endocrinology* 304 (1-2):19-29.
70. Grun, F., H. Watanabe, Z. Zamanian, L. Maeda, K. Arima, R. Cubacha, D.M. Gardiner, J. Kanno, T. Iguchi, and B. Blumberg. 2006. Endocrine-disrupting organotin compounds are potent inducers of adipogenesis in vertebrates. *Molecular Endocrinology* 20 (9):2141-55.
71. Hugo, E.R., T.D. Brandebourg, J.G. Woo, J. Loftus, J.W. Alexander, and N. Ben-Jonathan. 2008. Bisphenol A at environmentally relevant doses inhibits adiponectin release from human adipose tissue explants and adipocytes. *Environmental Health Perspectives* 116 (12):1642-7.
72. Newbold, R.R., E. Padilla-Banks, W.N. Jefferson, and J.J. Heindel. 2008. Effects of endocrine disruptors on obesity. *International Journal of Andrology* 31 (2):201-8.
73. Newbold, R.R., E. Padilla-Banks, R.J. Snyder, T.M. Phillips, and W.N. Jefferson. 2007. Developmental exposure to endocrine disruptors and the obesity epidemic. *Reproductive Toxicology* 23 (3):290-6.
74. Thayer, K.A., J.J. Heindel, J.R. Bucher, and M.A. Gallo. 2012. Role of environmental chemicals in diabetes and obesity: a National Toxicology Program workshop review. *Environmental Health Perspectives* 120 (6):779-89.
75. U.S. Department of Health and Human Services. 2011. *Strategic Plan for NIH Obesity Research*. Bethesda, MD: National Institutes of Health Obesity Research Task Force. NIH Publication No. 11-5493. http://www.obesityresearch.nih.gov/About/StrategicPlanforNIH_Obesity_Research_Full-Report_2011.pdf.
76. White House Task Force on Childhood Obesity. 2010. *Solving the Problem of Childhood Obesity Within a Generation*. Washington, DC: Executive Office of the President. http://www.letsmove.gov/sites/letsmove.gov/files/TaskForce_on_Childhood_Obesity_May2010_FullReport.pdf.
77. Sun, Q., P. Yue, J.A. Deiuliis, C.N. Lumeng, T. Kampfrath, M.B. Mikolaj, Y. Cai, M.C. Ostrowski, B. Lu, S. Parthasarathy, et al. 2009. Ambient air pollution exaggerates adipose inflammation and insulin resistance in a mouse model of diet-induced obesity. *Circulation* 119 (4):538-46.
78. Chen, J.C., J.M. Cavallari, P.H. Stone, and D.C. Christiani. 2007. Obesity is a modifier of autonomic cardiac responses to fine metal particulates. *Environmental Health Perspectives* 115 (7):1002-6.
79. Shore, S.A., Y.M. Rivera-Sanchez, I.N. Schwartzman, and R.A. Johnston. 2003. Responses to ozone are increased in obese mice. *Journal of Applied Physiology* 95 (3):938-45.
80. Corbo, G.M., F. Forastiere, M. De Sario, L. Brunetti, E. Bonci, M. Bugiani, E. Chellini, S. La Grutta, E. Migliore, R. Pistelli, et al. 2008. Wheeze and asthma in children: associations with body mass index, sports, television viewing, and diet. *Epidemiology* 19 (5):747-55.
81. Arzuaga, X., N. Ren, A. Stromberg, E.P. Black, V. Arsenescu, L.A. Cassis, Z. Majkova, M. Toborek, and B. Hennig. 2009. Induction of gene pattern changes associated with dysfunctional lipid metabolism induced by dietary fat and exposure to a persistent organic pollutant. *Toxicology Letters* 189 (2):96-101.
82. Ghanayem, B.I., R. Bai, G.E. Kissling, G. Travlos, and U. Hoffler. 2010. Diet-induced obesity in male mice is associated with reduced fertility and potentiation of acrylamide-induced reproductive toxicity. *Biology of Reproduction* 82 (1):96-104.
83. La Merrill, M., R. Harper, L.S. Birnbaum, R.D. Cardiff, and D.W. Threadgill. 2010. Maternal dioxin exposure combined with a diet high in fat increases mammary cancer incidence in mice. *Environmental Health Perspectives* 118 (5):596-601.
84. Papas, M.A., A.J. Alberg, R. Ewing, K.J. Helzlsouer, T.L. Gary, and A.C. Klassen. 2007. The built environment and obesity. *Epidemiologic Reviews* 29:129-43.
85. Sallis, J.F., and K. Glanz. 2006. The role of built environments in physical activity, eating, and obesity in childhood. *The Future of Children* 16 (1):89-108.
86. Davison, K.K., and C.T. Lawson. 2006. Do attributes in the physical environment influence children's physical activity? A review of the literature. *The International Journal of Behavioral Nutrition and Physical Activity* 3:19.
87. Dunton, G.F., J. Kaplan, J. Wolch, M. Jerrett, and K.D. Reynolds. 2009. Physical environmental correlates of childhood obesity: a systematic review. *Obesity Reviews* 10 (4):393-402.

Obesity (continued)

88. Maziak, W., K.D. Ward, and M.B. Stockton. 2008. Childhood obesity: are we missing the big picture? *Obesity Reviews* 9 (1):35-42.
89. Rahman, T., R.A. Cushing, and R.J. Jackson. 2011. Contributions of built environment to childhood obesity. *The Mount Sinai Journal of Medicine* 78 (1):49-57.
90. Sallis, J.F., M.F. Floyd, D.A. Rodriguez, and B.E. Saelens. 2012. Role of built environments in physical activity, obesity, and cardiovascular disease. *Circulation* 125 (5):729-37.
91. McDonald, N.C. 2008. Critical factors for active transportation to school among low-income and minority students. Evidence from the 2001 National Household Travel Survey. *American Journal of Preventive Medicine* 34 (4):341-4.
92. Roemmich, J.N., L.H. Epstein, S. Raja, L. Yin, J. Robinson, and D. Winiewicz. 2006. Association of access to parks and recreational facilities with the physical activity of young children. *Preventive Medicine* 43 (6):437-41.
93. American Academy of Pediatrics. 2009. The built environment: designing communities to promote physical activity in children. *Pediatrics* 123 (6):1591-1598.
94. McCurdy, L.E., K.E. Winterbottom, S.S. Mehta, and J.R. Roberts. 2010. Using nature and outdoor activity to improve children's health. *Current Problems in Pediatric and Adolescent Health Care* 40 (5):102-17.
95. Cutts, B.B., K.J. Darby, C.G. Boone, and A. Brewis. 2009. City structure, obesity, and environmental justice: an integrated analysis of physical and social barriers to walkable streets and park access. *Social Science & Medicine* 69 (9):1314-22.
96. Redwood, Y., A.J. Schulz, B.A. Israel, M. Yoshihama, C.C. Wang, and M. Kreuter. 2010. Social, economic, and political processes that create built environment inequities: perspectives from urban African Americans in Atlanta. *Family & Community Health* 33 (1):53-67.
97. Taylor, W.C., J.T. Hepworth, E. Lees, K. Feliz, S. Ahsan, A. Cassells, D.C. Volding, and J.N. Tobin. 2008. Obesity, physical activity, and the environment: is there a legal basis for environmental injustices? *Environmental Justice* 1 (1):45-48.
98. Ewing, R., R.C. Brownson, and D. Berrigan. 2006. Relationship between urban sprawl and weight of United States youth. *American Journal of Preventive Medicine* 31 (6):464-74.
99. Ewing, R., T. Schmid, R. Killingsworth, A. Zlot, and S. Raudenbush. 2003. Relationship between urban sprawl and physical activity, obesity, and morbidity. *American Journal of Health Promotion* 18 (1):47-57.
100. Wang, Y. 2001. Cross-national comparison of childhood obesity: the epidemic and the relationship between obesity and socioeconomic status. *International Journal of Epidemiology* 30 (5):1129-36.
101. Wang, Y., and M.A. Beydoun. 2007. The obesity epidemic in the United States--gender, age, socioeconomic, racial/ethnic, and geographic characteristics: a systematic review and meta-regression analysis. *Epidemiologic Reviews* 29:6-28.
102. Davis, A.M., K.J. Bennett, C. Befort, and N. Nollen. 2011. Obesity and related health behaviors among urban and rural children in the United States: data from the national health and nutrition examination survey 2003-2004 and 2005-2006. *Journal of Pediatric Psychology* 36 (6):669-76.
103. Centers for Disease Control and Prevention. 2010. *About BMI for Children and Teens*. Retrieved April 7, 2010 from http://www.cdc.gov/healthyweight/assessing/bmi/childrens_bmi/about_childrens_bmi.html.

Adverse Birth Outcomes

1. Centers for Disease Control and Prevention. 2009. *Maternal and Infant Health Research: Preterm Birth*. CDC. Retrieved October 10, 2010 from <http://www.cdc.gov/reproductivehealth/maternalinfanthealth/PBP.htm>.
2. JAMA. 2002. JAMA patient page: Low birth weight. *Journal of the American Medical Association* 287 (2):270.
3. Institute of Medicine. 2007. *Preterm Birth: Causes, Consequences, and Prevention*. Edited by R. E. Behrman and A. S. Butler. Washington, DC: The National Academies Press.
4. Mathews, T.J., and M.F. MacDorman. 2008. Infant mortality statistics from the 2005 period linked birth/infant death data set. *National Vital Statistics Reports* 57 (2).
5. Clark, S.L., D.D. Miller, M.A. Belfort, G.A. Dildy, D.K. Frye, and J.A. Meyers. 2009. Neonatal and maternal outcomes associated with elective term delivery. *American Journal of Obstetrics and Gynecology* 200 (2):156 e1-4.
6. Moster, D., A.J. Wilcox, S.E. Vollset, T. Markestad, and R.T. Lie. 2010. Cerebral Palsy Among Term and Postterm Births. *Journal of the American Medical Association* 304 (9):976-982.
7. Tita, A.T., M.B. Landon, C.Y. Spong, Y. Lai, K.J. Leveno, M.W. Varner, A.H. Moawad, S.N. Caritis, P.J. Meis, R.J. Wapner, et al. 2009. Timing of elective repeat cesarean delivery at term and neonatal outcomes. *New England Journal of Medicine* 360 (2):111-20.
8. Cosmi, E., T. Fanelli, S. Visentin, D. Trevisanuto, and V. Zanardo. 2011. Consequences in infants that were intrauterine growth restricted. *Journal of Pregnancy* 2011:Article ID 364381.

Adverse Birth Outcomes (continued)

9. Rinaudo, P.F., and J. Lamb. 2008. Fetal origins of perinatal morbidity and/or adult disease. *Seminars in Reproductive Medicine* 26 (5):436-45.
10. Martin, J.A., B.E. Hamilton, P.D. Sutton, S.J. Ventura, P.H. Menacker, S. Kirmeyer, and T.J. Mathews. 2009. Births: Final Data for 2006. *National Vital Statistics Reports* 57 (7).
11. Martin, J.A., B.E. Hamilton, P.D. Sutton, S.J. Ventura, T.J. Mathews, S. Kirmeyer, and M.J.K. Osterman. 2010. Births: Final Data for 2007. *National Vital Statistics Reports* 58 (24).
12. American College of Obstetricians and Gynecologists (ACOG). 2000. Intrauterine growth restriction. ACOG practice bulletin, number 12. *Obstetrics and Gynecology* 95 (1).
13. Berghella, V. 2007. Prevention of recurrent fetal growth restriction. *Obstetrics and Gynecology* 110 (4):904-12.
14. Honein, M.A., R.S. Kirby, R.E. Meyer, J. Xing, N.I. Skerrette, N. Yuskiv, L. Marengo, J.R. Petrini, M.J. Davidoff, C.T. Mai, et al. 2009. The association between major birth defects and preterm birth. *Maternal and Child Health Journal* 13 (2):164-75.
15. U.S. Department of Health and Human Services. 2004. *The Health Consequences of Smoking: A Report of the Surgeon General*. Atlanta, GA: Centers for Disease Control and Prevention, Office on Smoking and Health.
16. Goldenberg, R.L., and J.F. Culhane. 2007. Low birth weight in the United States. *American Journal of Clinical Nutrition* 85 (2):584S-590S.
17. Lu, M.C., and N. Halfon. 2003. Racial and ethnic disparities in birth outcomes: a life-course perspective. *Maternal and Child Health Journal* 7 (1):13-30.
18. Collins, J.W., Jr., and A.G. Butler. 1997. Racial differences in the prevalence of small-for-dates infants among college-educated women. *Epidemiology* 8 (3):315-7.
19. McGrady, G.A., J.F. Sung, D.L. Rowley, and C.J. Hogue. 1992. Preterm delivery and low birth weight among first-born infants of black and white college graduates. *American Journal of Epidemiology* 136 (3):266-76.
20. Schoendorf, K.C., C.J. Hogue, J.C. Kleinman, and D. Rowley. 1992. Mortality among infants of black as compared with white college-educated parents. *New England Journal of Medicine* 326 (23):1522-6.
21. Goldenberg, R.L., S.P. Cliver, F.X. Mulvihill, C.A. Hickey, H.J. Hoffman, L.V. Klerman, and M.J. Johnson. 1996. Medical, psychosocial, and behavioral risk factors do not explain the increased risk for low birth weight among black women. *American Journal of Obstetrics & Gynecology* 175 (5):1317-24.
22. Singh, G.K., and S.M. Yu. 1995. Infant mortality in the United States: trends, differentials, and projections, 1950 through 2010. *American Journal of Public Health* 85 (7):957-64.
23. Donahue, S.M., K.P. Kleinman, M.W. Gillman, and E. Oken. 2010. Trends in birth weight and gestational length among singleton term births in the United States: 1990-2005. *Obstetrics and Gynecology* 115 (2 Pt 1):357-64.
24. U.S. Department of Health and Human Services. 2006. *The Health Consequences of Involuntary Exposure to Tobacco Smoke: A Report of the Surgeon General*. Atlanta, GA: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, Coordinating Center for Health Promotion, National Center for Chronic Disease Prevention and Health Promotion, Office on Smoking and Health.
25. National Toxicology Program. 2012. *NTP Monograph on Health Effects of Low-Level Lead*. Research Triangle Park, NC: National Institute of Environmental Health Sciences, National Toxicology Program. <http://ntp.niehs.nih.gov/go/36443>.
26. Bobak, M. 2000. Outdoor air pollution, low birth weight, and prematurity. *Environmental Health Perspectives* 108 (2):173-6.
27. Dugandzic, R., L. Dodds, D. Stieb, and M. Smith-Doiron. 2006. The association between low level exposures to ambient air pollution and term low birth weight: a retrospective cohort study. *Environmental Health* 5:3.
28. Ha, E.H., Y.C. Hong, B.E. Lee, B.H. Woo, J. Schwartz, and D.C. Christiani. 2001. Is air pollution a risk factor for low birth weight in Seoul? *Epidemiology* 12 (6):643-8.
29. Huynh, M., T.J. Woodruff, J.D. Parker, and K.C. Schoendorf. 2006. Relationships between air pollution and preterm birth in California. *Paediatric and Perinatal Epidemiology* 20 (6):454-61.
30. Lin, C.M., C.Y. Li, G.Y. Yang, and I.F. Mao. 2004. Association between maternal exposure to elevated ambient sulfur dioxide during pregnancy and term low birth weight. *Environmental Research* 96 (1):41-50.
31. Liu, S., D. Krewski, Y. Shi, Y. Chen, and R.T. Burnett. 2003. Association between gaseous ambient air pollutants and adverse pregnancy outcomes in Vancouver, Canada. *Environmental Health Perspectives* 111 (14):1773-8.
32. Maisonet, M., T.J. Bush, A. Correa, and J.J. Jaakkola. 2001. Relation between ambient air pollution and low birth weight in the Northeastern United States. *Environmental Health Perspectives* 109 (Suppl 3):351-6.
33. Maroziene, L., and R. Grazuleviciene. 2002. Maternal exposure to low-level air pollution and pregnancy outcomes: a population-based study. *Environmental Health* 1 (1):6.

Adverse Birth Outcomes (continued)

34. Parker, J.D., T.J. Woodruff, R. Basu, and K.C. Schoendorf. 2005. Air pollution and birth weight among term infants in California. *Pediatrics* 115 (1):121-8.
35. Sagiv, S.K., P. Mendola, D. Loomis, A.H. Herring, L.M. Neas, D.A. Savitz, and C. Poole. 2005. A time-series analysis of air pollution and preterm birth in Pennsylvania, 1997-2001. *Environmental Health Perspectives* 113 (5):602-6.
36. U.S. Environmental Protection Agency. 2009. *Integrated Science Assessment for Particulate Matter (Final Report)*. Washington, DC: U.S. EPA. EPA/600/R-08/139F. <http://cfpub.epa.gov/ncea/cfm/recordisplay.cfm?deid=216546>.
37. Wang, X., H. Ding, L. Ryan, and X. Xu. 1997. Association between air pollution and low birth weight: a community-based study. *Environmental Health Perspectives* 105 (5):514-20.
38. Wilhelm, M., and B. Ritz. 2005. Local variations in CO and particulate air pollution and adverse birth outcomes in Los Angeles County, California, USA. *Environmental Health Perspectives* 113 (9):1212-21.
39. Xu, X., H. Ding, and X. Wang. 1995. Acute effects of total suspended particles and sulfur dioxides on preterm delivery: a community-based cohort study. *Archives of Environmental Health* 50 (6):407-15.
40. Liu, S., D. Krewski, Y. Shi, Y. Chen, and R.T. Burnett. 2007. Association between maternal exposure to ambient air pollutants during pregnancy and fetal growth restriction. *Journal of Exposure Science and Environmental Epidemiology* 17 (5):426-32.
41. Stillerman, K.P., D.R. Mattison, L.C. Giudice, and T.J. Woodruff. 2008. Environmental exposures and adverse pregnancy outcomes: a review of the science. *Reproductive Sciences* 15 (7):631-50.
42. Glinianaia, S.V., J. Rankin, R. Bell, T. Pless-Mulloli, and D. Howel. 2004. Particulate air pollution and fetal health: a systematic review of the epidemiologic evidence. *Epidemiology* 15 (1):36-45.
43. Parker, J.D., D.Q. Rich, S.V. Glinianaia, J.H. Leem, D. Wartenberg, M.L. Bell, M. Bonzini, M. Brauer, L. Darrow, U. Gehring, et al. 2011. The International Collaboration on Air Pollution and Pregnancy Outcomes: initial results. *Environmental Health Perspectives* 119 (7):1023-8.
44. Ritz, B., and M. Wilhelm. 2008. Ambient air pollution and adverse birth outcomes: methodologic issues in an emerging field. *Basic and Clinical Pharmacology and Toxicology* 102 (2):182-90.
45. Sram, R.J., B. Binkova, J. Dejmek, and M. Bobak. 2005. Ambient air pollution and pregnancy outcomes: a review of the literature. *Environmental Health Perspectives* 113 (4):375-82.
46. Choi, H., W. Jedrychowski, J. Spengler, D.E. Camann, R.M. Whyatt, V. Rauh, W.Y. Tsai, and F.P. Perera. 2006. International studies of prenatal exposure to polycyclic aromatic hydrocarbons and fetal growth. *Environmental Health Perspectives* 114 (11):1744-50.
47. Choi, H., V. Rauh, R. Garfinkel, Y. Tu, and F.P. Perera. 2008. Prenatal exposure to airborne polycyclic aromatic hydrocarbons and risk of intrauterine growth restriction. *Environmental Health Perspectives* 116 (5):658-65.
48. Perera, F.P., V. Rauh, R.M. Whyatt, W.Y. Tsai, J.T. Bernert, Y.H. Tu, H. Andrews, J. Ramirez, L. Qu, and D. Tang. 2004. Molecular evidence of an interaction between prenatal environmental exposures and birth outcomes in a multiethnic population. *Environmental Health Perspectives* 112 (5):626-30.
49. Perera, F.P., D. Tang, V. Rauh, K. Lester, W.Y. Tsai, Y.H. Tu, L. Weiss, L. Hoepner, J. King, G. Del Priore, et al. 2005. Relationships among polycyclic aromatic hydrocarbon-DNA adducts, proximity to the World Trade Center, and effects on fetal growth. *Environmental Health Perspectives* 113 (8):1062-7.
50. Brauer, M., C. Lencar, L. Tamburic, M. Koehoorn, P. Demers, and C. Karr. 2008. A cohort study of traffic-related air pollution impacts on birth outcomes. *Environmental Health Perspectives* 116 (5):680-6.
51. Genereux, M., N. Auger, M. Goneau, and M. Daniel. 2008. Neighbourhood socioeconomic status, maternal education and adverse birth outcomes among mothers living near highways. *Journal of Epidemiology and Community Health* 62 (8):695-700.
52. Health Effects Institute. 2010. *HEI Panel on the Health Effects of Traffic-Related Air Pollution: A Critical Review of the Literature on Emissions, Exposure, and Health Effects*. Boston, MA. HEI Special Report 17. <http://pubs.healtheffects.org/view.php?id=334>
53. Ponce, N.A., K.J. Hoggatt, M. Wilhelm, and B. Ritz. 2005. Preterm birth: the interaction of traffic-related air pollution with economic hardship in Los Angeles neighborhoods. *American Journal of Epidemiology* 162 (2):140-8.
54. Wilhelm, M., and B. Ritz. 2003. Residential proximity to traffic and adverse birth outcomes in Los Angeles county, California, 1994-1996. *Environmental Health Perspectives* 111 (2):207-16.
55. Adibi, J.J., R. Hauser, P.L. Williams, R.M. Whyatt, A.M. Calafat, H. Nelson, R. Herrick, and S.H. Swan. 2009. Maternal urinary metabolites of Di-(2-Ethylhexyl) phthalate in relation to the timing of labor in a US multicenter pregnancy cohort study. *American Journal of Epidemiology* 169 (8):1015-24.
56. Latini, G., C. De Felice, G. Presta, A. Del Vecchio, I. Paris, F. Ruggieri, and P. Mazzeo. 2003. In utero exposure to di-(2-ethylhexyl)phthalate and duration of human pregnancy. *Environmental Health Perspectives* 111 (14):1783-5.

