



2018

Ventilation: Bibliography



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5/23/2018

Ventilation

Research Bibliography

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This bibliography begins with a section on tobacco industry efforts to promote and/or influence ventilation standards and systems as a solution.

The second part of the bibliography contains studies relating to ventilation systems, etc.

Tobacco Industry Influence

Drope, J.; Bialous, S.A.; Glantz, S.A., "[Tobacco industry efforts to present ventilation as an alternative to smoke-free environments in North America](#)," *Tobacco Control* 13(Suppl 1): i41-i47, March 2004.

Neilsen, K.; Glantz, S.A., "[A tobacco industry study of airline cabin air quality: dropping inconvenient findings](#)," *Tobacco Control* 13(Suppl. 1): i20-i29, March 2004.

Aguinaga Bialous, S.; Glantz, S.A., "[ASHRAE Standard 62: tobacco industry's influence over national ventilation standards](#)," *Tobacco Control* 11(4): 315-328, December 2002.

Barnes, D.E.; Bero, L.A., "[Industry-funded research and conflict of interest: an analysis of research sponsored by the tobacco industry through the Center for Indoor Air Research](#)," *Journal of Health Politics, Policy and Law* 21(3): 515-542, Fall, 1996.

Drope, J.; Chapman, S., "[Tobacco industry efforts at discrediting scientific knowledge of environmental tobacco smoke: a review of internal industry documents](#)," *Journal of Epidemiology & Community Health* 55: 588-594, 2001.

Dearlove, J.V.; Bialous, S.A.; Glantz, S.A., "[Tobacco industry manipulation of the hospitality industry to maintain smoking in public places](#)," *Tobacco Control* 11: 94-104, 2002.

Ventilation Research

Barn, P.; Gombojav, E.; Ochir, C.; Laagan, B.; Beejin, B.; Naidan, G.; Boldbaatar, B.; Galsuren, J.; Byambaa, T.; Janes, C.; Janssen, P.A.; Lanphear, B.P.; Takaro, T.K.; Venners, S.A.; Webster, G.M.; Yuchi, W.; Palmer, C.D.; Parsons, P.J.; Roh, Y.M.; Allen, R.W., "[The effect of portable HEPA filter air cleaners on indoor PM_{2.5} concentrations and second hand tobacco smoke exposure among pregnant women in Ulaanbaatar, Mongolia: the UGAAR randomized controlled trial](#)," *Science of the Total Environment* 615: 1379-1389, February 2018.

Li, L.; Ho, S.S.H.; Chow, J.C.; Watson, J.G.; Lee, F.S.C.; Cui, L.; Gao, Y.; Dai, W.; Ho, K.F.; Huang, Y.; Cao, J., "[Characterization and health risk assessment of PM_{2.5}-bound organics inside and outside of Chinese smoking lounges](#)," *Chemosphere* 186: 438-445, November 2017.

Bohac, D.L.; Waldhart, E.; Zhou, Z.; Hewett, M., "[Personal vehicle secondhand smoke exposure for various ventilation modes](#)," *Tobacco Regulatory Science* 3(4): 492-503, October 2017.

Kim, H.; Lee, K.; An, J.; Won, S., "[Determination of secondhand smoke leakage from the smoking room of an internet café](#)," *Journal of the Air and Waste Management Association* [Epub ahead of print], June 13, 2017.

Muthumalage, T.; Pritsos, K.; Hunter, K.; Pritsos, C., "[Commonly used air filters fail to eliminate secondhand smoke induced oxidative stress and inflammatory responses](#)," *Toxicology Mechanisms and Methods* [Epub ahead of print], April 16, 2017.

Chan, W.; Lee, S.C.; Li, D.; Chen, X.K., "[Cigarette induced PM2.5 in hotel rooms: an assessment of the effectiveness of management's mitigating measures](#)," *International Journal of Hospitality Management* 60: 42-47, January 2017.

Zhou, Z.; Bohac, D.; Boyle, R.G., "[Continuous weeklong measurements of indoor particle levels in a Minnesota tribal casino resort](#)," *BMC Public Health* 16(1): 870, August 24, 2016.

