

Selected References for “How Air Pollution Affects Our Health”

Reproductive and Developmental

- Backes, C. H., Nelin, T., Gorr, M. W., & Wold, L. E. (2013). Early life exposure to air pollution: how bad is it?. *Toxicology letters*, 216(1), 47-53.
- Bobak, M. (2000). Outdoor air pollution, low birth weight, and prematurity. *Environmental health perspectives*, 108(2), 173.
- Fleischer, N. L., Meriardi, M., van Donkelaar, A., Vadillo-Ortega, F., Martin, R. V., Betran, A. P., & Souza, J. P. (2014). Outdoor air pollution, preterm birth, and low birth weight: analysis of the world health organization global survey on maternal and perinatal health. *Environmental health perspectives*, 122(4), 425.
- Pedersen, M., Giorgis-Allemand, L., Bernard, C., Aguilera, I., Andersen, A. M. N., Ballester, F., & Brunekreef, B. (2013). Ambient air pollution and low birthweight: a European cohort study (ESCAPE). *The Lancet Respiratory Medicine*, 1(9), 695-704.
- Policy Statement: Ambient Air Pollution: Health Hazards to Children. *Pediatrics*. 2004;114(6):1699–1707. Reaffirmed April 2009.
- Rankin, J., & Nieuwenhuijsen, M. (2011). Ambient air pollution and risk of congenital anomalies: a systematic review and meta-analysis. *Environmental health perspectives*, 119(5), 599.
- Stieb, D. M., Chen, L., Eshoul, M., & Judek, S. (2012). Ambient air pollution, birth weight and preterm birth: a systematic review and meta-analysis. *Environmental research*, 117, 100-111.
- Zhu, Y., Zhang, C., Liu, D., Grantz, K. L., Wallace, M., & Mendola, P. (2015). Maternal ambient air pollution exposure preconception and during early gestation and offspring congenital orofacial defects. *Environmental research*, 140, 714-720.

Cardiovascular

- Brook, R. D., Franklin, B., Cascio, W., Hong, Y., Howard, G., Lipsett, M., & Tager, I. (2004). Air pollution and cardiovascular disease A statement for healthcare professionals from the expert panel on population and prevention science of the American Heart Association. *Circulation*, 109(21), 2655-2671.
- Hoek, G., Krishnan, R. M., Beelen, R., Peters, A., Ostro, B., Brunekreef, B., & Kaufman, J. D. (2013). Long-term air pollution exposure and cardio-respiratory mortality: a review. *Environ Health*, 12(1), 43.
- Künzli, N., Jerrett, M., Mack, W. J., Beckerman, B., LaBree, L., Gilliland, F., ... & Hodis, H. N. (2005). Ambient air pollution and atherosclerosis in Los Angeles. *Environmental health perspectives*, 201-206.
- Langrish, J. P., Li, X., Wang, S., Lee, M. M., Barnes, G. D., Miller, M. R., & Jiang, L. (2012). Reducing personal exposure to particulate air pollution improves cardiovascular health in patients with coronary heart disease. *Environmental health perspectives*, 120(3), 367-372.
- Miller, K. A., Siscovick, D. S., Sheppard, L., Shepherd, K., Sullivan, J. H., Anderson, G. L., & Kaufman, J. D. (2007). Long-term exposure to air pollution and incidence of cardiovascular events in women. *New England Journal of Medicine*, 356(5), 447-458.
- Peters, A., Liu, E., Verrier, R. L., Schwartz, J., Gold, D. R., Mittleman, M., & Dockery, D. W. (2000). Air pollution and incidence of cardiac arrhythmia. *Epidemiology*, 11(1), 11-17.
- Shah, A. S., Langrish, J. P., Nair, H., McAllister, D. A., Hunter, A. L., Donaldson, K., & Mills, N. L. (2013). Global association of air pollution and heart failure: a systematic review and meta-analysis. *The Lancet*, 382(9897), 1039-1048.
- Wellenius, G. A., Burger, M. R., Coull, B. A., Schwartz, J., Suh, H. H., Koutrakis, P., ... & Mittleman, M. A. (2012). Ambient air pollution and the risk of acute ischemic stroke. *Archives of internal medicine*, 172(3), 229-234.