Adverse Birth Outcomes (continued)

57. Meeker, J.D., H. Hu, D.E. Cantonwine, H. Lamadrid-Figueroa, A.M. Calafat, A.S. Ettinger, M. Hernandez-Avila, R. Loch-Caruso, and M.M. Tellez-Rojo. 2009. Urinary phthalate metabolites in relation to preterm birth in Mexico City. *Environmental Health Perspectives* 117 (10):1587-92.
58. Whyatt, R.M., J.J. Adibi, A.M. Calafat, D.E. Camann, V. Rauh, H.K. Bhat, F.P. Perera, H. Andrews, A.C. Just, L. Hoepner, et al. 2009. Prenatal di(2-ethylhexyl)phthalate exposure and length of gestation among an inner-city cohort. *Pediatrics* 124 (6):e1213-20.
59. Zhang, Y., L. Lin, Y. Cao, B. Chen, L. Zheng, and R.S. Ge. 2009. Phthalate levels and low birth weight: a nested case-control study of Chinese newborns. *Journal of Pediatrics* 155 (4):500-4.
60. Murphy, L.E., A.L. Gollenberg, G.M. Buck Louis, P.J. Kostyniak, and R. Sundaram. 2010. Maternal serum preconception polychlorinated biphenyl concentrations and infant birth weight. *Environmental Health Perspectives* 118 (2):297-302.
61. Wigle, D.T., T.E. Arbuckle, M.C. Turner, A. Berube, Q. Yang, S. Liu, and D. Krewski. 2008. Epidemiologic evidence of relationships between reproductive and child health outcomes and environmental chemical contaminants. *Journal of Toxicology and Environmental Health Part B Crit Reviews* 11 (5-6):373-517.
62. Hertz-Picciotto, I., M.J. Charles, R.A. James, J.A. Keller, E. Willman, and S. Teplin. 2005. In utero polychlorinated biphenyl exposures in relation to fetal and early childhood growth. *Epidemiology* 16 (5):648-56.
63. Baibergenova, A., R. Kudyakov, M. Zdeb, and D.O. Carpenter. 2003. Low birth weight and residential proximity to PCB-contaminated waste sites. *Environmental Health Perspectives* 111 (10):1352-7.
64. Halldorsson, T.I., I. Thorsdottir, H.M. Meltzer, F. Nielsen, and S.F. Olsen. 2008. Linking exposure to polychlorinated biphenyls with fatty fish consumption and reduced fetal growth among Danish pregnant women: a cause for concern? *American Journal of Epidemiology* 168 (8):958-65.
65. Longnecker, M.P., M.A. Klebanoff, J.W. Brock, and X. Guo. 2005. Maternal levels of polychlorinated biphenyls in relation to preterm and small-for-gestational-age birth. *Epidemiology* 16 (5):641-7.
66. Apelberg, B.J., F.R. Witter, J.B. Herbstman, A.M. Calafat, R.U. Halden, L.L. Needham, and L.R. Goldman. 2007. Cord serum concentrations of perfluorooctane sulfonate (PFOS) and perfluorooctanoate (PFOA) in relation to weight and size at birth. *Environmental Health Perspectives* 115 (11):1670-6.
67. Fei, C., J.K. McLaughlin, R.E. Tarone, and J. Olsen. 2007. Perfluorinated chemicals and fetal growth: a study within the Danish National Birth Cohort. *Environmental Health Perspectives* 115 (11):1677-82.
68. Fei, C., J.K. McLaughlin, R.E. Tarone, and J. Olsen. 2008. Fetal growth indicators and perfluorinated chemicals: a study in the Danish National Birth Cohort. *American Journal of Epidemiology* 168 (1):66-72.
69. Stein, C.R., D.A. Savitz, and M. Dougan. 2009. Serum levels of perfluorooctanoic acid and perfluorooctane sulfonate and pregnancy outcome. *American Journal of Epidemiology* 170 (7):837-46.
70. Washino, N., Y. Saijo, S. Sasaki, S. Kato, S. Ban, K. Konishi, R. Ito, A. Nakata, Y. Iwasaki, K. Saito, et al. 2009. Correlations between prenatal exposure to perfluorinated chemicals and reduced fetal growth. *Environmental Health Perspectives* 117 (4):660-7.
71. Hamm, M.P., N.M. Cherry, E. Chan, J.W. Martin, and I. Burstyn. 2010. Maternal exposure to perfluorinated acids and fetal growth. *Journal of Exposure Science and Environmental Epidemiology* 20 (7):589-97.
72. Monroy, R., K. Morrison, K. Teo, S. Atkinson, C. Kubwabo, B. Stewart, and W.G. Foster. 2008. Serum levels of perfluoroalkyl compounds in human maternal and umbilical cord blood samples. *Environmental Research* 108 (1):56-62.
73. Bove, F., Y. Shim, and P. Zeitz. 2002. Drinking water contaminants and adverse pregnancy outcomes: a review. *Environmental Health Perspectives* 110 (Suppl 1):61-74.
74. Hoffman, C.S., P. Mendola, D.A. Savitz, A.H. Herring, D. Loomis, K.E. Hartmann, P.C. Singer, H.S. Weinberg, and A.F. Olshan. 2008. Drinking water disinfection by-product exposure and fetal growth. *Epidemiology* 19 (5):729-37.
75. Hoffman, C.S., P. Mendola, D.A. Savitz, A.H. Herring, D. Loomis, K.E. Hartmann, P.C. Singer, H.S. Weinberg, and A.F. Olshan. 2008. Drinking water disinfection by-product exposure and duration of gestation. *Epidemiology* 19 (5):738-46.
76. Myers, S.L., D.T. Lodbell, Z. Liu, Y. Xia, H. Ren, Y. Li, R.K. Kwok, J.L. Mumford, and P. Mendola. 2010. Maternal drinking water arsenic exposure and perinatal outcomes in inner Mongolia, China. *Journal of Epidemiology and Community Health* 64 (4):325-9.
77. Rahman, A., M. Vahter, A.H. Smith, B. Nermell, M. Yunus, S. El Arifeen, L.A. Persson, and E.C. Ekstrom. 2009. Arsenic exposure during pregnancy and size at birth: a prospective cohort study in Bangladesh. *American Journal of Epidemiology* 169 (3):304-12.
78. Smith, A.H., and C.M. Steinmaus. 2009. Health effects of arsenic and chromium in drinking water: recent human findings. *Annual Review of Public Health* 30:107-22.
79. Slama, R., O. Thiebaugeorges, V. Goua, L. Aussel, P. Sacco, A. Bohet, A. Forhan, B. Ducot, I. Annesi-Maesano, J. Heinrich, et al. 2009. Maternal personal exposure to airborne benzene and intrauterine growth. *Environmental Health Perspectives* 117 (8):1313-21.

Adverse Birth Outcomes (continued)

80. Ochoa-Acuna, H., J. Frankenberger, L. Hahn, and C. Carbajo. 2009. Drinking-water herbicide exposure in Indiana and prevalence of small-for-gestational-age and preterm delivery. *Environmental Health Perspectives* 117 (10):1619-24.
81. Ranjit, N., K. Siefert, and V. Padmanabhan. 2010. Bisphenol-A and disparities in birth outcomes: a review and directions for future research. *Journal of Perinatology* 30 (1):2-9.
82. Konishi, K., S. Sasaki, S. Kato, S. Ban, N. Washino, J. Kajiwara, T. Todaka, H. Hirakawa, T. Hori, D. Yasutake, et al. 2009. Prenatal exposure to PCDDs/PCDFs and dioxin-like PCBs in relation to birth weight. *Environmental Research* 109 (7):906-13.
83. Zota, A.R., A.S. Ettinger, M. Bouchard, C.J. Amarasiwardena, J. Schwartz, H. Hu, and R.O. Wright. 2009. Maternal blood manganese levels and infant birth weight. *Epidemiology* 20 (3):367-73.
84. Davidoff, M.J., T. Dias, K. Damus, R. Russell, V.R. Bettgowda, S. Dolan, R.H. Schwarz, N.S. Green, and J. Petrini. 2006. Changes in the gestational age distribution among U.S. singleton births: impact on rates of late preterm birth, 1992 to 2002. *Seminars in Perinatology* 30 (1):8-15.
85. Heron, M., P.D. Sutton, J. Xu, S.J. Ventura, D.M. Strobino, and B. Guyer. 2010. Annual summary of vital statistics: 2007. *Pediatrics* 125 (1):4-15.

