

Tobacco in Australia

Facts & Issues

Relevant news and research

1.11 Prevalence of smoking among health professionals

Last updated April 2024

Research:

Costantino, C, Bonaccorso, N, Minutolo, G, Sciortino, M, Ripoli, G, Berardi, M et al. (2024). Prevalence of smoking habits, attitudes and knowledge on counteractive strategies among a sample of healthcare employees: results of the smoking-free health environments project in the province of Palermo, Italy. *Front Public Health*, 12, 1335937. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/38375336>

Laroussy, K, Castellano, Y, Fu, M, Baena, A, Feliu, A, Peruga, A et al (2023). Transitions in smoking status in nursing students: A prospective longitudinal study. *J Adv Nurs*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/36978253>

Zhao, B, Li, J, Zhang, L, Liu, J, Feng, D, Hao, X et al. (2022). Prevalence of smoking among nurses and its association with blood pressure: A cross-sectional study in 11 cities of China. *Int J Nurs Pract*, e13118. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/36461159>

Besson, A, Tarpin, A, Flaudias, V, Brousse, G, Laporte, C, Benson, A et al. (2021). Smoking Prevalence among Physicians: A Systematic Review and Meta-Analysis. *Int J Environ Res Public Health*, 18(24). Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/34948936>

Mounir, I, Menvielle, L, Perlaza, S, Chenevert, D, Planchar, JH, Fabre, R et al. (2021). Psychological Distress and Tobacco Use Among Hospital Workers During COVID-19. *Front Psychiatry*, 12, 701810. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/34393861>

Singh, I, Khurana, J, Patil, L, Jadhav, MS, Chawla, R, & Patil, PS. (2021). Assessment of Habits of Tobacco Use among Dental and Nondental Students of Indian Population: A Cross-sectional Study. *J Pharm Bioallied Sci*, 13(Suppl 1), S417-S420. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/34447123>

tobaccoinaustralia.org.au

Grolleau, E, Fonteille, V, Lebourgeois, C, Darrason, M, Michel, P, Ragonnet, D et al (2021). Tobacco use and related behaviors among staff and students in a university hospital: A large cross-sectional survey. *Tob Prev Cessat*, 7, 49. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/34268457>

Minardi, V, D'Argenio, P, Gallo, R, Possenti, V, Contoli, B, Carrozzi, G et al. (2021). Smoking prevalence among healthcare workers in Italy, PASSI surveillance system data, 2014-2018. *Ann Ist Super Sanita*, 57(2), 151-160. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/34132213>

Balogh, E, Wagner, Z, Faubl, N, Riemenschneider, H, Voigt, K, Terebessy, A et al(2021). Tobacco Smoking and Smokeless Tobacco Use among Domestic and International Medical Students in Hungary. *Subst Use Misuse*, 1-8. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/33557674>

Shrestha, N, Shrestha, N, Bhusal, S, Neupane, A, Pandey, R, Lohala, N et al. (2020). Prevalence of Smoking among Medical Students in a Tertiary Care Teaching Hospital. *JNMA J Nepal Med Assoc*, 58(226), 366-371. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/32788750>

Syed, IU. (2020). Clearing the Smoke Screen: Smoking, Alcohol Consumption, and Stress Management Techniques among Canadian Long-Term Care Workers. *Int J Environ Res Public Health*, 17(17). Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/32825001>

O'Sullivan, B, Scully, P, Curtin, RJ, & Plant, BJ. (2020). A study to assess smoking habits and smoking exposure in sportspeople. *QJM*. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/32502273>

Abou-ElWafa, HS, Zoromba, MA, & El-Gilany, AH. (2020). Cigarette smoking at workplace among resident physicians and nurses in Mansoura University Hospital. *Arch Environ Occup Health*, 1-8. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/32469291>

Fernandez-Garcia, D, Ordas, B, Fernandez-Pena, R, Barcena-Calvo, C, Ordonez, C, Amo-Setien, FJ et al (2020). Smoking in nursing students: A prevalence multicenter study. *Medicine (Baltimore)*, 99(14), e19414. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/32243361>

Shaikh, MA. (2020). Tobacco use prevalence rates in fourth year medical, dental, and pharmacy students. *J Pak Med Assoc*, 70(1), 192-193. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31954054>

Vorster, A, Gerber, AM, van der Merwe, LJ, & van Zyl, S. (2019). Second and third year medical students' self-reported alcohol and substance use, smoking habits and academic performance at a South African medical school. *Health SA*, 24, 1041. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31934400>

Zeng, LN, Zong, QQ, Zhang, JW, An, FR, Xiang, YF, Ng, CH et al. (2020). Prevalence of smoking in nursing students worldwide: A meta-analysis of observational studies. *Nurse Educ Today*, 84, 104205. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31734641>

LeBlanc, AG, Prince, SA, Reid, RD, Pipe, AL, Mullen, KA, & Reed, JL. (2019). Smoking behaviour among nurses in Ontario: cross-sectional results from the Champlain Nurses' Study. *Can J Public Health*. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31628589>

Provenzano, S, Santangelo, OE, Grigis, D, Giordano, D, & Firenze, A. (2019). Smoking behaviour among nursing students: attitudes toward smoking cessation. *J Prev Med Hyg*, 60(3), E203-E210. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31650055>

Peng, S, Yu, L, Yang, T, Wu, D, Bottorff, JL, Barnett, R, & Jiang, S. (2019). Susceptibility to smoking and determinants among medical students: A representative nationwide study in China. *Tob Induc Dis*, 17, 36. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31516479>

Nilan, K, McKeever, TM, McNeill, A, Raw, M, & Murray, RL. (2019). Prevalence of tobacco use in healthcare workers: A systematic review and meta-analysis. *PLoS One*, 14(7), e0220168. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31344083>

Ayoub, AC, & Sousa, MG. (2019). Prevalence of smoking in nursing professionals of a cardiovascular hospital. *Rev Bras Enferm*, 72(suppl 1), 173-180. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/30942360>

Niu, L, Liu, Y, Luo, D, Xiao, S. Current Smoking Behavior Among Medical Students in Mainland China: A Systematic Review and Meta-Analysis. *Asia Pac J Public Health*. 2018 Sep 26:1010539518800339. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/30256673>

Gardner, MN. Commentary on Jackler & Ayoub (2018): Doctor-targeted cigarette advertisements and conflicts of interest in historical context. *Addiction*. 2018 Jul;113(7):1364-1365. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29883032>

Balogh, E, Faubl, N, Riemenschneider, H, Balazs, P, Bergmann, A, Cseh, K, Horvath, F, Schelling, J, Terebessy, A, Wagner, Z, Voigt, K, Fuzesi, Z, Kiss, I. Cigarette, waterpipe and e-cigarette use among an international sample of medical students. Cross-sectional multicenter study in Germany and Hungary. *BMC Public Health*. 2018 May 3;18(1):591. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29724200>

Gulliver, SB, Zimering, R, Knight, J, Morissette, S, Kamholz, B, Meyer, E, Keane, T, Pennington, M, Denman, T, Carpenter, T, Kimbrel, N. Tobacco and alcohol use among firefighters during their first 3 years of service. *Psychol Addict Behav*. 2018 May;32(3):255-263. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29771556>

Fernandes, LS, Nitsche, MJT, Godoy, I. Association between burnout syndrome, harmful use of alcohol and smoking in nursing in the ICU of a university hospital. *Cien Saude Colet*. 2018 Jan;23(1):203-214. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29267824>

Jannat-Khah, DP, Reynolds, SA, Dill, LJ, Joseph, MA. A Comparison of Alternative Tobacco Product Usage, Knowledge and Beliefs Between the New York City Lesbian, Gay, Bisexual, and Transgendered Community and Heterosexuals. *J Community Health*, Mar 2017. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/28321648>

Hinds, JT, 3rd, Loukas, A, Perry, CL. Sexual and Gender Minority College Students and Tobacco Use in Texas. *Nicotine Tob Res*, 2017. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/28472411>

News reports: