

## U.S. Studies

- Abt, E., Suh, H.H., Allen, G., Koutrakis, P., 2000. Characterization of indoor particle sources: A study conducted in the metropolitan Boston area. *Environ Health Perspect* 108, 35–44. [www.ncbi.nlm.nih.gov/pmc/articles/PMC1637850/pdf/envhper00302-0067.pdf](http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1637850/pdf/envhper00302-0067.pdf)
- Amouei Torkmahalleh, M., Zhao, Y., Hopke, P.K., Rossner, A., Ferro, A.R., 2013. Additive impacts on particle emissions from heating low emitting cooking oils. *Atmospheric Environment* 74, 194–198. [www.sciencedirect.com/science/article/pii/S1352231013002148](http://www.sciencedirect.com/science/article/pii/S1352231013002148)
- Delp, W.W., Singer, B.C., 2012. Performance assessment of U.S. residential cooking exhaust hoods. *Environmental Science & Technology* 46, 6167–6173. <http://pubs.acs.org/stoken/presspac/presspac/abs/10.1021/es3001079>
- Lee, T., Gany, F., 2012. Cooking oil fumes and lung cancer: a review of the literature in the context of the U.S. population. *Journal of Immigrant and Minority Health* 15, 646–652. <http://link.springer.com/article/10.1007%2Fs10903-012-9651-1>
- Olson, D.A., Burke, J.M., 2006. Distributions of PM<sub>2.5</sub> source strengths for cooking from the Research Triangle Park particulate matter panel study. *Environ. Sci. Technol.* 40, 163–169. <http://pubs.acs.org/doi/abs/10.1021/es050359t>
- Schauer, J.J., Kleeman, M.J., Cass, G.R., Simoneit, B.R.T., 2002. Measurement of emissions from air pollution sources. 4. C<sub>1</sub>–C<sub>27</sub> organic compounds from cooking with seed oils. *Environ. Sci. Technol.* 36, 567–575. <http://pubs.acs.org/doi/abs/10.1021/es002053m>
- Seaman, V.Y., Bennett, D.H., Cahill, T.M., 2007. Indoor acrolein emission and decay rates resulting from domestic cooking events. *Atmospheric Environment* 43, 6199–6204. [www.sciencedirect.com/science/article/pii/S1352231009007596](http://www.sciencedirect.com/science/article/pii/S1352231009007596)
- Singer, B.C., Delp, W.W., Price, P.N., Apte, M.G., 2012. Performance of installed cooking exhaust devices. *Indoor Air* 22, 224–234. <http://onlinelibrary.wiley.com/doi/10.1111/j.1600-0668.2011.00756.x/abstract>
- Torkmahalleh, M.A., Goldasteh, I., Zhao, Y., Udochu, N.M., Rossner, A., Hopke, P.K., Ferro, A.R., 2012. PM<sub>2.5</sub> and ultrafine particles emitted during heating of commercial cooking oils. *Indoor Air* 22, 483–491. <http://onlinelibrary.wiley.com/doi/10.1111/j.1600-0668.2012.00783.x/abstract>
- Wallace, L., 2000. Real-time monitoring of particles, PAH, and CO in an occupied townhouse. *Applied Occupational and Environmental Hygiene* 15, 39–47. [www.tandfonline.com/doi/abs/10.1080/104732200301836#.UngypxDJZ8E](http://www.tandfonline.com/doi/abs/10.1080/104732200301836#.UngypxDJZ8E)
- Wallace, L., 2006. Indoor sources of ultrafine and accumulation mode particles: number concentrations and size distributions. *Aerosol Science and Technology* 40, 348–360. [www.tandfonline.com/doi/abs/10.1080/02786820600612250](http://www.tandfonline.com/doi/abs/10.1080/02786820600612250)
- Wallace, L., Ott, W., 2011. Personal exposure to ultrafine particles. *Journal of Exposure Science Environmental Epidemiology* 21, 20–30. [www.nature.com/jes/journal/v21/n1/full/jes200959a.html](http://www.nature.com/jes/journal/v21/n1/full/jes200959a.html)
- Wallace, L., Wang, F., Howard-Reed, C., Persily, A., 2008. Contribution of gas and electric stoves to residential ultrafine particle concentrations between 2 and 64 nm: size distributions and emission and coagulation remission and coagulation rates. *Environ. Sci. Technol.* 42, 8641–8647. <http://pubs.acs.org/doi/abs/10.1021/es801402v>

Wallace, L.A., Emmerich, S.J., Howard-Reed, C., 2004. Source strengths of ultrafine and fine particles due to cooking with a gas stove. *Environmental Science & Technology* 38, 2304–2311. <http://pubs.acs.org/doi/abs/10.1021/es0306260>

## International Studies

- Abdullahi, K.L., Delgado-Saborit, J.M., Harrison, R.M., 2013. Emissions and indoor concentrations of particulate matter and its specific chemical components from cooking: A review. *Atmospheric Environment* 71, 260–294.  
[www.sciencedirect.com/science/article/pii/S1352231013000861](http://www.sciencedirect.com/science/article/pii/S1352231013000861)
- Bordado, J.C., Gomes, J.F., Albuquerque, P.C., 2012. Exposure to airborne ultrafine particles from cooking in Portuguese homes. *Journal of the Air & Waste Management Association* 62, 1116–1126.  
[www.tandfonline.com/doi/full/10.1080/10962247.2012.699443#.UnfwPRDJZ8E](http://www.tandfonline.com/doi/full/10.1080/10962247.2012.699443#.UnfwPRDJZ8E)
- Buonanno, G., Johnson, G., Morawska, L., Stabile, L., 2011. Volatility characterization of cooking-generated aerosol particles. *Aerosol Science and Technology* 45, 1069–1077.  
[www.tandfonline.com/doi/abs/10.1080/02786826.2011.580797](http://www.tandfonline.com/doi/abs/10.1080/02786826.2011.580797)
- Buonanno, G., Morawska, L., Stabile, L., 2009. Particle emission factors during cooking activities. *Atmospheric Environment* 43, 3235–3242.  
[www.sciencedirect.com/science/article/pii/S1352231009002775](http://www.sciencedirect.com/science/article/pii/S1352231009002775)
- Chiang, T.-A., Wu, P.-F., Ko, Y.-C., 1999. Identification of carcinogens in cooking oil fumes. *Environmental Research* 81, 18–22.  
[www.sciencedirect.com/science/article/pii/S0013935198938762](http://www.sciencedirect.com/science/article/pii/S0013935198938762)
- Dennekamp, M., Howarth, S., Dick, C. a. J., Cherrie, J.W., Donaldson, K., Seaton, A., 2001. Ultrafine particles and nitrogen oxides generated by gas and electric cooking. *Occup Environ Med* 58, 511–516. <http://oem.bmj.com/content/58/8/511.full.pdf>
- Evans, G.J., Peers, A., Sabaliauskas, K., 2008. Particle dose estimation from frying in residential settings. *Indoor Air* 18, 499–510.  
<http://onlinelibrary.wiley.com/doi/10.1111/j.1600-0668.2008.00551.x/abstract;jsessionid=E756E5352B5C9A966705B6E564B6138D.f01t02>
- Gao, J., Cao, C., Zhang, X., Luo, Z., 2013. Volume-based size distribution of accumulation and coarse particles (PM<sub>0.1–10</sub>) from cooking fume during oil heating. *Building and Environment* 59, 575–580.  
[www.sciencedirect.com/science/article/pii/S0360132312002740](http://www.sciencedirect.com/science/article/pii/S0360132312002740)
- He, C., Morawska, L., Hitchins, J., Gilbert, D., 2004. Contribution from indoor sources to particle number and mass concentrations in residential houses. *Atmospheric Environment* 38, 3405–3415.  
[www.sciencedirect.com/science/article/pii/S135223100400250X](http://www.sciencedirect.com/science/article/pii/S135223100400250X)
- Hölscher, B., Heinrich, J., Jacob, B., Ritz, B., Wichmann, H.-E., Hölscher, B., 2000. Gas cooking, respiratory health and white blood cell counts in children. *International Journal of Hygiene and Environmental Health* 203, 29–37.  
[www.sciencedirect.com/science/article/pii/S143846390470005X](http://www.sciencedirect.com/science/article/pii/S143846390470005X)
- Huboyo, H.S., Tohno, S., Cao, R., 2011. Indoor PM 2.5 characteristics and CO concentration related to water-based and oil-based cooking emissions using a gas stove. *Aerosol and Air Quality Research* 11, 401–411.  
[www.aagr.org/Doi.php?id=8\\_AAQR-11-02-OA-0016](http://www.aagr.org/Doi.php?id=8_AAQR-11-02-OA-0016)

- Kabir, E., Kim, K.-H., 2011. An investigation on hazardous and odorous pollutant emission during cooking activities. *Journal of Hazardous Materials* 188, 443–454.  
[www.sciencedirect.com/science/article/pii/S0304389411001622](http://www.sciencedirect.com/science/article/pii/S0304389411001622)
- Katragadda, H.R., Fullana, A., Sidhu, S., Carbonell-Barrachina, Á.A., 2010. Emissions of volatile aldehydes from heated cooking oils. *Food Chemistry* 120, 59–65.  
[www.sciencedirect.com/science/article/pii/S0308814609011303](http://www.sciencedirect.com/science/article/pii/S0308814609011303)
- Kim, K.-H., Pandey, S.K., Kabir, E., Susaya, J., Brown, R.J.C., 2011. The modern paradox of unregulated cooking activities and indoor air quality. *Journal of Hazardous Materials* 195, 1–10. [www.sciencedirect.com/science/article/pii/S0304389411010429](http://www.sciencedirect.com/science/article/pii/S0304389411010429)
- Lai, A.C.K., Ho, Y.W., 2008. Spatial concentration variation of cooking-emitted particles in a residential kitchen. *Building and Environment* 43, 871–876.  
[www.sciencedirect.com/science/article/pii/S0360132307000339](http://www.sciencedirect.com/science/article/pii/S0360132307000339)
- Moshhammer, H., Hutter, H.-P., Neuberger, M., 2006. Gas cooking and reduced lung function in school children. *Atmospheric Environment* 40, 3349–3354.  
[www.sciencedirect.com/science/article/pii/S1352231006001579](http://www.sciencedirect.com/science/article/pii/S1352231006001579)
- See, Siao Wei, Balasubramanian, R., 2006. Physical characteristics of ultrafine particles emitted from different gas cooking methods. *Aerosol and Air Quality Research* 6, 82–92.  
[http://aaqr.org/Doi.php?id=7\\_AAQR-06-03-OA-0007](http://aaqr.org/Doi.php?id=7_AAQR-06-03-OA-0007)
- See, S.W., Balasubramanian, R., 2008. Chemical characteristics of fine particles emitted from different gas cooking methods. *Atmospheric Environment* 42, 8852–8862.  
[www.sciencedirect.com/science/article/pii/S1352231008008388](http://www.sciencedirect.com/science/article/pii/S1352231008008388)
- Sjaastad, A.K., Svendsen, K., 2008. Exposure to mutagenic aldehydes and particulate matter during panfrying of beefsteak with margarine, rapeseed oil, olive oil or soybean oil. *Ann Occup Hyg* 52, 739–745. <http://annhyg.oxfordjournals.org/content/52/8/739.long>
- Sjaastad, A.K., Svendsen, K., 2010. Different types and settings of kitchen canopy hoods and particulate exposure conditions during pan-frying of beefsteak. *Indoor and Built Environment* 19, 267–274. <http://ibe.sagepub.com/content/19/2/267.short>
- To, W.M., Yeung, L.L., 2011. Effect of fuels on cooking fume emissions. *Indoor and Built Environment* 20, 555–563. <http://ibe.sagepub.com/content/20/5/555.abstract>
- Tseng, L.-C., Chen, C.-C., 2013. Effect of flow characteristics on ultrafine particle emissions from range hoods. *Ann Occup Hyg* 57, 920–933.  
[www.ncbi.nlm.nih.gov/pubmed/23479025](http://www.ncbi.nlm.nih.gov/pubmed/23479025)
- Wan, M.-P., Wu, C.-L., Sze To, G.-N., Chan, T.-C., Chao, C.Y.H., 2011. Ultrafine particles, and PM<sub>2.5</sub> generated from cooking in homes. *Atmospheric Environment* 45, 6141–6148. [www.sciencedirect.com/science/article/pii/S1352231011008600](http://www.sciencedirect.com/science/article/pii/S1352231011008600)
- Willers, S.M., Brunekreef, B., Oldenwening, M., Smit, H.A., Kerkhof, M., De Vries, H., 2006. Gas cooking, kitchen ventilation, and exposure to combustion products. *Indoor Air* 16, 65–73. <http://onlinelibrary.wiley.com/doi/10.1111/j.1600-0668.2005.00404.x/abstract;jsessionid=03AB3E8539021F9F65C8A1850457C0E1.f01t03>
- Wong, T.W., Yu, T.S., Liu, H.J., Wong, A.H.S., 2004. Household gas cooking: a risk factor for respiratory illnesses in preschool children. *Arch Dis Child* 89, 631–636.  
<http://adc.bmj.com/content/89/7/631.long>
- Zhu, L., Wang, J., 2003. Sources and patterns of polycyclic aromatic hydrocarbons pollution in kitchen air, China. *Chemosphere* 50, 611–618.  
[www.sciencedirect.com/science/article/pii/S0045653502006689](http://www.sciencedirect.com/science/article/pii/S0045653502006689)