Supplementary Topics

Birth Defects

1. California Birth Defects Monitoring Program. *Overview: The Problem of Birth Defects*. Retrieved August 19, 2009 from <http://www.cdph.ca.gov/programs/CBDMP/Pages/default.aspx>.
2. National Institute of Child Health and Human Development. 2007. *Birth Defects*. Retrieved August 19, 2009 from http://www.nichd.nih.gov/health/topics/birth_defects.cfm.
3. National Center for Health Statistics. 2009. *Health, United States 2008, with Chartbook*. Hyattsville, MD: U.S. Department of Health and Human Services. Centers for Disease Control and Prevention. National Center for Health Statistics.
4. Centers for Disease Control and Prevention. 2011. *Guidance for Preventing Birth Defects*. Retrieved August 30, 2011 from <http://www.cdc.gov/ncbddd/birthdefects/prevention.html>.
5. Garcia-Bournissen, F., L. Tsur, L.H. Goldstein, A. Staroselsky, M. Avner, F. Asrar, M. Berkovitch, G. Straface, G. Koren, and M. De Santis. 2008. Fetal exposure to isotretinoin-an international problem. *Reproductive Toxicology* 25 (1):124-8.
6. American Academy of Pediatrics. Committee on Substance Abuse and Committee on Children With Disabilities. 2000. Fetal alcohol syndrome and alcohol-related neurodevelopmental disorders. *Pediatrics* 106 (2 Pt 1):358-61.
7. Williams, L.J., S.A. Rasmussen, A. Flores, R.S. Kirby, and L.D. Edmonds. 2005. Decline in the prevalence of spina bifida and anencephaly by race/ethnicity: 1995-2002. *Pediatrics* 116 (3):580-6.
8. Brent, R.L. 2004. Environmental causes of human congenital malformations: the pediatrician's role in dealing with these complex clinical problems caused by a multiplicity of environmental and genetic factors. *Pediatrics* 113 (4 Suppl):957-68.
9. Landrigan, P.J., and A. Garg. 2002. Chronic effects of toxic environmental exposures on children's health. *Journal of Toxicology - Clinical Toxicology* 40 (4):449-56.
10. Wigle, D.T., T.E. Arbuckle, M.C. Turner, A. Berube, Q. Yang, S. Liu, and D. Krewski. 2008. Epidemiologic evidence of relationships between reproductive and child health outcomes and environmental chemical contaminants. *Journal of Toxicology and Environmental Health Part B: Critical Reviews* 11 (5-6):373-517.
11. Harada, M., H. Akagi, T. Tsuda, T. Kizaki, and H. Ohno. 1999. Methylmercury level in umbilical cords from patients with congenital Minamata disease. *Science of the Total Environment* 234 (1-3):59-62.
12. Rogan, W.J. 1982. PCBs and cola-colored babies: Japan, 1968, and Taiwan, 1979. *Teratology* 26 (3):259-61.
13. McMartin, K.I., M. Chu, E. Kopecky, T.R. Einarson, and G. Koren. 1998. Pregnancy outcome following maternal organic solvent exposure: a meta-analysis of epidemiologic studies. *American Journal of Industrial Medicine* 34 (3):288-92.
14. Aschengrau, A., J.M. Weinberg, P.A. Janulewicz, L.G. Gallagher, M.R. Winter, V.M. Vieira, T.F. Webster, and D.M. Ozonoff. 2009. Prenatal exposure to tetrachloroethylene-contaminated drinking water and the risk of congenital anomalies: a retrospective cohort study. *Environmental Health* 8:44.
15. Bell, E.M., I. Hertz-Picciotto, and J.J. Beaumont. 2001. A case-control study of pesticides and fetal death due to congenital anomalies. *Epidemiology* 12 (2):148-56.
16. Blatter, B.M., R. Hermens, M. Bakker, N. Roeleveld, A.L. Verbeek, and G.A. Zielhuis. 1997. Paternal occupational exposure around conception and spina bifida in offspring. *American Journal of Industrial Medicine* 32 (3):283-91.
17. Blatter, B.M., and N. Roeleveld. 1996. Spina bifida and parental occupation in a Swedish register-based study. *Scandinavian Journal of Work, Environment, and Health* 22 (6):433-7.
18. Calvert, G.M., W.A. Alarcon, A. Chelminski, M.S. Crowley, R. Barrett, A. Correa, S. Higgins, H.L. Leon, J. Correia, A. Becker, et al. 2007. Case report: three farmworkers who gave birth to infants with birth defects closely grouped in time and place-Florida and North Carolina, 2004-2005. *Environmental Health Perspectives* 115 (5):787-91.
19. Dimich-Ward, H., C. Hertzman, K. Teschke, R. Hershler, S.A. Marion, A. Ostry, and S. Kelly. 1996. Reproductive effects of paternal exposure to chlorophenolate wood preservatives in the sawmill industry. *Scandinavian Journal of Work, Environment, and Health* 22 (4):267-73.
20. Dugas, J., M.J. Nieuwenhuijsen, D. Martinez, N. Iszatt, P. Nelson, and P. Elliott. 2010. Use of biocides and insect repellents and risk of hypospadias. *Occupational and Environmental Medicine* 67 (3):196-200.
21. Engel, L.S., E.S. O'Meara, and S.M. Schwartz. 2000. Maternal occupation in agriculture and risk of limb defects in Washington State, 1980-1993. *Scandinavian Journal of Work, Environment, and Health* 26 (3):193-8.
22. Fernandez, M.F., B. Olmos, A. Granada, M.J. Lopez-Espinosa, J.M. Molina-Molina, J.M. Fernandez, M. Cruz, F. Olea-Serrano, and N. Olea. 2007. Human exposure to endocrine-disrupting chemicals and prenatal risk factors for cryptorchidism and hypospadias: a nested case-control study. *Environmental Health Perspectives* 115 Suppl 1:8-14.

Birth Defects (continued)

23. Garcia, A.M., F.G. Benavides, T. Fletcher, and E. Orts. 1998. Paternal exposure to pesticides and congenital malformations. *Scandinavian Journal of Work, Environment, and Health* 24 (6):473-80.
24. Garcia, A.M., T. Fletcher, F.G. Benavides, and E. Orts. 1999. Parental agricultural work and selected congenital malformations. *American Journal of Epidemiology* 149 (1):64-74.
25. Garry, V.F., M.E. Harkins, L.L. Erickson, L.K. Long-Simpson, S.E. Holland, and B.L. Burroughs. 2002. Birth defects, season of conception, and sex of children born to pesticide applicators living in the Red River Valley of Minnesota, USA. *Environmental Health Perspectives* 110 Suppl 3:441-9.
26. Heeren, G.A., J. Tyler, and A. Mandeya. 2003. Agricultural chemical exposures and birth defects in the Eastern Cape Province, South Africa: a case-control study. *Environmental Health* 2 (1):11.
27. Irgens, A., K. Kruger, A.H. Skorve, and L.M. Irgens. 2000. Birth defects and paternal occupational exposure. Hypotheses tested in a record linkage based dataset. *Acta Obstetrica et Gynecologica Scandinavica* 79 (6):465-70.
28. Loffredo, C.A., E.K. Silbergeld, C. Ferencz, and J. Zhang. 2001. Association of transposition of the great arteries in infants with maternal exposures to herbicides and rodenticides. *American Journal of Epidemiology* 153 (6):529-36.
29. Schreinemachers, D.M. 2003. Birth malformations and other adverse perinatal outcomes in four U.S. Wheat-producing states. *Environmental Health Perspectives* 111 (9):1259-64.
30. Shaw, G.M., C.R. Wasserman, C.D. O'Malley, V. Nelson, and R.J. Jackson. 1999. Maternal pesticide exposure from multiple sources and selected congenital anomalies. *Epidemiology* 10 (1):60-6.
31. Weselak, M., T.E. Arbuckle, D.T. Wigle, M.C. Walker, and D. Krewski. 2008. Pre- and post-conception pesticide exposure and the risk of birth defects in an Ontario farm population. *Reproductive Toxicology* 25 (4):472-80.
32. Bove, F., Y. Shim, and P. Zeitz. 2002. Drinking water contaminants and adverse pregnancy outcomes: a review. *Environmental Health Perspectives* 110 Suppl 1:61-74.
33. Hwang, B.F., J.J. Jaakkola, and H.R. Guo. 2008. Water disinfection by-products and the risk of specific birth defects: A population-based cross-sectional study in Taiwan. *Environmental Health* 7 (1):23.
34. Hwang, B.F., P. Magnus, and J.J. Jaakkola. 2002. Risk of specific birth defects in relation to chlorination and the amount of natural organic matter in the water supply. *American Journal of Epidemiology* 156 (4):374-82.
35. Nieuwenhuisen, M.J., D. Martinez, J. Grellier, J. Bennett, N. Best, N. Iszatt, M. Vrijheid, and M.B. Toledano. 2009. Chlorination disinfection by-products in drinking water and congenital anomalies: review and meta-analyses. *Environmental Health Perspectives* 117 (10):1486-93.
36. Baskin, L.S., K. Himes, and T. Colborn. 2001. Hypospadias and endocrine disruption: is there a connection? *Environmental Health Perspectives* 109 (11):1175-83.
37. Bornman, R., C. de Jager, Z. Worku, P. Farias, and S. Reif. 2010. DDT and urogenital malformations in newborn boys in a malarial area. *British Journal of Urology International* 106 (3):405-11.
38. Dolk, H., M. Vrijheid, B. Armstrong, L. Abramsky, F. Bianchi, E. Garne, V. Nelen, E. Robert, J.E. Scott, D. Stone, et al. 1998. Risk of congenital anomalies near hazardous-waste landfill sites in Europe: the EUROHAZCON study. *Lancet* 352 (9126):423-7.
39. Kristensen, P., L.M. Irgens, A. Andersen, A.S. Bye, and L. Sundheim. 1997. Birth defects among offspring of Norwegian farmers, 1967-1991. *Epidemiology* 8 (5):537-44.
40. Main, K.M., H. Kiviranta, H.E. Virtanen, E. Sundqvist, J.T. Tuomisto, J. Tuomisto, T. Vartiainen, N.E. Skakkebaek, and J. Toppari. 2007. Flame retardants in placenta and breast milk and cryptorchidism in newborn boys. *Environmental Health Perspectives* 115 (10):1519-26.
41. Meyer, K.J., J.S. Reif, D.N. Veeramachaneni, T.J. Luben, B.S. Mosley, and J.R. Nuckols. 2006. Agricultural pesticide use and hypospadias in eastern Arkansas. *Environmental Health Perspectives* 114 (10):1589-95.
42. Nassar, N., P. Abeywardana, A. Barker, and C. Bower. 2010. Parental occupational exposure to potential endocrine disrupting chemicals and risk of hypospadias in infants. *Occupational and Environmental Medicine* 67 (9):585-9.
43. Pierik, F.H., A. Burdorf, J.A. Deddens, R.E. Juttman, and R.F. Weber. 2004. Maternal and paternal risk factors for cryptorchidism and hypospadias: a case-control study in newborn boys. *Environmental Health Perspectives* 112 (15):1570-6.
44. Swan, S.H., K.M. Main, F. Liu, S.L. Stewart, R.L. Kruse, A.M. Calafat, C.S. Mao, J.B. Redmon, C.L. Ternand, S. Sullivan, et al. 2005. Decrease in anogenital distance among male infants with prenatal phthalate exposure. *Environmental Health Perspectives* 113 (8):1056-61.
45. Nelson, C.P., J.M. Park, J. Wan, D.A. Bloom, R.L. Dunn, and J.T. Wei. 2005. The increasing incidence of congenital penile anomalies in the United States. *The Journal of Urology* 174 (4 Pt 2):1573-6.
46. Paulozzi, L.J., J.D. Erickson, and R.J. Jackson. 1997. Hypospadias trends in two US surveillance systems. *Pediatrics* 100 (5):831-4.

Birth Defects (continued)

47. Sharpe, R. 2009. *Male Reproductive Health Disorders and the Potential Role of Environmental Chemical Exposures*. London, UK: CHEM Trust. <http://www.chemicalshealthmonitor.org/IMG/pdf/PROFSHARPE-MaleReproductiveHealth-CHEMTrust09.pdf>.
48. Dadvand, P., J. Rankin, S. Rushton, and T. Pless-Mullooli. 2011. Ambient air pollution and congenital heart disease: a register-based study. *Environmental Research* 111 (3):435-41.
49. Dolk, H., B. Armstrong, K. Lachowycz, M. Vrijheid, J. Rankin, L. Abramsky, P.A. Boyd, and D. Wellesley. 2010. Ambient air pollution and risk of congenital anomalies in England, 1991-1999. *Occupational and Environmental Medicine* 67 (4):223-7.
50. Gilboa, S.M., P. Mendola, A.F. Olshan, P.H. Langlois, D.A. Savitz, D. Loomis, A.H. Herring, and D.E. Fixler. 2005. Relation between ambient air quality and selected birth defects, seven county study, Texas, 1997-2000. *American Journal of Epidemiology* 162 (3):238-52.
51. Hansen, C.A., A.G. Barnett, B.B. Jalaludin, and G.G. Morgan. 2009. Ambient air pollution and birth defects in brisbane, australia. *PLoS One* 4 (4):e5408.
52. Hwang, B.F., and J.J. Jaakkola. 2008. Ozone and other air pollutants and the risk of oral clefts. *Environmental Health Perspectives* 116 (10):1411-5.
53. Kim, O.J., E.H. Ha, B.M. Kim, J.H. Seo, H.S. Park, W.J. Jung, B.E. Lee, Y.J. Suh, Y.J. Kim, J.T. Lee, et al. 2007. PM10 and pregnancy outcomes: a hospital-based cohort study of pregnant women in Seoul. *Journal of Occupational and Environmental Medicine* 49 (12):1394-402.
54. Marshall, E.G., G. Harris, and D. Wartenberg. 2010. Oral cleft defects and maternal exposure to ambient air pollutants in New Jersey. *Birth Defects Research Part A: Clinical and Molecular Teratology* 88 (4):205-15.
55. Rankin, J., T. Chadwick, M. Natarajan, D. Howel, M.S. Pearce, and T. Pless-Mullooli. 2009. Maternal exposure to ambient air pollutants and risk of congenital anomalies. *Environmental Research* 109 (2):181-7.
56. Ritz, B., F. Yu, S. Fruin, G. Chapa, G.M. Shaw, and J.A. Harris. 2002. Ambient air pollution and risk of birth defects in Southern California. *American Journal of Epidemiology* 155 (1):17-25.
57. Strickland, M.J., M. Klein, A. Correa, M.D. Reller, W.T. Mahle, T.J. Riehle-Colarusso, L.D. Botto, W.D. Flanders, J.A. Mulholland, C. Siffel, et al. 2009. Ambient air pollution and cardiovascular malformations in Atlanta, Georgia, 1986-2003. *American Journal of Epidemiology* 169 (8):1004-14.
58. Vrijheid, M., D. Martinez, S. Manzanares, P. Dadvand, A. Schembari, J. Rankin, and M. Nieuwenhuijsen. 2011. Ambient air pollution and risk of congenital anomalies: a systematic review and meta-analysis. *Environmental Health Perspectives* 119 (5):598-606.
59. Goldman, L.R., B. Paigen, M.M. Magnant, and J.H. Highland. 1985. Low birth-weight, prematurity and birth-defects in children living near the hazardous waste site, Love Canal. *Hazardous Waste and Hazardous Materials* 2 (2):209-223.
60. New York State Department of Health. 2008. *Love Canal Follow-up Health Study*. New York City, NY: Division of Environmental Health Assessment Center for Environmental Health http://www.health.state.ny.us/environmental/investigations/love_canal/docs/report_public_comment_final.pdf.
61. Croen, L.A., G.M. Shaw, L. Sanbonmatsu, S. Selvin, and P.A. Buffler. 1997. Maternal residential proximity to hazardous waste sites and risk for selected congenital malformations. *Epidemiology* 8 (4):347-54.
62. Geschwind, S.A., J.A. Stolwijk, M. Bracken, E. Fitzgerald, A. Stark, C. Olsen, and J. Melius. 1992. Risk of congenital malformations associated with proximity to hazardous waste sites. *American Journal of Epidemiology* 135 (11):1197-207.
63. Shaw, G.M., J. Schulman, J.D. Frisch, S.K. Cummins, and J.A. Harris. 1992. Congenital malformations and birthweight in areas with potential environmental contamination. *Archives of Environmental Health* 47 (2):147-54.
64. Yauck, J.S., M.E. Malloy, K. Blair, P.M. Simpson, and D.G. McCarver. 2004. Proximity of residence to trichloroethylene-emitting sites and increased risk of offspring congenital heart defects among older women. *Birth Defects Research. Part A, Clinical and Molecular Teratology* 70 (10):808-14.
65. Brender, J.D., F.B. Zhan, P.H. Langlois, L. Suarez, and A. Scheuerle. 2008. Residential proximity to waste sites and industrial facilities and chromosomal anomalies in offspring. *International Journal of Hygiene and Environmental Health* 211 (1-2):50-8.
66. Vrijheid, M., H. Dolk, B. Armstrong, L. Abramsky, F. Bianchi, I. Fazarinc, E. Garne, R. Ide, V. Nelen, E. Robert, et al. 2002. Chromosomal congenital anomalies and residence near hazardous waste landfill sites. *Lancet* 359 (9303):320-2.
67. Kuehn, C.M., B.A. Mueller, H. Checkoway, and M. Williams. 2007. Risk of malformations associated with residential proximity to hazardous waste sites in Washington State. *Environmental Research* 103 (3):405-12.
68. Suarez, L., J.D. Brender, P.H. Langlois, F.B. Zhan, and K. Moody. 2007. Maternal exposures to hazardous waste sites and industrial facilities and risk of neural tube defects in offspring. *Annals of Epidemiology* 17 (10):772-7.
69. Currie, J., M. Greenstone, and E. Moretti. 2011. Superfund cleanups and infant health. *American Economic Review: Papers and Proceedings* 101 (3):435-441.

Birth Defects (continued)

70. Wilson, J.G. 1973. *Environment and Birth Defects, Environmental Science Series*. London: Academic Press.
71. Winchester, P.D., J. Huskins, and J. Ying. 2009. Agrichemicals in surface water and birth defects in the United States. *Acta Paediatrica* 98 (4):664-9.
72. Boulet, S.L., M. Shin, R.S. Kirby, D. Goodman, and A. Correa. 2011. Sensitivity of birth certificate reports of birth defects in Atlanta, 1995-2005: effects of maternal, infant, and hospital characteristics. *Public Health Reports* 126 (2):186-94.
73. Marengo, L. 2010. Results from an in-house quality control report conducted by the Texas Department of State Health Services. Email from Lisa Marengo, Texas Birth Defects Epidemiology and Surveillance Branch, to Julie Sturza, U.S. EPA, November 4, 2010.
74. National Birth Defects Prevention Network. 2008. State birth defects surveillance program directory. *Birth Defects Research Part A: Clinical and Molecular Teratology* 82:906-961.
75. Parker, S.E., C.T. Mai, M.A. Canfield, R. Rickard, Y. Wang, R.E. Meyer, P. Anderson, C.A. Mason, J.S. Collins, R.S. Kirby, et al. 2010. Updated national birth prevalence estimates for selected birth defects in the United States, 2004-2006. *Birth Defects Research. Part A, Clinical and Molecular Teratology* 88 (12):1008-16.
76. Trust for America's Health. 2002. *Birth Defects Tracking and Prevention: Too Many States are Not Making the Grade*. Washington, DC: Trust for America's Health. <http://healthyamericans.org/reports/birthdefects02/bdreport.pdf>.
77. Texas Birth Defects Epidemiology & Surveillance Branch. 2010. *Texas Birth Defects Registry*. Texas Birth Defects Epidemiology & Surveillance Branch. Retrieved August 10, 2010 from <http://www.dshs.state.tx.us/birthdefects/default.shtm>.
78. Centers for Disease Control and Prevention. 2010. *VitalStats: Birth Data Files*. National Center for Health Statistics. Retrieved August 10, 2010 from http://www.cdc.gov/nchs/data_access/vitalstats/VitalStats_Births.htm.
79. Botto, L.D., A. Correa, and J.D. Erickson. 2001. Racial and temporal variations in the prevalence of heart defects. *Pediatrics* 107 (3):E32.
80. Centers for Disease Control and Prevention. 2008. Update on overall prevalence of major birth defects--Atlanta, Georgia, 1978-2005. *Morbidity and Mortality Weekly Report* 57 (1):1-5.
81. Langlois, P.H., L.K. Marengo, and M.A. Canfield. 2011. Time trends in the prevalence of birth defects in Texas 1999-2007: real or artifactual? *Birth Defects Research. Part A, Clinical and Molecular Teratology* 91 (10):902-17.
82. Langlois, P.H., and A. Scheuerle. 2007. Using registry data to suggest which birth defects may be more susceptible to artifactual clusters and trends. *Birth Defects Research. Part A, Clinical and Molecular Teratology* 79 (11):798-805.
83. Texas Department of State Health Services. *Report of Birth Defects Among 1999-2007 Deliveries*. Texas Birth Defects Epidemiology and Surveillance Branch. Retrieved July 27, 2012 from <http://www.dshs.state.tx.us/birthdefects/data/annl99-07.shtm>.

