

# Tobacco in Australia

## Facts & Issues

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### Relevant news and research

#### 3.19 Smoking and Accidents

*Last updated September 2019*

##### Research:

Igarashi, A, Aida, J, Sairenchi, T, Tsuboya, T, Sugiyama, K, Koyama, S, Matsuyama, Y, Sato, Y, Osaka, K, Ota, H. Does cigarette smoking increase traffic accident death during 20 years follow-up in Japan?: The Ibaraki Prefectural Health Study. J Epidemiol, 2018. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29848905>

Knapik, JJ, Bedno, SA. Epidemiological Evidence and Possible Mechanisms for the Association Between Cigarette Smoking and Injuries (Part 1). J Spec Oper Med. 2018 Spring;18(1):108-112. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29533444>

Rassouli, F, Schoch, OD. Tobacco smoking kills slowly, while smoking on oxygen is a burning issue. Respiration, 2016. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/26974657>

Dutra LM, Kim SS, Williams DR, Kawachi I, and Okechukwu CA. Worksite Safety Climate, Smoking, and the Use of Protective Equipment by Blue-Collar Building Workers Enrolled in the MassBUILT Smoking Cessation Trial. J Occup Environ Med, 2014; 56(10):1082-7. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/25285831>

##### *3.19.1 Smoking, motor vehicle crashes and other injuries*

Pederson, LL, Koval, J, Vingilis, E, Seeley, J, Ialomiteanu, AR, Wickens, CM et al. The relationship between motor vehicle collisions and cigarette smoking in Ontario: Analysis of CAMH survey data from 2002 to 2016. Prev Med Rep, 2019. 13, 327-331. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/30792948>

Choi, KC, Kim, SA, Kim, NR, & Shin, MH. Association between Smoking and Unintentional Injuries among Korean Adults. Chonnam Med J, 2018. 54(3), 184-189. Available from: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6165918/pdf/cmj-54-184.pdf>

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Brooks, RD, Grier, T, Dada, EO, Jones, BH. The Combined Effect of Cigarette Smoking and Fitness on Injury Risk in Men and Women. *Nicotine Tob Res*, Jul 2018. Available from:

<https://www.ncbi.nlm.nih.gov/pubmed/30053170>

Vingilis, E, Pederson, LL, Seeley, J, Ialomiteanu, AR, Wickens, CM, Ferrence, R, Mann, RE. Is there a link between motor vehicle collisions and being a cigarette smoker in Canada? Analysis of survey data from Ontario from 2002-2014. *Traffic Inj Prev*, 2017. Available from:

<https://www.ncbi.nlm.nih.gov/pubmed/29265880>

### *3.19.2 Burns and fires caused by tobacco use*

Rodgers, KM, Swetschinski, LR, Dodson, RE, Alpert, HR, Fleming, JM, & Rudel, RA. (2019). Health Toll From Open Flame and Cigarette-Started Fires on Flame-Retardant Furniture in Massachusetts, 2003-2016. *Am J Public Health*, e1-e7. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31318595>

Jones, VC, Kennedy, RD, Welding, K, Gielen, AC, & Frattaroli, S. The prevalence of fire and CO safety amenities in Airbnb venues that permit smoking - Findings from 17 countries. *Prev Med*, 2019. 123, 8-11. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/30802470>

Kegler, SR, Dellinger, AM, Ballesteros, MF, & Tsai, J. Decreasing residential fire death rates and the association with the prevalence of adult cigarette smoking - United States, 1999-2015. *J Safety Res*, 2018; 67, 197-201. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/30553424>

Al Kassis, S, Savetamal, A, Assi, R, Crombie, RE, Ali, R, Moores, C, Najjar, A, Hansen, T, Ku, T, Schulz, JT. Characteristics of patients with injury secondary to smoking on home oxygen therapy transferred intubated to a burn center. *J Am Coll Surg*. 2014 Jun;218(6):1182-6. Available from:

<http://www.ncbi.nlm.nih.gov/pubmed/24698489>

Butry, DT, Thomas, DS. Cigarette Fires Involving Upholstered Furniture in Residences: The Role that Smokers, Smoker Behavior, and Fire Standard Compliant Cigarettes Play. *Fire Technol*. 2017