Fu, M.; Fernández, E.; Martínez-Sánchez, J.M.; San Emeterio, N.; Quirós, N.; Sureda, X.; Ballbè, M.; Muñoz, G.; Riccobene, A.; Centrich, F.; Saltó, E.; López, M.J., "[Second-hand smoke exposure in indoor and outdoor areas of cafés and restaurants: need for extending smoking regulation outdoors?](#)," *Environmental Research* 148: 421-428, July 2016.

Pritsos, C.A.; Muthumalage, T., "[The impact of commonly used air filters in eliminating the exposure to secondhand smoke constituents](#)," *Environmental Science Process Impacts* [Epub ahead of print], January 14, 2015.

Centers for Disease Control and Prevention, "[Indoor air quality at nine large-hub airports with and without designated smoking](#)

[areas – United State, October-November 2012](#)," *Morbidity and Mortality Weekly Report* 61(46): 948-951, November 23, 2012.

Barrientos-Gutierrez, T.; Amick III, B.; Gimeno, D.; Reynales-Shigematsu, L.M.; Delclos, G.L.; Harrist, R.B.; Kelder, S.H.; Lazcano-Ponce, E.; Hernandez-Ávila, M., "[Mechanical systems versus smoking bans for secondhand smoke control](#)," *Nicotine and Tobacco Research* 14(3): 282-289, March 2012.

McNabola, A.; Eyre, G.J.; Gill, L.W., "[Environmental tobacco smoke in designated smoking areas in the hospitality industry: exposure measurements, exposure modelling and policy assessment](#)," *Environment International* [Epub ahead of print], February 22, 2012.

Jones, M.R.; Wipfli, H.; Shahrir, S.; Avila-Tang, E.; Samet, J.M.; Breysse, P.N.; Navas-Acien, A., "[Secondhand tobacco smoke: an occupational hazard for smoking and non-smoking bar and nightclub employees](#)," *Tobacco Control* [Epub ahead of print], January 24, 2012.

Semple, S.; Apsley, A.; Galea, K.S.; Friel, B.; Snelgrove, V.; MacCalman, L., "[Secondhand smoke in cars: assessing children's potential exposure during typical journey conditions](#)," *Tobacco Control* [Epub ahead of print], January 17, 2012.


Marin, H.A.; Diaz-Toro, E.C., "[Reduced exposure to secondhand smoke at casinos in Puerto Rico after the Implementation of a workplace smoking ban in 2007: a pre-post design](#)," *Puerto Rico Health Science Journal* 30(4): 182-187, December 2011.


Nafees, A.A.; Taj, T.; Kadir, M.M.; Fatmi, Z.; Lee, K.; Sathiakumar, N., "[Indoor air pollution \(PM2.5\) due to secondhand smoke in selected hospitality and entertainment venues of](#)

[Karachi, Pakistan](#)," *Tobacco Control* [Epub ahead of print], June 15, 2011.

Gleich, F.; Mons, U.; Pötschke-Langer, M., "[Air contamination due to smoking in German restaurants, bars, and other venues: before and after the implementation of a partial smoking ban](#)," *Nicotine & Tobacco Research* [Epub ahead of print], May 26, 2011.

Kaufman, P.; Zhang, B.; Bondy, S.J.; Klepeis, N.; Ferrence, R., "[Not just 'a few wisps': real-time measurement of tobacco smoke at entrances to office buildings](#)," *Tobacco Control* 20(3): 212-218, May 2011.


 Hahn, E.J.; Lee, K.; Jones Cole, L.K.; Whitten, L.; Robertson, H.E.; Sidney, H., "[Indoor air quality in Jessamine County, Kentucky public venues, 2009](#)," *University of Kentucky, College of Nursing, Clean Indoor Air Partnership*, March 4, 2011.


 Issa, J.S.; Abe, T.M.O.; Pereira, A.C.; Megid, M.C.; Shimabukuro, C.E.; Valentin, L.S.O.; da C Ferreira, M.M.; Nobre, M.R.C.; Lancarotte, I.; Barretto, A.C.P., "[The effect of Sao Paulo's smoke-free legislation on carbon monoxide concentration in hospitality venues and their workers](#)," *Tobacco Control* 20(2): 156-162, March 2011.