Contaminants in Schools and Child Care Facilities

1. U.S. Environmental Protection Agency. 2003. *IAQ Tools for Schools*. Washington, DC: U.S. EPA, Indoor Environments Division. EPA 402-F-03-011. http://www.epa.gov/iaq/schools/pdfs/publications/iaqifs_factsheet.pdf.
2. Breyse, P.N., G.B. Diette, E.C. Matsui, A.M. Butz, N.N. Hansel, and M.C. McCormack. 2010. Indoor air pollution and asthma in children. *Proceedings of the American Thoracic Society* 7 (2):102-6.
3. Rudel, R.A., and L.J. Perovich. 2009. Endocrine disrupting chemicals in indoor and outdoor air. *Atmospheric Environment* 43 (1):170-181.
4. U.S. Department of Health and Human Services. 2006. *The Health Consequences of Involuntary Exposure to Tobacco Smoke: A Report of the Surgeon General*. Atlanta, GA: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, Coordinating Center for Health Promotion, National Center for Chronic Disease Prevention and Health Promotion, Office on Smoking and Health.
5. Faustman, E.M., S.M. Silbernagel, R.A. Fenske, T.M. Burbacher, and R.A. Ponce. 2000. Mechanisms underlying children's susceptibility to environmental toxicants. *Environmental Health Perspectives* 108 (Suppl 1):13-21.
6. Landrigan, P.J., L. Claudio, S.B. Markowitz, G.S. Berkowitz, B.L. Brenner, H. Romero, J.G. Wetmur, T.D. Matte, A.C. Gore, J.H. Godbold, et al. 1999. Pesticides and inner-city children: exposures, risks, and prevention. *Environmental Health Perspectives* 107 (Suppl 3):431-7.
7. National Research Council. 1993. *Pesticides in the Diets of Infants and Children*. Washington, DC: National Academies Press. <http://www.nap.edu/openbook.php?isbn=0309048753>.
8. U.S. Environmental Protection Agency. 2008. *Child-Specific Exposure Factors Handbook (Final Report)* Washington, DC: U.S. EPA. National Center for Environmental Assessment. EPA/600/R-06/096. <http://cfpub.epa.gov/ncea/cfm/recordisplay.cfm?deid=199243>.
9. U.S. Environmental Protection Agency. 2011. *School Advanced Ventilation Engineering Software (SAVES)*. U.S. EPA, Indoor Environments Division. Retrieved September 8, 2011 from <http://www.epa.gov/iaq/schooldesign/saves.html>.
10. Wilson, N.K., J.C. Chuang, and C. Lyu. 2001. Levels of persistent organic pollutants in several child day care centers. *Journal of Exposure Analysis and Environmental Epidemiology* 11 (6):449-458.

Contaminants in Schools and Child Care Facilities (continued)

11. Marker, D., J. Rogers, A. Fraser, and S.M. Viet. 2003. *First National Environmental Health Survey of Child Care Centers: Final Report*. Rockville, MD: Westat, Inc. http://www.nmic.org/nycceplp/documents/HUD_NEHSCCC.pdf.
12. U.S. Consumer Product Safety Commission. 1999. *CPSC Staff Study of Safety Hazards in Child Care Settings*. Washington, DC: Consumer Product Safety Commission. <http://www.cpsc.gov/library/ccstudy.html>.
13. Branham, D. 2004. The wise man builds his house upon the rock: The effects of inadequate school building infrastructure on student attendance. *Social Science Quarterly* 85 (5):1112-1128.
14. Mendell, M.J., and G.A. Heath. 2005. Do indoor pollutants and thermal conditions in schools influence student performance? A critical review of the literature. *Indoor Air* 15 (1):27-52.
15. National Research Council. 2006. *Green Schools: Attributes for Health and Learning*. Washington, DC: The National Academies Press. http://www.nap.edu/catalog.php?record_id=11756.
16. Somers, T.S., M.L. Harvey, and S.M. Rusnak. 2011. Making child care centers SAFER: a non-regulatory approach to improving child care center siting. *Public Health Reports* 126 Suppl 1:34-40.
17. U.S. Environmental Protection Agency. 2011. *School Siting Guidelines*. Washington, DC: U.S. EPA, Office of Children's Health Protection. EPA-100-K-11-004. http://www.epa.gov/schools/siting/downloads/School_Siting_Guidelines.pdf.
18. U.S. Environmental Protection Agency, and U.S. Consumer Product Safety Commission. 1993. *The Inside Story: A Guide to Indoor Air Quality*. Washington, DC: U.S. EPA, Office of Radiation and Indoor Air. EPA-402-R-93-013. <http://www.epa.gov/iaq/pubs/insidestory.html>.
19. Daisey, J.M., W.J. Angell, and M.G. Apte. 2003. Indoor air quality, ventilation and health symptoms in schools: an analysis of existing information. *Indoor Air* 13 (1):53-64.
20. U.S. Environmental Protection Agency. 2010. *Basic Information: Polychlorinated Biphenyl (PCB)* U.S. EPA. Retrieved November 1, 2010 from <http://www.epa.gov/epawaste/hazard/tsd/pubs/about.htm>.
21. U.S. Environmental Protection Agency. 2010. *Managing School IAQ*. U.S. EPA, Indoor Environments Division. Retrieved September 8, 2011 from <http://www.epa.gov/iaq/schools/symptoms.html>.
22. Shendell, D.G., R. Prill, W.J. Fisk, M.G. Apte, D. Blake, and D. Faulkner. 2004. Associations between classroom CO₂ concentrations and student attendance in Washington and Idaho. *Indoor Air* 14 (5):333-41.
23. Silverstein, M.D., J.E. Mair, S.K. Katusic, P.C. Wollan, J. O'Connell E, and J.W. Yunginger. 2001. School attendance and school performance: a population-based study of children with asthma. *Journal of Pediatrics* 139 (2):278-83.
24. Shaughnessy RJ, Haverinen-Shaughnessy U, Nevalainen A, and M. D. 2006. A preliminary study on the association between ventilation rates in classrooms and student performance. *Indoor Air* 16 (6):465-8.
25. Myhrvold, A.N., E. Olsen, and O. Lauridsen. 1996. Indoor environment in schools - Pupils' health and performance in regard to CO₂ concentrations. *Proceedings: Indoor Air '96, The 7th International Conference on Indoor Air Quality and Climate, Nagoya, Japan* 1:369-74.
26. Smedje, G., D. Norback, and C. Edling. 1996. Mental performance by secondary school pupils in relation to the quality of indoor air. *Proceedings: Indoor Air '96, The 7th International Conference on Indoor Air Quality and Climate, Nagoya, Japan* 1:413-18.
27. U.S. General Accounting Office. 1995. *School Facilities: Condition of America's Schools*. Washington, DC: GAO. GAO/HEHS-95-61. <http://www.gao.gov/archive/1995/he95061.pdf>.
28. Sexton, K., I.A.N.A. Greaves, T.R. Church, J.L. Adgate, G. Ramachandran, R.L. Tweedie, A. Fredrickson, M. Geisser, M. Sikorski, and G. Fischer. 2000. A school-based strategy to assess children's environmental exposures and related health effects in economically disadvantaged urban neighborhoods. *Journal of Exposure Science and Environmental Epidemiology* 10:682-694.
29. Agency for Toxic Substances and Disease Registry (ATSDR). 2010. *Case Studies in Environmental Medicine (CSEM) Environmental Triggers of Asthma, Environmental Factors*. Retrieved September 28, 2010 from <http://www.atsdr.cdc.gov/csem/asthma/envfactors.html>.
30. National Toxicology Program. 2012. *NTP Monograph on Health Effects of Low-Level Lead*. Research Triangle Park, NC: National Institute of Environmental Health Sciences, National Toxicology Program. <http://ntp.niehs.nih.gov/go/36443>.
31. Advisory Committee on Childhood Lead Poisoning Prevention. 2012. *Low Level Lead Exposure Harms Children: A Renewed Call for Primary Prevention*. Atlanta, GA: Centers for Disease Control and Prevention, Advisory Committee on Childhood Lead Poisoning Prevention. http://www.cdc.gov/nceh/lead/acclpp/final_document_010412.pdf.
32. U.S. Environmental Protection Agency. *Lead in Paint, Dust, and Soil*. U.S. EPA, Office of Pollution Prevention and Toxics. Retrieved October 7, 2010 from <http://www.epa.gov/lead/>.
33. Levin, R., M.J. Brown, M.E. Kashtock, D.E. Jacobs, E.A. Whelan, J. Rodman, M.R. Schock, A. Padilla, and T. Sinks. 2008. Lead exposures in U.S. children, 2008: implications for prevention. *Environmental Health Perspectives* 116 (10):1285-93.

Contaminants in Schools and Child Care Facilities (continued)