Central Nervous System

- Block, M. L., & Calderón-Garcidueñas, L. (2009). Air pollution: mechanisms of neuroinflammation and CNS disease. *Trends in neurosciences*, 32(9), 506-516.
- Calderon-Garciduenas, L., Reed, W., Maronpot, R. R., Henriquez-Roldán, C., Delgado-Chavez, R., Calderon-Garciduenas, A., & Swenberg, J. A. (2004). Brain inflammation and Alzheimer's-like pathology in individuals exposed to severe air pollution. *Toxicologic Pathology*, 32(6), 650-658.
- Calderón-Garcidueñas, L., Engle, R., Mora-Tiscareño, A., Styner, M., Gómez-Garza, G., Zhu, H., & D'Angiulli, A. (2011). Exposure to severe urban air pollution influences cognitive outcomes, brain volume and systemic inflammation in clinically healthy children. *Brain and cognition*, 77(3), 345-355.

- Chen, J. C., Wang, X., Wellenius, G. A., Serre, M. L., Driscoll, I., Casanova, R., & Espeland, M. A. (2015). Ambient Air Pollution and Neurotoxicity on Brain Structure: Evidence from Women's Health Initiative Memory Study. *Annals of neurology*.
- Fonken, L. K., Xu, X., Weil, Z. M., Chen, G., Sun, Q., Rajagopalan, S., & Nelson, R. J. (2011). Air pollution impairs cognition, provokes depressive-like behaviors and alters hippocampal cytokine expression and morphology. *Molecular psychiatry*, *16*(10), 987-995.
- Guxens, M., & Sunyer, J. (2012). A review of epidemiological studies on neuropsychological effects of air pollution. *Swiss Med Wkly*, *141*, w13322.
- Lim, Y. H., Kim, H., Kim, J. H., Bae, S., Park, H. Y., & Hong, Y. C. (2012). Air pollution and symptoms of depression in elderly adults. *Environmental health perspectives*, *120*(7), 1023.
- Moulton, P. V., & Yang, W. (2012). Air pollution, oxidative stress, and Alzheimer's disease. *Journal of environmental and public health*, *2012*.
- Roberts, A. L., Lyall, K., Hart, J. E., Laden, F., Just, A. C., Bobb, J. F., & Weisskopf, M. G. (2013). Perinatal air pollutant exposures and autism spectrum disorder in the children of Nurses' Health Study II participants.
- Siddique, S., Banerjee, M., Ray, M. R., & Lahiri, T. (2011). Attention-deficit hyperactivity disorder in children chronically exposed to high level of vehicular pollution. *European journal of pediatrics*, *170*(7), 923-929.
- Tzivian, L., Winkler, A., Dlugaj, M., Schikowski, T., Vossoughi, M., Fuks, K., & Hoffmann, B. (2015). Effect of long-term outdoor air pollution and noise on cognitive and psychological functions in adults. *International journal of hygiene and environmental health*, *218*(1), 1-11.
- van Kempen, E., Fischer, P., Janssen, N., Houthuijs, D., van Kamp, I., Stansfeld, S., & Cassee, F. (2012). Neurobehavioral effects of exposure to traffic-related air pollution and transportation noise in primary schoolchildren. *Environmental research*, *115*, 18-25.
- Weuve, J., Puett, R. C., Schwartz, J., Yanosky, J. D., Laden, F., & Grodstein, F. (2012). Exposure to particulate air pollution and cognitive decline in older women. *Archives of internal medicine*, *172*(3), 219-227.
- Volk, H. E., Lurmann, F., Penfold, B., Hertz-Picciotto, I., & McConnell, R. (2013). Traffic-related air pollution, particulate matter, and autism. *JAMA psychiatry*, *70*(1), 71-77.

Multiple Systems

- Anderson, J. O., Thundiyil, J. G., & Stolbach, A. (2012). Clearing the air: a review of the effects of particulate matter air pollution on human health. *Journal of Medical Toxicology*, *8*(2), 166-175.
- Andersen, Z. J., Raaschou-Nielsen, O., Ketzel, M., Jensen, S. S., Hvidberg, M., Loft, S., & Sørensen, M. (2012). Diabetes incidence and long-term exposure to air pollution a cohort study. *Diabetes Care*, *35*(1), 92-98.
- Caiazzo, F., Ashok, A., Waitz, I. A., Yim, S. H., & Barrett, S. R. (2013). Air pollution and early deaths in the United States. Part I: Quantifying the impact of major sectors in 2005. *Atmospheric Environment*, *79*, 198-208
- Dockery, D. W., Pope, C. A., Xu, X., Spengler, J. D., Ware, J. H., Fay, M. E., & Speizer, F. E. (1993). An association between air pollution and mortality in six US cities. *New England journal of medicine*, *329*(24), 1753-1759.
- Jerrett, M., McConnell, R., Wolch, J., Chang, R., Lam, C., Dunton, G., & Berhane, K. (2014). Traffic-related air pollution and obesity formation in children: a longitudinal, multilevel analysis. *Environ Health*, *13*(1), 49.
- Lave, L. B., & Seskin, E. P. (2013). *Air pollution and human health* (Vol. 6). Routledge.
- Thiering, E., Cyrus, J., Kratzsch, J., Meisinger, C., Hoffmann, B., Berdel, D., & Heinrich, J. (2013). Long-term exposure to traffic-related air pollution and insulin resistance in children: results from the GINIplus and LISAPLUS birth cohorts. *Diabetologia*, *56*(8), 1696-1704.
- Weichenthal, S., Hoppin, J. A., & Reeves, F. (2014). Obesity and the cardiovascular health effects of fine particulate air pollution. *Obesity*, *22*(7), 1580-1589.