Agbenyikey, W.; Wellington, E.; Gyapong, J.; Travers, M.J.; Breyse, P.N.; McCarty, K.M.; Navas-Acien, A., "[Secondhand tobacco smoke exposure in selected public places \(PM2.5 and air nicotine\) and non-smoking employees \(hair nicotine\) in Ghana](#)," *Tobacco Control* 20(2): 107-111, March 2011.

Schoj, V.; Sebrie, E.M.; Pizarro, M.E.; Hyland, A.; Travers, M.J., "[Informing effective smokefree policies in Argentina: air quality](#)

[monitoring study in 15 cities \(2007-2009\)](#)," *Salud Publica de Mexico* 52(Suppl. 2): S157-S167, 2010.

 Bohac, D.L.; Hewett, M.J.; Kapphahn, K.I.; Grimsrud, D.T.; Apte, M.G.; Gundel, L.A., "[Change in indoor particle levels after a smoking ban in Minnesota bars and restaurants](#)," *American Journal of Preventive Medicine* 39(6S1): S3–S9, December 2010.

 Marin, H.A.; Diaz-Toro, E., "[The effect of the smoke-free workplace policy in the exposure to secondhand smoke in restaurants, pubs, and discos in San Juan, Puerto Rico](#)," *Puerto Rico Health Sciences Journal* 29(3): 279-285, September 2010.

 Erazo, M.; Iglesias, V.; Droppelmann, A.; Acuna, M.; Peruga, A.; Breyse, P.N.; Navas-Acien, A., "[Secondhand tobacco smoke in bars and restaurants in Santiago, Chile: evaluation of partial smoking ban legislation in public places](#)," *Tobacco Control* [Epub ahead of print], August 25, 2010.

Liu, S.; Zhu, Y., "[A case study of exposure to ultrafine particles from secondhand tobacco smoke in an automobile](#)," *Indoor Air* [Epub ahead of print], May 11, 2010.

Lee, K.; Hahn, E.J.; Robertson, H.E.; Whitten, L.; Jones, L.K.; Zahn, B., "[Air quality in and around airport enclosed smoking rooms](#)," *Nicotine and Tobacco Research* [Epub ahead of print], April 21, 2010.

York, N.L.; Lee, K., "[A baseline evaluation of casino air quality after enactment of Nevada's Clean Indoor Air Act](#)," *Public Health Nursing* 27(2): 158-163, March-April, 2010.

Hall, J.C.; Bernert, J.T.; Hall, D.B.; St Helen, G.; Kudon, L.H.; Naeher, L.P., "[Assessment of exposure to secondhand smoke at outdoor bars and family restaurants in Athens, Georgia, using salivary cotinine](#)," *Journal of Occupational and Environmental Hygiene* 6(11): 698-704, November 2009.

Cameron, M.; Brennan, E.; Durkin, S.J.; Borland, R.; Travers, M.J.; Hyland, A.; Spittal, M.J.; Wakefield, M.A., "[Secondhand smoke exposure \(PM2.5\) in outdoor dining areas and its correlates](#)," *Tobacco Control* [Epub ahead of print], October 21, 2009.



Travers, M.J., [Indianapolis Air Quality Monitoring Study](#)
Roswell Park Cancer Institute, October 2009


Connolly, G.N.; Carpenter, C.M.; Travers, M.; Cummings, K. Michael; Hyland, A.; Mulcahy, M.; Clancy, L., "[How smoke-free laws improve air quality: a global study of Irish pubs](#)," *Nicotine and Tobacco Research* 11(6): 600-605, June 2009.




Ahrens, D.M., "[Indoor air quality in eating and drinking establishments in the City of Milwaukee](#)," Milwaukee, WI: Smokefree Milwaukee Project; University of Wisconsin, Paul P. Carbone Comprehensive Cancer Center, January 2009.


