

Tobacco in Australia

Facts & Issues

Relevant news and research

9.4 The relationship between tobacco smoking and financial stress

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Research:

Baek, SU, Lee, YM, Won, JU, & Yoon, JH. (2024). Association of food insecurity with the use of tobacco products and urine cotinine-measured smoking intensity: evidence from a population-based study in South Korea, 2019-2021. *Tob Control*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/39455070>

Zheng, R, Meng, L, & He, A. (2024). Biological Sex Disparities in the Economic Burden of Tobacco Use: A Comparative Analysis between Men and Women in China. *Int J Environ Res Public Health*, 21(8). Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/39200591>

Gallego, JM, Paraje, G, & Rodriguez-Lesmes, P. (2024). Inequality of the crowding-out effect of tobacco expenditure in Colombia. *PLoS One*, 19(5), e0303328. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/38771837>

- Akay, A, & Caner, A. (2024). Relative income concerns and smoking behaviour: The role of unobserved heterogeneity. *PLoS One*, 19(3), e0295333. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/38483967>
- Bierut, L, Biroli, P, Galama, TJ, & Thom, K. (2023). Challenges in studying the interplay of genes and environment. A study of childhood financial distress moderating genetic predisposition for peak smoking. *J Econ Psychol*, 98. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/37484514>
- Zarei, K, Hamilton-Moseley, KR, Chen-Sanke, J, Phan, L, Ajith, A, Hacker, K et al. (2023). Financial hardship during the COVID-19 pandemic and increased receipt of commercial tobacco discount coupons among US adults who use commercial tobacco. *Tob Control*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/37339815>
- Carnazza, G, Liberati, P, & Resce, G. (2022). Income-related inequality in smoking habits: A comparative assessment in the European Union. *Health Policy*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/36503816>
- Potter, LN, Schlechter, CR, Nahum-Shani, I, Lam, CY, Cinciripini, PM, & Wetter, DW. (2022). Socioeconomic status moderates within-person associations of risk factors and smoking lapse in daily life. *Addiction*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/36564898>
- Kang, SY, & Cho, HJ. (2022). Association Between the Use of Tobacco Products and Food Insecurity Among South Korean Adults. *Int J Public Health*, 67, 1604866. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/36158781>
- Kim-Mozeleski, JE, Chagin, KM, Sehgal, AR, Misak, JE., & Fuehrer, S. M. (2022). Food insecurity, social needs, and smoking status among patients in a county hospital system. *Prev Med Rep*, 29, 101963. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/36161141>
- Jackson, SE, Cheeseman, H, Arnott, D, Titmarsh, R, & Brown, J. (2022). Smoking in social housing among adults in England, 2015-2020: a nationally representative survey. *BMJ Open*, 12(7), e061013. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/35882456>
- Kim-Mozeleski, JE, Shaw, SJ, Yen, IH, & Tsoh, JY. (2022). A Qualitative Investigation of the Experiences of Tobacco Use among U.S. Adults with Food Insecurity. *Int J Environ Res Public Health*, 19(12). Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/35742673>
- Mirzaei, O & Natcher, DC. (2022). Recreational tobacco consumption and food insecurity among First Nations in Canada. *Can J Public Health*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/35676556>
- Wahlenmayer, E, & Soni, A. (2022). Association between state unemployment rate and inpatient hospitalizations for tobacco use disorder. *Tob Prev Cessat*, 8, 21. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/35676556>
- Yang, H, Chen, B, Guo, A, Song, J, Cheng, X, & Jin, C. (2022). Association of Householder Smoking With Poverty and the Mediating Effect of NCDs in Relatively Underdeveloped Regions in China. *Front Public Health*, 10, 858761. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/35676556>

Djutaharta, T, Wiyono, NH, Monica, Y, Ahsan, A, Kusuma, D, & Amalia, N. (2022). Cigarette Consumption and Nutrient Intake in Indonesia: Study of Cigarette-Consuming Households. *Asian Pac J Cancer Prev*, 23(4), 1325-1330. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/35485692>

Kragelund, K, Tolstrup, JS, Lau, CJ, Christensen, AI, & Jorgensen, MB. (2022). Smoking and labour market participation: a 5-year prospective cohort study of transitions between work, unemployment and sickness absence. *Scand J Public Health*, 14034948221081289. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/35484856>

Jones, SM, & Heffner, JL. (2022). Financial anxiety: a potential new target to increase smoking cessation. *Future Oncol*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/35132901>

Vogel, EA, & Prochaska, JJ. (2022). Perceptions of cigarette smoking and weight in hypothetical hiring decisions. *Health Psychol*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/35007123>

Sheira, LA, Frongillo, EA, Hahn, J, Palar, K, Riley, ED, Wilson, TE et al. (2021). Relationship between food insecurity and smoking status among women living with and at risk for HIV in the USA: a cohort study. *BMJ Open*, 11(9), e054903. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/34489299>