Respiratory

- Anderson, H. R., Favarato, G., & Atkinson, R. W. (2013). Long-term exposure to air pollution and the incidence of asthma: meta-analysis of cohort studies. *Air Quality, Atmosphere & Health*, *6*(1), 47-56.
- Cai, Y., Schikowski, T., Vierkötter, A., Carsin, A. E., Sanchez, M., Adam, M., & Hansell, A. L. (2013). Effect of air pollution on prevalence of chronic bronchitis symptoms—a cross-sectional analysis of 5 cohort studies. *European Respiratory Journal*, *42*(Suppl 57), 403.
- Delfino, R. J., Wu, J., Tjoa, T., Gullesserian, S. K., Nickerson, B., & Gillen, D. L. (2014). Asthma morbidity and ambient air pollution: effect modification by residential traffic-related air pollution. *Epidemiology*, *25*(1), 48-57.

- Gasana, J., Dillikar, D., Mendy, A., Forno, E., & Vieira, E. R. (2012). Motor vehicle air pollution and asthma in children: a meta-analysis. *Environmental research*, 117, 36-45.
- Mehta, S., Shin, H., Burnett, R., North, T., & Cohen, A. J. (2013). Ambient particulate air pollution and acute lower respiratory infections: a systematic review and implications for estimating the global burden of disease. *Air Quality, Atmosphere & Health*, 6(1), 69-83.
- Peacock, J. L., Anderson, H. R., Bremner, S. A., Marston, L., Seemungal, T. A., Strachan, D. P., & Wedzicha, J. A. (2011). Outdoor air pollution and respiratory health in patients with COPD. *Thorax*, thx-2010.
- Puett, R. C., Hart, J. E., Yanosky, J. D., Spiegelman, D., Wang, M., Fisher, J. A., & Laden, F. (2014). Particulate matter air pollution exposure, distance to road, and incident lung cancer in the Nurses' Health Study cohort.
- Rice, M. B., Ljungman, P. L., Wilker, E. H., Gold, D. R., Schwartz, J. D., Koutrakis, P., & Mittleman, M. A. (2013). Short-term exposure to air pollution and lung function in the Framingham Heart Study. *American journal of respiratory and critical care medicine*, 188(11), 1351-1357.
- Schultz, E. S., Gruzieva, O., Bellander, T., Bottai, M., Hallberg, J., Kull, I., & Pershagen, G. (2012). Traffic-related air pollution and lung function in children at 8 years of age: a birth cohort study. *American journal of respiratory and critical care medicine*, 186(12), 1286-1291.
- Sugiri, D., Vierkötter, A., Curjuric, I., Rochat, T., Zemp, E., Phuleria, H., & Probst-Hensch, N. K. (2014). Long-Term Exposure To Air Pollution And Chronic Obstructive Lung Disease In Non-Smoking Women From Two Longitudinal Cohorts. *Am J Respir Crit Care Med*, 189, A2439.
- Turner, M. C., Krewski, D., Pope III, C. A., Chen, Y., Gapstur, S. M., & Thun, M. J. (2011). Long-term ambient fine particulate matter air pollution and lung cancer in a large cohort of never-smokers. *American journal of respiratory and critical care medicine*, 184(12), 1374-1381.
- Urman, R., McConnell, R., Islam, T., Avol, E. L., Lurmann, F. W., Vora, H., & Gauderman, W. J. (2013). Associations of children's lung function with ambient air pollution: joint effects of regional and near-roadway pollutants. *Thorax*, thoraxjnl-2012.