Hahn, E.J., Lee, K., Robertson, H.E., Vogel, S., Lee, S.; "Indoor air quality in Bowling Green, Kentucky hospitality venues, 2008," *University of Kentucky, College of Nursing*, October 15, 2008. **Abstract unavailable.**

Vainiotalo, S.; Vaananen, V.; Vaaranrinta, R., "[Measurement of 16 volatile organic compounds in restaurant air contaminated with environmental tobacco smoke](#)," *Environmental Research* [Epub ahead of print], September 16, 2008.

 Dales, R.; Liu, L.; Wheeler, A.J.; Gilbert, N.L., "[Quality of indoor residential air and health](#)," *CMAJ* 179(2): 147-152, July 15, 2008.

 [n.a.], "[Changes in Air Pollution in Charleston County: pre/post smoking ordinance, executive summary](#)," [Medical University of South Carolina Hollings Cancer Center (HCC)], July 2008.

Gotz, N.K.; van Tongeren, M.; Wareing, H.; Wallace, L.M.; Semple, S.; MacCalman, L., "[Changes in air quality and second-hand smoke exposure in hospitality sector businesses after introduction of the English Smoke-free legislation](#)," *Journal of Public Health* [Epub ahead of print], July 23, 2008.


 Hahn, E.J.; Lee, K.; Vogel, S.; Robertson, H.E.; Lee, S., "[Indoor air quality in bingo halls, Lexington, Kentucky, 2008](#)," University of Kentucky, College of Nursing, July 10, 2008.

Pobutsky, A.; Krupitsky, D.; Kanja, M.L.; Lipsher, J., "[Hawai'i air quality monitoring assessment: some effects of Hawai'i's smoke-free work and public places law](#)," *Hawaii Medical Journal* 67(6): 149-155, June 2008.

Gorini, G.; Moshammer, H.; Sbrogio, L.; Gasparrini, A.; Nebot, M.; Neuberger, M.; Tamang, E.; Lopez, M.J.; Galeone, D.; Serrahima, E., "[Italy and Austria before and after study: second-hand smoke exposure in hospitality premises before and after 2 years from the introduction of the Italian smoking ban](#)," *Indoor Air* [Epub Ahead of Print], April 21, 2008.

Proescholdbell, S.K.; Foley, K.L.; Johnson, J.; Malek, S.H., "[Indoor air quality in prisons before and after implementation of a smoking ban law](#)," *Tobacco Control* 17(2): 123-127, April 1, 2008.


Carter, C.L.; Carpenter, M.J.; Higbee, C.; Travers, M.; Hyland, A.; Bode, A.; Thacker, S.; Alberg, A., "Fine particulate air pollution in restaurants and bars according to smoking policy in Charleston, South Carolina," *Journal of the South Carolina Medical Association* 104(4): 82-85, April 2008. **Abstract Unavailable**


 University of Wisconsin Population Health Institute; Paul P. Carbone Comprehensive Cancer Center, University of Wisconsin-Madison, "[Analysis of indoor air quality in restaurants and bars in Eau Claire County](#)," *Tobacco Free Partnership of Eau Claire County*, March 20, 2008.

Hyland, A.; Travers, M.J.; Dresler, C.; Higbee, C.; Cummings, K.M., "[A 32-country comparison of tobacco smoke derived particle levels in indoor public places](#)," *Tobacco Control* [Epub ahead of print], February 26, 2008.

Hahn, E.J.; Lee, K.; Robertson, H.; Vogel, S.; Lee, S.; Peiper, N.C.; Powell, R.W.; Troutman, A., "[Indoor air quality in Louisville: did passage of a comprehensive smoke-free ordinance clear the air?](#)," *University of Kentucky, College of Nursing and College of Public Health*, February 19, 2008.

Travers, M.J., "Iowa air monitoring study: December 2007 to January 2008," Roswell Park Cancer Institute, February 2008. **Abstract Unavailable**

 Tobacco Program Evaluation Group (TPEG), University of Colorado Denver, "[Smoking pollution in gaming venues before and after the Colorado Clean Indoor Air Act](#)," Colorado Department of Public Health and Environment, State Tobacco Education & Prevention Partnership (STEPP), January 2008.

 Vardavas, C.I.; Kondilis, B.; Travers, M.J.; Petsetaki, E.; Tountas, Y.; Kafatos, A.G., "[Environmental tobacco smoke in hospitality venues in Greece](#)," *BMC Public Health* [Epub ahead of print], October 23, 2007.

Valente, P.; Forastiere, F.; Bacosi, A.; Cattani, G.; Di Carlo, S.; Ferri, M.; Figa-Talamanca, I.; Marconi, A.; Paoletti, L.; Perucci, C.; Zuccaro, P., "[Exposure to fine and ultrafine particles from secondhand smoke in public places before and after the smoking ban, Italy 2005](#)," *Tobacco Control* 16(5): 312-317, October 2007.

Lee, K.; Hahn, E.J.; Riker, C.; Seithers, P., "[Immediate impact of smoke-free laws on indoor air quality](#)," *Southern Medical Journal* 100(9): 885-889, September 2007.

 Travers, M.J., "[Casino air monitoring study East Saint Louis, Illinois](#)," Roswell Park Cancer Institute, Department of Health Behavior, September 2007.

Higbee, C.; Travers, M.J.; Hyland, A., "New Mexico air monitoring study: June-August 2007," Roswell Park Cancer Institute, Department of Health Behavior, August 2007.

Abstract Unavailable

Lee, K.; Hahn, E.J.; Riker, C.A.; Hoehne, A.; White, A.; Greenwell, D.; Thompson, D., "[Secondhand smoke exposure in a rural high school](#)," *Journal of School Nursing* 23(4): 222-228, August 2007.


Ott, W.; Klepeis, N.; Switzer, P., "[Air change rates of motor vehicles and in-vehicle pollutant concentrations from secondhand smoke](#)," *Journal of Exposure Science and Environmental Epidemiology* [Epub ahead of print], July 18, 2007.

Travers, M.J.; Higbee, C.; Hyland, A., "Fort Wayne Air Monitoring Study May-June 2007," Roswell Park Cancer Institute, Department of Health Behavior, July 2007.


Abstract unavailable.


Bolte, G.; Heitmann, D.; Kiranoglu, M.; Schierl, R.; Diemer, J.; Koerner, W.; Fromme, H., "[Exposure to environmental tobacco smoke in German restaurants, pubs and discotheques](#)," *Journal of Exposure Science and Environmental Epidemiology* [Epub ahead of print], June 13, 2007.

 Wilson, N.; Edwards, R.; Maher, A.; Nathe, J.; Jalali, R., "[National smokefree law in New Zealand improves air quality inside bars, pubs and restaurants](#)," *BMC Public Health* 7(1): 85, May 18, 2007.

 Klepeis, N.E.; Ott, W.R.; Switzer, P., "[Real-time measurement of outdoor tobacco smoke particles](#)," *Journal of the Air & Waste Management Association* 57: 522-534, 2007.

Milz, S.; Akbar-Khanzadeh, F.; Ames, A.; Spino, S.; Tex, C.; Lanza, K., "[Indoor air quality in restaurants with and without designated smoking rooms: abstract](#)," *Journal of Occupational and Environmental Hygiene* 4(4): 246-252, April 2007.

 Repace, J.L.; Johnson, K.C., "[Can displacement ventilation control secondhand ETS?](#)" *AHSRAE IAQ Applications* 7(4): 1, Fall 2006.

 Repace, J.L.; Hyde, J.N.; Brugge, D., "[Air pollution in Boston bars before and after a smoking ban](#)," *BMC Public Health* 6: 266, October 27, 2006.

Repace, J.; Hughes, E.; Benowitz, N., "[Exposure to second-hand smoke air pollution assessed from bar patrons' urinary cotinine](#)," *Nicotine & Tobacco Research* 8(5): 701-711, October 2006.

Johnsson, T.; Tuomi, T.; Riuttala, H.; Hyvarinen, M.; Rothberg, M.; Reijula, K., "[Environmental tobacco smoke in Finnish restaurants and bars before and after smoking restrictions were introduced](#)," *Annals of Occupational Hygiene* 50(4): 331-341, 2006.