34. Lambrinidou, Y., S. Triantafyllidou, and M. Edwards. 2010. Failing our children: lead in US school drinking water. *New Solutions: A Journal of Environmental and Occupational Health Policy* 20 (1):25-47.
35. U.S. Environmental Protection Agency. *Basic Information: Lead in Paint, Dust, and Soil*. U.S. EPA, Office of Pollution Prevention and Toxics. Retrieved September 29, 2010 from <http://www.epa.gov/lead/pubs/leadinfo.htm#where>.
36. Jacobs, D.E., R.P. Clickner, J.Y. Zhou, S.M. Viet, D.A. Marker, J.W. Rogers, D.C. Zeldin, P. Broene, and W. Friedman. 2002. The prevalence of lead-based paint hazards in U.S. housing. *Environmental Health Perspectives* 110 (10):A599-606.
37. Braun, J.M., R.S. Kahn, T. Froehlich, P. Auinger, and B.P. Lanphear. 2006. Exposures to environmental toxicants and attention deficit hyperactivity disorder in U.S. children. *Environmental Health Perspectives* 114 (12):1904-9.
38. Eubig, P.A., A. Aguiar, and S.L. Schantz. 2010. Lead and PCBs as risk factors for attention deficit/hyperactivity disorder. *Environmental Health Perspectives* 118 (12):1654-67.
39. Froehlich, T.E., B.P. Lanphear, P. Auinger, R. Hornung, J.N. Epstein, J. Braun, and R.S. Kahn. 2009. Association of tobacco and lead exposures with attention-deficit/hyperactivity disorder. *Pediatrics* 124 (6):e1054-63.
40. Ha, M., H.J. Kwon, M.H. Lim, Y.K. Jee, Y.C. Hong, J.H. Leem, J. Sakong, J.M. Bae, S.J. Hong, Y.M. Roh, et al. 2009. Low blood levels of lead and mercury and symptoms of attention deficit hyperactivity in children: a report of the children's health and environment research (CHEER). *Neurotoxicology* 30 (1):31-6.
41. Nigg, J.T., G.M. Knottnerus, M.M. Martel, M. Nikolas, K. Cavanagh, W. Karmaus, and M.D. Rappley. 2008. Low blood lead levels associated with clinically diagnosed attention-deficit/hyperactivity disorder and mediated by weak cognitive control. *Biological Psychiatry* 63 (3):325-31.
42. Nigg, J.T., M. Nikolas, G. Mark Knottnerus, K. Cavanagh, and K. Friderici. 2010. Confirmation and extension of association of blood lead with attention-deficit/hyperactivity disorder (ADHD) and ADHD symptom domains at population-typical exposure levels. *The Journal of Child Psychology and Psychiatry* 51 (1):58-65.
43. Roy, A., D. Bellinger, H. Hu, J. Schwartz, A.S. Ettinger, R.O. Wright, M. Bouchard, K. Palaniappan, and K. Balakrishnan. 2009. Lead exposure and behavior among young children in Chennai, India. *Environmental Health Perspectives* 117 (10):1607-11.
44. Wang, H.L., X.T. Chen, B. Yang, F.L. Ma, S. Wang, M.L. Tang, M.G. Hao, and D.Y. Ruan. 2008. Case-control study of blood lead levels and attention deficit hyperactivity disorder in Chinese children. *Environmental Health Perspectives* 116 (10):1401-6.
45. Needleman, H.L., A. Schell, D. Bellinger, A. Leviton, and E.N. Allred. 1990. The long-term effects of exposure to low doses of lead in childhood. An 11-year follow-up report. *New England Journal of Medicine* 322 (2):83-8.
46. Dietrich, K.N., M.D. Ris, P.A. Succop, O.G. Berger, and R.L. Bornschein. 2001. Early exposure to lead and juvenile delinquency. *Neurotoxicology and Teratology* 23 (6):511-8.
47. Marcus, D.K., J.J. Fulton, and E.J. Clarke. 2010. Lead and conduct problems: a meta-analysis. *Journal of Clinical Child and Adolescent Psychology* 39 (2):234-41.
48. Needleman, H.L., C. McFarland, R.B. Ness, S.E. Fienberg, and M.J. Tobin. 2002. Bone lead levels in adjudicated delinquents. A case control study. *Neurotoxicology and Teratology* 24 (6):711-7.
49. Needleman, H.L., J.A. Riess, M.J. Tobin, G.E. Biesecker, and J.B. Greenhouse. 1996. Bone lead levels and delinquent behavior. *The Journal of the American Medical Association* 275 (5):363-9.
50. Nevin, R. 2007. Understanding international crime trends: the legacy of preschool lead exposure. *Environmental Research* 104 (3):315-36.
51. Wright, J.P., K.N. Dietrich, M.D. Ris, R.W. Hornung, S.D. Wessel, B.P. Lanphear, M. Ho, and M.N. Rae. 2008. Association of prenatal and childhood blood lead concentrations with criminal arrests in early adulthood. *PLoS Medicine* 5 (5):e101.
52. U.S. Environmental Protection Agency. 2010. *Healthy School Environment Resources: PCBs*. U.S. EPA. Retrieved September 23, 2010 from http://cfpub.epa.gov/schools/top_sub.cfm?t_id=41&s_id=32.
53. U.S. Environmental Protection Agency. 2010. *EPA Issues National Guidance to Address Proper Maintenance, Removal, and Disposal of PCB-Containing Fluorescent Lights (Press Release)*. U.S. EPA, Office of Public Affairs. Retrieved December 29, 2010 from <http://yosemite.epa.gov/opa/admpress.nsf/d0cf6618525a9efb85257359003fb69d/6c03fdec1e63274c8525780800693d7d!OpenDocument>.
54. Newman, D.M. 2010. PCBs in schools: What about school maintenance workers? *New Solutions: A Journal of Environmental and Occupational Health Policy* 20 (2):189-191.
55. U.S. Environmental Protection Agency. 2010. *Healthy School Environment Resources: Siting*. U.S. EPA. Retrieved September 28, 2010 from http://cfpub.epa.gov/schools/top_sub.cfm?t_id=45&s_id=64.
56. Herrick, R.F., D.J. Lefkowitz, and G.A. Weymouth. 2007. Soil contamination from PCB-containing buildings. *Environmental Health Perspectives* 115 (2):173-175.

Contaminants in Schools and Child Care Facilities (continued)

57. Herrick, R.F., M.D. McClean, J.D. Meeker, L.K. Baxter, and G.A. Weymouth. 2004. An unrecognized source of PCB contamination in schools and other buildings. *Environmental Health Perspectives* 112 (10):1051-3.
58. Boucher, O., G. Muckle, and C.H. Bastien. 2009. Prenatal exposure to polychlorinated biphenyls: a neuropsychologic analysis. *Environmental Health Perspectives* 117 (1):7-16.
59. Ribas-Fito, N., M. Sala, M. Kogevinas, and J. Sunyer. 2001. Polychlorinated biphenyls (PCBs) and neurological development in children: a systematic review. *Journal of Epidemiology and Community Health* 55 (8):537-46.
60. Schantz, S.L., J.C. Gardiner, D.M. Gasior, R.J. McCaffrey, A.M. Sweeney, and H.E.B. Humphrey. 2004. Much ado about something: The weight of evidence for PCB effects on neuropsychological function. *Psychology in the Schools* 41 (6):669-679.
61. Schantz, S.L., J.J. Widholm, and D.C. Rice. 2003. Effects of PCB exposure on neuropsychological function in children. *Environmental Health Perspectives* 111 (3):357-576.
62. Wigle, D.T., T.E. Arbuckle, M.C. Turner, A. Berube, Q. Yang, S. Liu, and D. Krewski. 2008. Epidemiologic evidence of relationships between reproductive and child health outcomes and environmental chemical contaminants. *Journal of Toxicology and Environmental Health Part B Critical Reviews* 11 (5-6):373-517.
63. U.S. Environmental Protection Agency. 2010. *Asbestos: Basic Information*. U.S. EPA, Office of Pollution Prevention and Toxics. Retrieved September 23, 2010 from <http://www.epa.gov/asbestos/pubs/help.html>.
64. U.S. Environmental Protection Agency. 2010. *Asbestos: Laws and Regulations*. U.S. EPA, Office of Pollution Prevention and Toxics. Retrieved September 23, 2010 from <http://www.epa.gov/asbestos/pubs/asbreg.html>.
65. United States Code. 1986. *Asbestos Hazard Emergency Response*. Title 15, Chapter 53, Subchapter II. <http://www.gpo.gov/fdsys/pkg/USCODE-2009-title15/html/USCODE-2009-title15-chap53-subchapII.htm>.
66. Agency for Toxic Substances and Disease Registry (ATSDR). 2001. *Toxicological Profile for Asbestos. Update*. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.
67. U.S. Environmental Protection Agency. 2010. *20 Frequently Asked Questions About Asbestos in Schools*. U.S. EPA, Office of Pollution Prevention and Toxics. Retrieved September 23, 2010 from <http://www.epa.gov/asbestos/pubs/ais20quests.pdf>.
68. Sutton, R. 2009. *Greener School Cleaning Supplies = Fresh Air + Healthier Kids: New Research Links School Air Quality to School Cleaning Supplies*. Washington, DC: Environmental Working Group. <http://www.ewg.org/files/2009/10/school-cleaners/EWGschoolcleaningsupplies.pdf>.
69. Nazaroff, W.W., and C.J. Weschler. 2004. Cleaning products and air fresheners: exposure to primary and secondary air pollutants. *Atmospheric Environment* 38 (18):2841-2865.
70. U.S. Environmental Protection Agency. 2010. *An Introduction to Indoor Air Quality: Volatile Organic Compounds (VOCs)*. U.S. EPA. Retrieved September 23, 2010 from <http://www.epa.gov/iaq/voc.html>.
71. Redlich, C.A., J. Sparer, and M.R. Cullen. 1997. Sick-building syndrome. *Lancet* 349 (9057):1013-6.
72. Tortolero, S.R., L.K. Bartholomew, S. Tyrrell, S.L. Abramson, M.M. Sockrider, C.M. Markham, L.W. Whitehead, and G.S. Parcel. 2002. Environmental allergens and irritants in schools: a focus on asthma. *Journal of School Health* 72 (1):33-8.
73. Institute of Medicine. 2000. *Clearing the Air: Asthma and Indoor Air Exposures*. Washington DC: National Academy Press. <http://books.nap.edu/catalog/9610.html>.
74. Samet, J.M., M.C. Marbury, and J.D. Spengler. 1987. Health effects and sources of indoor air pollution. Part I. *The American Review of Respiratory Disease* 136 (6):1486-508.
75. California Air Resources Board and California Department of Health Services. 2004. *Environmental Health Conditions in California's Portable Classrooms*. Sacramento, CA: California Air Resources Board, California Department of Health Services. http://www.arb.ca.gov/research/indoor/pes/leg_rpt/pes_r2l.pdf.
76. U.S. Environmental Protection Agency. 2010. *Radon in Schools*. U.S. EPA. Retrieved September 28, 2010 from <http://www.epa.gov/radon/pubs/schoolrn.html>.
77. Egeghy, P.P., L. Sheldon, R.C. Fortmann, D.M. Stout II, N.S. Tulve, E. Cohen-Hubal, L.J. Melnyk, M.K. Morgan, P.A. Jones, D.A. Whitaker, et al. 2007. *Important Exposure Factors to Children: An Analysis of Laboratory and Observational Field Data Characterizing Cumulative Exposures to Pesticides*. Research Triangle Park, NC: U.S. EPA, Office of Research and Development. EPA 600/R-07/013. EPA 600/R-07/013. <http://www.epa.gov/nerl/research/data/exposure-factors.pdf>.
78. Gurunathan, S., M. Robson, N. Freeman, B. Buckley, A. Roy, R. Meyer, J. Bukowski, and P.J. Liroy. 1998. Accumulation of chlorpyrifos on residential surfaces and toys accessible to children. *Environmental Health Perspectives* 106 (1):9-16.

Contaminants in Schools and Child Care Facilities (continued)

79. Hore, P., M. Robson, N. Freeman, J. Zhang, D. Wartenberg, H. Ozkaynak, N. Tulve, L. Sheldon, L. Needham, D. Barr, et al. 2005. Chlorpyrifos accumulation patterns for child-accessible surfaces and objects and urinary metabolite excretion by children for 2 weeks after crack-and-crevice application. *Environmental Health Perspectives* 113 (2):211-9.
80. Nishioka, M.G., R.G. Lewis, M.C. Brinkman, H.M. Burkholder, C.E. Hines, and J.R. Menkedick. 2001. Distribution of 2,4-D in air and on surfaces inside residences after lawn applications: comparing exposure estimates from various media for young children. *Environmental Health Perspectives* 109 (11):1185-91.
81. Roberts, J.W., L.A. Wallace, D.E. Camann, P. Dickey, S.G. Gilbert, R.G. Lewis, and T.K. Takaro. 2009. Monitoring and reducing exposure of infants to pollutants in house dust. *Reviews of Environmental Contamination & Toxicology* 201:1-39.
82. Stout, D.M., 2nd, and R.B. Leidy. 2000. A preliminary examination of the translocation of microencapsulated cyfluthrin following applications to the perimeter of residential dwellings. *Journal of Environmental Science and Health Part B* 35 (4):477-89.
83. Wright, C.G., R.B. Leidy, and H.E. Dupree, Jr. 1993. Cypermethrin in the ambient air and on surfaces of rooms treated for cockroaches. *Bulletin of Environmental Contamination and Toxicology* 51 (3):356-60.
84. Tulve, N.S., P.P. Egeghy, R.C. Fortmann, D.A. Whitaker, M.G. Nishioka, L.P. Naeher, and A. Hilliard. 2008. Multimedia measurements and activity patterns in an observational pilot study of nine young children. *Journal of Exposure Science and Environmental Epidemiology* 18 (1):31-44.
85. Whitmore, R.W., F.W. Immerman, D.E. Camann, A.E. Bond, R.G. Lewis, and J.L. Schaum. 1994. Non-occupational exposures to pesticides for residents of two U.S. cities. *Archives of Environmental Contamination and Toxicology* 26 (1):47-59.
86. Whyatt, R.M., D.B. Barr, D.E. Camann, P.L. Kinney, J.R. Barr, H.F. Andrews, L.A. Hoepner, R. Garfinkel, Y. Hazi, A. Reyes, et al. 2003. Contemporary-use pesticides in personal air samples during pregnancy and blood samples at delivery among urban minority mothers and newborns. *Environmental Health Perspectives* 111 (5):749-56.
87. Williams, M.K., D.B. Barr, D.E. Camann, L.A. Cruz, E.J. Carlton, M. Borjas, A. Reyes, D. Evans, P.L. Kinney, R.D. Whitehead, Jr., et al. 2006. An intervention to reduce residential insecticide exposure during pregnancy among an inner-city cohort. *Environmental Health Perspectives* 114 (11):1684-9.
88. Matoba, Y., Y. Takimoto, and T. Kato. 1998. Indoor behavior and risk assessment following residual spraying of d-phenothrin and d-tetramethrin. *American Industrial Hygiene Association Journal* 59 (3):191-9.
89. Leng, G., E. Berger-Preiss, K. Levsen, U. Ranft, D. Sugiri, W. Hadnagy, and H. Idel. 2005. Pyrethroids used indoor-ambient monitoring of pyrethroids following a pest control operation. *International Journal of Hygiene and Environmental Health* 208 (3):193-9.
90. Julien, R., G. Adamkiewicz, J.I. Levy, D. Bennett, M. Nishioka, and J.D. Spengler. 2008. Pesticide loadings of select organophosphate and pyrethroid pesticides in urban public housing. *Journal of Exposure Science and Environmental Epidemiology* 18 (2):167-74.
91. Colt, J.S., J. Lubin, D. Camann, S. Davis, J. Cerhan, R.K. Severson, W. Cozen, and P. Hartge. 2004. Comparison of pesticide levels in carpet dust and self-reported pest treatment practices in four US sites. *Journal of Exposure Analysis and Environmental Epidemiology* 14 (1):74-83.
92. Stout, D.M., 2nd, K.D. Bradham, P.P. Egeghy, P.A. Jones, C.W. Croghan, P.A. Ashley, E. Pinzer, W. Friedman, M.C. Brinkman, M.G. Nishioka, et al. 2009. American Healthy Homes Survey: a national study of residential pesticides measured from floor wipes. *Environmental Science & Technology* 43 (12):4294-300.
93. Berger-Preiß, E., A. Preiß, K. Sielaff, M. Raabe, B. Ilgen, and K. Levsen. 1997. The behavior of pyrethroids indoors: A model study. *Indoor Air* 7:248-261.
94. Weschler, C.J. 2009. Changes in indoor pollutants since the 1950s. *Atmospheric Environment* 43 (1):153-169.
95. Harnly, M.E., A. Bradman, M. Nishioka, T.E. McKone, D. Smith, R. McLaughlin, G. Kavanagh-Baird, R. Castorina, and B. Eskenazi. 2009. Pesticides in dust from homes in an agricultural area. *Environmental Science & Technology* 43 (23):8767-74.
96. Morgan, M.K., et al. 2004. *A Pilot Study of Children's Total Exposure to Persistent Pesticides and Other Persistent Organic Pollutants (CTEPP) Volume I and II*. Research Triangle Park, NC: U.S. EPA, Office of Research and Development. http://www.epa.gov/heads/ctep/ctepp_report.pdf.
97. Tulve, N.S., P.A. Jones, M.G. Nishioka, R.C. Fortmann, C.W. Croghan, J.Y. Zhou, A. Fraser, C. Cavel, and W. Friedman. 2006. Pesticide measurements from the first national environmental health survey of child care centers using a multi-residue GC/MS analysis method. *Environmental Science and Technology* 40 (20):6269-74.
98. Morgan, M.K., D.M. Stout, P.A. Jones, and D.B. Barr. 2008. An observational study of the potential for human exposures to pet-borne diazinon residues following lawn applications. *Environmental Research* 107 (3):336-42.
99. California Department of Health Services and California Air Resources Board. 2004. *Report to the California Legislature: Environmental Health Conditions in California's Portable Classrooms*. Sacramento, CA: California Department of Health Services, California Air Resources Board. <http://www.arb.ca.gov/research/apr/reports/l3006.pdf>.

Contaminants in Schools and Child Care Facilities (continued)

100. Carozza, S.E., B. Li, K. Elgethun, and R. Whitworth. 2008. Risk of childhood cancers associated with residence in agriculturally intense areas in the United States. *Environmental Health Perspectives* 116 (4):559-65.
101. Daniels, J.L., A.F. Olshan, and D.A. Savitz. 1997. Pesticides and childhood cancers. *Environmental Health Perspectives* 105 (10):1068-77.
102. Ma, X., P.A. Buffler, R.B. Gunier, G. Dahl, M.T. Smith, K. Reinier, and P. Reynolds. 2002. Critical windows of exposure to household pesticides and risk of childhood leukemia. *Environmental Health Perspectives* 110 (9):955-60.
103. Turner, M.C., D.T. Wigle, and D. Krewski. 2010. Residential pesticides and childhood leukemia: a systematic review and meta-analysis. *Environmental Health Perspectives* 118 (1):33-41.
104. U.S. Environmental Protection Agency. 2008. *Chemicals Evaluated for Carcinogenic Potential by the Office of Pesticide Programs*. Washington, DC: U.S. EPA, Office of Pesticide Programs.
105. Bouchard, M.F., D.C. Bellinger, R.O. Wright, and M.G. Weisskopf. 2010. Attention-deficit/hyperactivity disorder and urinary metabolites of organophosphate pesticides. *Pediatrics* 125 (6):e1270-7.
106. Eskenazi, B., A.R. Marks, A. Bradman, K. Harley, D.B. Barr, C. Johnson, N. Morga, and N.P. Jewell. 2007. Organophosphate pesticide exposure and neurodevelopment in young Mexican-American children. *Environmental Health Perspectives* 115 (5):792-8.
107. Lovasi, G.S., J.W. Quinn, V.A. Rauh, F.P. Perera, H.F. Andrews, R. Garfinkel, L. Hoepner, R. Whyatt, and A. Rundle. 2011. Chlorpyrifos Exposure and Urban Residential Environment Characteristics as Determinants of Early Childhood Neurodevelopment. *American Journal of Public Health* 101 (1):63-70.
108. Salam, M.T., Y.F. Li, B. Langholz, and F.D. Gilliland. 2004. Early-life environmental risk factors for asthma: findings from the Children's Health Study. *Environmental Health Perspectives* 112 (6):760-5.
109. U.S. General Accounting Office. 1999. *Pesticides: Use, Effects, and Alternatives to Pesticides in Schools*. Washington, DC: U.S. General Accounting Office. <http://www.gao.gov/archive/2000/rc00017.pdf>.
110. Owens, K. 2010. Schooling of state pesticide laws: 2010 update. *Pesticides and You* 29 (3):9-20.
111. Mir, D.F., Y. Finkelstein, and G.D. Tulipano. 2010. Impact of integrated pest management (IPM) training on reducing pesticide exposure in Illinois childcare centers. *Neurotoxicology* 31 (5):621-626.
112. Williams, M.K., A. Rundle, D. Holmes, M. Reyes, L.A. Hoepner, D.B. Barr, D.E. Camann, F.P. Perera, and R.M. Whyatt. 2008. Changes in pest infestation levels, self-reported pesticide use, and permethrin exposure during pregnancy after the 2000-2001 U.S. Environmental Protection Agency restriction of organophosphates. *Environmental Health Perspectives* 116 (12):1681-8.
113. Beyond Pesticides. 2010. *State and Local School Pesticide Policies*. Beyond Pesticides. Retrieved July 8, 2010 from <http://www.beyondpesticides.org/schools/schoolpolicies/index.htm>.
114. Wilson, N.K., J.C. Chuang, R. Iachan, C. Lyu, S.M. Gordon, M.K. Morgan, H. Ozkaynak, and L.S. Sheldon. 2004. Design and sampling methodology for a large study of preschool children's aggregate exposures to persistent organic pollutants in their everyday environments. *Journal of Exposure Analysis and Environmental Epidemiology* 14 (3):260-274.
115. California Department of Pesticide Regulation. 2010. *The Healthy Schools Act of 2000 (AB 2260) Frequently Asked Questions*. Retrieved September 22 from <http://apps.cdpr.ca.gov/schoolipm/overview/faq2000.cfm>.