May;53(3):1123-1146. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/28751788>

Coco Liu, J, Wilson, A, Mickley, LJ, Ebisu, K, Sulprizio, MP, Wang, Y, Peng, RD, Yue, X, Dominici, F, Bell, ML. Who among the elderly is most vulnerable to exposure and health risks of PM2.5 from wildfire smoke? *Am J Epidemiol*, 2017. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/28525551>

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Harel, S, Burkey, B, Nanassy, AD, Marcolongo, M, Phillips, E, Campbell, C, McColgan, MD. Flame time of a cigarette lighter to achieve temperature capable of inflicting a burn. Burns. 2017 Mar 6. pii: S0305-4179(17)30102-X. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/28279515>

Rappold, AG, Reyes, J, Pouliot, G, Cascio, WE, Diaz-Sanchez, D. Community Vulnerability to Health Impacts of Wildland Fire Smoke Exposure. Environ Sci Technol. 2017 Jun 20;51(12):6674-6682. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/28493694>

Black, C, Gerriets, JE, Fontaine, JH, Harper, RW, Kenyon, NJ, Tablin, F, Schelegle, ES, Miller, LA. Early Life Wildfire Smoke Exposure is Associated with Immune Dysregulation and Lung Function Decrements in Adolescence. Am J Respir Cell Mol Biol, 2017. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/28208028>

Levine, M, Spyres, M. Fire-Related Inhalation Injury. N Engl J Med. 2016 Nov 10;375(19):1905. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/27959662>

Raymond, LW. Fire-Related Inhalation Injury. N Engl J Med. 2016 Nov 10;375(19):1904. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/27959661>

Carlos, WG et al. Smoking-related home oxygen burn injuries: continued cause for alarm. Respiration, 2016; 91(2):151-5. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/26812246>

Assimakopoulos, EM et al. The National incidence and resource utilization of burn injuries sustained while smoking on home oxygen therapy. J Burn Care Res, 2016 Jan-Feb;37(1):25-31. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/26284642>

Galligan, CJ et al. A growing fire hazard concern in communities: home oxygen therapy and continued smoking habits. New solutions, 2015 Feb;24(4):535-54. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/25816169>

Gandolfi, S, Vaysse, C, Garrido, I, Joly-Fradin, N, Grolleau, JL, Chaput, B. Burn injury to a reconstructed breast via a cigarette causing implant exposure. The importance of the patient's education. Breast J, 2014 20(5), 543-544. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/24698489>

Goyal, MS, Pineda, JA. Smoke predicts fire, but should we fan the fire or put it out?\*. Pediatr Crit Care Med, 2014. 15(7), 673-674. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/25186323>

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### News reports:

No authors listed. Smoking causes a third of all deaths in fires at home. MK Web, 2015. Apr 13, 2015. Available from: <http://www.mkweb.co.uk/Smoking-causes-deaths-fires-home/story-26323446-detail/story.html>

No authors listed. SA smokers drive spike in house fires. Daily Mail, 2015. Mar 5, 2015. Available from: <http://www.mailonsunday.co.uk/wires/aap/article-2978597/SA-smokers-drive-spike-house-fires.html>

Donnelly, Laura. E-cigarettes linked to more than 100 fires. The Telegraph, 2014. Nov 3, 2014. Available from: <http://www.telegraph.co.uk/health/healthnews/11203884/E-cigarettes-linked-to-more-than-100-fires.html>

### *3.19.2 Burns and fires caused by tobacco use*

Powers, C, & Masse, A. Officials advising public to dispose of smoking materials properly after series of fires *Western Mass News*, 2019. Apr 8, 2019. Available from: [https://www.westernmassnews.com/news/officials-advising-public-to-dispose-of-smoking-materials-properly-after/article\\_7736d384-5a5a-11e9-b27f-f7870ff0b033.html](https://www.westernmassnews.com/news/officials-advising-public-to-dispose-of-smoking-materials-properly-after/article_7736d384-5a5a-11e9-b27f-f7870ff0b033.html)

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