Hyland, A.; Travers, M.J.; Higbee, C.; Cummings, K.M.; Dresler, C.; Carpenter, C.; Connelly, G., "A 20-country comparison of levels of indoor air pollution in different workplaces," *Roswell Park Cancer Institute, Department of Health Behavior International Agency for Research on Cancer (IARC) Harvard School of Public Health, Division of Public Health Practice*, July 2006. **Abstract Unavailable**

Waring, M.S.; Siegel, J.A., "[An evaluation of the indoor air quality in bars before and after a smoking ban in Austin, Texas](#)," *Journal of Exposure Science and Environmental Epidemiology*, doi:10.1038/sj.jes.7500513 [epub ahead of print], June 28, 2006.


Travers, M.; Homer, M.; Hyland, A.; Sandefer, R., "[Wyoming air monitoring study: WYSAC Technical Report No. CHES-513](#)," University of Wyoming, Wyoming Survey & Analysis Center; Roswell Park Cancer Institute, August 2005.



Ellingsen, D.G.; Fladseth, G.; Daae, H.L.; Gjolstad, M.; Kjaerheim, K.; Skogstad, M.; Olsen, R.; Thorud, S.; Molander, P., "[Airborne exposure and biological monitoring of bar and](#)


[restaurant workers before and after the introduction of a smoking ban,](#) *Journal of Environmental Monitoring* 8(3): 362-368, 2006.


Laden, F.; Schwartz, J.; Speizer, F.E.; Dockery, D.W., "[Reduction in fine particulate air pollution and mortality: extended follow-up of the Harvard Six Cities study,](#)" *American Journal of Respiratory and Critical Care Medicine* 173: 667-672, March 15, 2006.

 Leavell, N.R.; Muggli, M.E.; Hurt, R.D.; Repace, J., "[Blowing smoke: British American Tobacco's air filtration scheme,](#)" *BMJ* 332: 227-229, January 2006.

 Repace, J., "[Air pollution in Virginia's hospitality industry,](#)" Bowie, MD: Repace Associates, January 9, 2006.


[n.a.], "[Indoor air quality in bars and restaurants before and after implementation of smoke-free ordinances in Hennepin and Ramsey Counties: technical summary,](#)" Minnesota Partnership for Action Against Tobacco (MPAAT), September 15, 2005.


 Repace, J., "[Displacement ventilation fails to control secondhand smoke: a 3 pub air quality study,](#)" Abstract accepted for publication, 15th Annual International Society for Exposure Analysis Conference October 30 - November 3, 2005 Tucson, Arizona.

 Repace, J., "[Controlling tobacco smoke pollution,](#)" *ASHRAE IAQ Applications* 6(3): 11-15, Summer 2005.


Schoen, L., "Dilution ventilation of tobacco smoke," *ASHRAE IAQ Applications* 6(3): 1-4, Summer 2005. **Abstract Unavailable**


Wakefield, M.; Cameron, M.; Inglis, G.; Letcher, T.; Durkin, S., "[Secondhand Smoke Exposure and Respiratory Symptoms Among Casino, Club, and Office Workers in Victoria, Australia](#)," *Journal of Occupational & Environmental Medicine*. 47(7):698-703, July 2005.


 Travers, M.; Hyland, A., "[Indiana Air Monitoring Study, December 2004 - January 2005](#)," Roswell Park Cancer Institute, April 2005.

 Hahn, E.; Lee, K.; Okoli, C.T.C.; Troutman, A.; Powell, R.W., "[Smoke-free laws and indoor air pollution in Lexington and Louisville](#)," *Louisville Medicine* 52(9): 391 , February 2005.

 Repace, J., "[Estimated Mortality from Secondhand Smoke Among Club, Pub, Tavern, and Bar Workers in New South Wales, Australia](#)," The Cancer Council New South Wales, April 2004.