Darden, ME, Hotchkiss, JL, & Melinda Pitts, M. (2021). The dynamics of the smoking wage penalty. *J Health Econ*, 79, 102485. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/34273853>

Heckman, CJ, Wackowski, OA, Mukherjee, R, Hatsukami, DK, Stepanov, I, Delnevo, CD, & Steinberg, MB. (2021). Cigarette Relighting: A Series of Pilot Studies Investigating a Common Yet Understudied Smoking Behavior. *Int J Environ Res Public Health*, 18(12). Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/34208528>

Wang, M, Svedberg, P, Narusyte, J, Silventoinen, K, & Ropponen, A. (2021). The role of familial confounding in the associations of physical activity, smoking and alcohol consumption with early exit from the labour market. *Prev Med*, 150, 106717. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/34242665>

Bjerregaard, P, Olesen, I, & Larsen, CVL. (2021). Association of food insecurity with dietary patterns and expenditure on food, alcohol and tobacco amongst indigenous Inuit in Greenland: results from a population health survey. *BMC Public Health*, 21(1), 1094. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/34098910>

Huang, C, Liu, F, & You, S. (2021). The impact of minimum wage increases on cigarette smoking. *Health Econ*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/34060694>

Sanjeevi, N, & Sachdev, PK. (2021). Household food insecurity and in-utero and early life smoke exposure: Data from NHANES 2003-2016. *Prev Med*, 150, 106710. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/34181942>

Dartanto, T, Moeis, FR, Can, CK, Ratih, SP, Nurhasana, R, Satriya, A, & Thabrany, H. (2021). Good intentions, unintended outcomes: Impact of social assistance on tobacco consumption in Indonesia. *Tobacco Induced Diseases*, 19, 29. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/33867906>

Khan, MSR, Putthinun, P, Watanapongvanich, S, Yuktadatta, P, Uddin, MA, & Kadoya, Y. (2021). Do Financial Literacy and Financial Education Influence Smoking Behavior in the United States?

International Journal of Environmental Research and Public Health, 18(5). Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/33806645>

Souza, LE, Rasella, D, Barros, R, Lisboa, E, Malta, D, & McKee, M. (2021). Smoking prevalence and economic crisis in Brazil. *Revista de Saúde Pública*, 55, 3. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/33825798>

Lund, I, & Moan, IS. (2021). The role of alcohol use and cigarette smoking in sickness absence: Are there social inequalities? *Int J Drug Policy*, 94, 103190. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/33713965>

Watanapongvanich, S, Khan, MSR, Putthinun, P, Ono, S, & Kadoya, Y. (2020). Financial Literacy, Financial Education, and Smoking Behavior: Evidence From Japan. *Front Public Health*, 8, 612976. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/33520921>

Wilson, LB, Angus, C, Pryce, R, Holmes, J, Brennan, A, & Gillespie, D. (2021). Do dual purchasers behave differently? An analysis of purchasing data for households that buy both alcohol and tobacco in the United Kingdom. *Addiction*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/33565690>

Bentley, R, Baker, E, Martino, E, Li, Y, & Mason, K. (2021). Alcohol and tobacco consumption: What is the role of economic security? *Addiction*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/33404137>

Homaie Rad, E, Hajizadeh, M, Rezaei, S, & Reihanian, A. (2020). Cigarette Smoking and Its Financial Burden among Iranian Households: Evidence from Household Income and Expenditures Survey. *J Res Health Sci*, 20(4), e00494. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/33424003>

DKim-Mozeleski, JE, Poudel, KCP, & Tsoh, JYP. (2020). Examining Reciprocal Effects of Cigarette Smoking, Food Insecurity, and Psychological Distress in the U.S. *J Psychoactive Drugs*, 1-8. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/33143564>

Manz, KC, Waters, TM, & Kaplan, CM. (2020). Marketplace Premiums Rise Faster For Tobacco Users Because Of Subsidy Design. *Health Aff (Millwood)*, 39(9), 1540-1545. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/32897786>

Stinson, S, Chieng, A, & Prochaska, JJ. (2020). Discretionary spending priorities of unemployed, job-seeking adults who smoke cigarettes. *Addict Behav Rep*, 11, 100270. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/32274416>

Wysota, CN, Sherman, SE, Vargas, E, & Rogers, ES. (2020). Sociodemographic Correlates of Food Insecurity Among New York City Tobacco Users. *American Journal of Health Promotion*, 890117120904002. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/32030990>

Kim-Mozeleski, JE., & Pandey, R. (2020). The Intersection of Food Insecurity and Tobacco Use: A Scoping Review. *Health Promotion Practice*, 21(1_suppl), 124S-138S. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31908208>

Everding, J, & Marcus, J. (2019). The effect of unemployment on the smoking behavior of couples. *Health Econ*. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31820539>

Parnia, A, & Siddiqi, A. (2019). Socioeconomic disparities in smoking are partially explained by chronic financial stress: marginal structural model of older US adults. *J Epidemiol Community Health*. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31871017>

Bergmans, RS. (2019). