

Tobacco in Australia

Facts & Issues

Relevant news and research

2.3 Self-reported measures of tobacco consumption

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Research:

Doran, N, Correa, JB, Myers, MG, & Tully, L. (2020). Associations Between Self-Reported and Biological Measures of Nicotine Consumption Among Young Adult Nondaily Cigarette Smokers. *Am J Addict*. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/32358904>

Tomko, RL, McClure, EA, Cato, PA, Wang, JB, Carpenter, MJ, Karelitz, JL. (2019). An electronic, smart lighter to measure cigarette smoking: A pilot study to assess feasibility and initial validity. *Addict Behav*, 98, 106052. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31415971>

Ramos-Garcia, RI, Sazonov, E, Tiffany, S. Recognizing cigarette smoke inhalations using hidden Markov models. *Conf Proc IEEE Eng Med Biol Soc*. 2017 Jul;2017:1242-1245. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29060101>

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Hughes, JR, Shiffman, S, Naud, S, Peters, EN. Day to day Variability in Self-Reported Cigarettes Per Day. *Nicotine Tob Res*, 2017. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/28339973>

van der Aalst, CM, de Koning, HJ. Biochemical verification of the self-reported smoking status of screened male smokers of the Dutch-Belgian randomized controlled lung cancer screening trial. *Lung Cancer*. 2016 Apr;94:96-101. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/26973213>

Dietz, NA et al. Identifying misclassification in youth self-reported smoking status: Testing different consent processes of biological sample collection to capture misclassification. *Drug and Alcohol Dependence*, 2015. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/25678440>

2.3.1 Self-reported consumption among adult smokers

Cabrales, JA, Richards, DK, & Cooper, TV. (2019). Heterogeneity of intermittent smokers in a Hispanic college student sample. *Addict Behav*, 96, 94-99. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31071603>

2.3.2 Self-reported consumption among school-aged smokers

Bover Manderski, MT, Delnevo, CD, & Warner, KE. (2021). Toward a More Comprehensive Index of Youth Cigarette Smoking: Average Number of Cigarettes Smoked per Day among Students in the United States over Two Decades. *Int J Environ Res Public Health*, 18(2). Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/33435523>

Hu, SS, Gentzke, A, Jamal, A, Homa, D, & Neff, L. (2020). Feasibility of Administering an Electronic Version of the National Youth Tobacco Survey in a Classroom Setting. *Prev Chronic Dis*, 17, E20. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/32105587>

Liber, AC, Warner, KE. Has Underreporting of Cigarette Consumption Changed Over Time? Estimates Derived from US National Health Surveillance Systems between 1965 and 2015. *Am J Epidemiol*, 2017. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/28595348>

2.3.3 Self-reported consumption by socioeconomic status

Hovanec, J, Weiss, T, Koch, HM, Pesch, B, Behrens, T, Kendzia, B et al. (2022). Smoking intensity and urinary nicotine metabolites by socioeconomic status in the Heinz Nixdorf Recall study. *BMC Public Health*, 22(1), 302. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/35164711>

2.3.4 Comparisons between levels of per capita tobacco consumption based on tax receipts and those based on self-report data

Jackson, SE, Beard, E, Kujawski, B, Sunyer, E, Michie, S, Shahab, L et al. (2019). Comparison of Trends in Self-reported Cigarette Consumption and Sales in England, 2011 to 2018. *JAMA Netw Open*, 2(8), e1910161. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31461148>

News reports:

No authors listed. Many young women taking up 'very light' smoking, study finds. Health Day News, 2015. July 16, 2015. Available from: <http://consumer.healthday.com/cancer-information-5/smoking-cessation-news-628/many-young-women-taking-up-very-light-smoking-study-find-701342.html>

Aubusson, Kate. Dramatic tobacco decline a drag on strong economy. The Sydney Morning Herald, 2015. June 4, 2015. Available from: <http://www.smh.com.au/business/dramatic-tobacco-decline-a-drag-on-strong-economy-20150604-ghgvp4.html>

No authors listed. Australian spending on tobacco goes up in smoke. June 5, 2015. London South East , 2015. Available from: <http://www.lse.co.uk/politicsNews.asp?code=w1jkgw0h>

No authors listed. Long-term smokers find plain-packaged cigarettes taste worse. The Nation, 2015. June 6, 2015. Available from: <http://nation.lk/online/2015/06/06/long-term-smokers-find-plain-packaged-cigarettes-taste-worse/>

No authors listed. Big Tobacco's smoke and mirrors won't work this time. The Nation , 2015. June 6, 2015. Available from: <http://nation.lk/online/2015/06/06/big-tobaccos-smoke-and-mirrors-wont-work-this-time/>

No authors listed. Plain packaging. What the research says. The Nation , 2015. June 6, 2015. Available from: <http://nation.lk/online/2015/06/06/plain-packaging-what-the-research-says/>

2.3.2 Self-reported consumption among current school-aged smokers

Alessio, Laura Milani. Study finds adolescent tobacco users commonly report light smoking EurekaAlert!, 2016. Apr 30, 2016. Available from: http://www.eurekaalert.org/pub_releases/2016-04/aaop-sfa042516.php