 Travers, M.J.; Cummings, K.M.; Hyland, A.; Repace, J.; Babb, S.; Pechacek, T.; Caraballo, R., "[Indoor Air Quality in Hospitality Venues Before and After Implementation of a Clean Indoor Air Law --- Western New York, 2003](#)," *Morbidity and Mortality Weekly Report* 53(44): 1038-1041, November 12, 2004.

 Repace, J., "[Respirable particles and carcinogens in the air of Delaware hospitality venues before and after a smoking ban](#)," *Journal of Occupational & Environmental Medicine*. 46(9):887-905, September 2004.

 Hyland, A.; Travers, M.; Repace J., "[7 City Air Monitoring Study \(7CAM\), March-April 2004](#)," Roswell Park Cancer Institute, May 2004.

 Hyland, A.; Travers, M.; Repace J., "[Hartford Air Monitoring Study, March-April 2004](#)," *Roswell Park Cancer Institute*, May 2004.

 Glantz, S.A.; Schick, S., "[Implications of ASHRAE's Guidance On Ventilation for Smoking-Permitted Areas](#)," *ASHRAE Journal*, March 2004.

Environmental Protection Agency, "Indoor air facts no. 6: report to Congress on indoor air quality," Washington, DC: Environmental Protection Agency, [n.d.]. **Abstract Unavailable**

Cains, T.; Cannata, S.; Poulos, R.; Ferson, M.J.; Stewart, B.W., "[Designated "no smoking" areas provide from partial to no protection from environmental tobacco smoke](#)," *Tobacco Control* 13(1): 17-22, March 2004.

Repace, J., "[Flying the smoky skies: secondhand smoke exposure of flight attendants](#)," *Tobacco Control* 13(Suppl. 1): i8-i19, March 2004.

Pion, M.; Givel, M.S., "[Airport smoking rooms don't work](#)," *Tobacco Control* 13(Suppl 1): i37-i40, March 2004.


Cenko, C.; Pisaniello, D.; Esterman, A., "[A study of environmental tobacco smoke in South Australian pubs, clubs, and cafes](#)," *International Journal of Environmental Health Research* 14(1):3-11, February 2004.


Ott, W. R.; Klepeis, N.E.; Switzer, P., "[Analytical solutions to compartmental indoor air quality models with application to environmental tobacco smoke concentrations measured in a](#)

[house](#)," *Journal of the Air & Waste Management Association* 53: 918-936, August 2003.

Alevantis, L.; Wagner, J.; Fisk, W.; Sullivan, D.; Faulkner, D.; Gundel, L.; Waldman, J.; Flessel, P., "Designing for smoking rooms," *ASHRAE Journal* 45(7): 26, July 2003. **Abstract Unavailable**

Carrington, J.; Watson, A.F.R.; Gee, I.L., "The effects of smoking status and ventilation on environmental tobacco smoke concentrations in public areas of UK pubs and bars," *Atmospheric Environment* 37(23): 3255-3266, July 2003. **Abstract Unavailable**

 Repace, J., "[A killer on the loose: an Action on Smoking and Health special investigation into the threat of passive smoking to the U.K. workforce](#)," Action on Smoking and Health (ASH-UK) - <http://www.ash.org.uk>, April 9, 2003.


 Repace, J., "[An air quality survey of respirable particles and particulate carcinogens in Delaware hospitality venues before and after a smoking ban](#)," Bowie, MD: Repace Associates, Inc., February 7, 2003.

Repace, J., "An air quality survey of respirable particles and particulate carcinogens in Boston pubs before and after a smoking ban," Bowie, MD: Repace Associates, Inc., [2003]. **Abstract Unavailable**

Elovitz, K.M.; Gordon, D.; Cashman, D.J., "ETS in restaurants," *ASHRAE Journal*: 41-47, October 2002. **Abstract Unavailable**

Mendell, M.J.; Fisk, W.J.; Kreiss, K.; Levin, H.; Alexander, D.; Cain, W.S.; Girman, J.R.; Hines, C.J.; Jensen, P.A.; Milton, D.K.;

Rexroat, L.P.; Wallingford, K.M., "[Improving the health of workers in indoor environments: priority research needs for a national occupational research agenda](#)," *American Journal of Public Health* 92(9): 1430-1440, September 2002.


 Singer, B.C.; Hodgson, A.T.; Nazaroff, W.W., "[Effect of sorption on exposures to organic gases from environmental tobacco smoke \(ETS\)](#)," Proceedings: Indoor Air 2002, 2002.

Junker, M.H.; Danuser, B.; Monn, C.; Koller, T., "[Acute sensory responses of nonsmokers at very low environmental tobacco smoke concentrations in controlled laboratory settings](#)," *Environmental Health Perspectives* 109(10): 1045-1052, October 2001.

Georgiadis P.; Stoikidou M.; Topinka J.; Kaila S.; Gioka M.; Katsouyanni K.; Sram R.; Kyrtopoulos S.A., "[Personal exposures to PM\(2.5\) and polycyclic aromatic hydrocarbons and their relationship to environmental tobacco smoke at two locations in Greece](#)," *Journal of Exposure Analysis and Environmental Epidemiology* 11(3): 169-83, May-June 2001.

Ontario Tobacco Research Unit, "Protection from second-hand tobacco smoke in Ontario: a review of the evidence regarding best practices," Toronto, Ontario: University of Toronto, Ontario Tobacco Research Unit, May 2001. **Abstract Unavailable**

Bartholomew, A., "What you don't know about secondhand smoke: and why kids are especially vulnerable," Reader's Digest, November 20, 2000. **Abstract Unavailable**

 Repace, J., "[Can ventilation control secondhand smoke in the hospitality industry? An analysis of the document "Proceedings of the Workshop on Ventilation Engineering Controls for](#)

[Environmental Tobacco Smoke in the Hospitality Industry"](#), sponsored by the Federal Occupational Safety and Health Administration and the American Conference of Governmental Industrial Hygienists," Bowie, MD: Repace Associates, Inc., June 2000.

Spengler, J.D., "[Building operations and ETS exposure](#)," *Environmental Health Perspectives Supplements* 107(Supplement 2): 313-317, May 1999.

Walker, J.C.; Nelson, P.R.; Cain, W.S.; Utell, M.J.; Joyce, M.B.; Morgan, W.T.; Steichen, T.J.; Pritchard, W.S.; Stancill, M.W., "Perceptual and psychophysiological responses of non-smokers to a range of environmental tobacco smoke concentrations," *Indoor Air* 7: 173-188, 1997. **Abstract Unavailable**

Ott, W.; Switzer, P.; Robinson, J., "Particle concentrations inside a tavern before and after prohibition of smoking: evaluating the performance of an indoor air quality model," *Journal of the Air & Waste Management Association* 46(12): 1120-1134, December 1996.

Lambert, W.E.; Samet, J.M.; Spengler, J.D., "[Environmental tobacco smoke concentrations in no-smoking and smoking sections of restaurants](#)," *American Journal of Public Health* 83(9): 1339-1341, September 1993.

Lofroth, G., "[Environmental tobacco smoke: multicomponent analysis and room-to-room distribution in homes](#)," *Tobacco Control* 2: 222-225, 1993.

Environmental Protection Agency, "Report to Congress on indoor air quality volume II: assessment and control of indoor air

pollution," Washington, DC: Environmental Protection Agency, August 1989. [Abstract Unavailable](#)

Environmental Protection Agency, "Report to Congress on indoor air quality volume III: indoor air pollution research needs statement," Washington, DC: Environmental Protection Agency, August 1989. [Abstract Unavailable](#)

Committee on Airliner Cabin Air Quality, Board on Environmental Studies and Toxicology, Commission on Life Services, National Research Council, "The airliner cabin environment: air quality and safety," Washington, DC: National Academy Press, 1986. [Abstract Unavailable](#)

Repace, J.L.; Lowrey, A.H., "An indoor air quality standard for ambient tobacco smoke based on carcinogenic risk," New York State Journal of Medicine 85: 381-383, July 1985. [Abstract Unavailable](#)

Repace, J.L.; Lowrey, A.H., "Tobacco smoke, ventilation, and indoor air quality," ASHRAE Transactions 88: 895-914, 1982. [Abstract Unavailable](#)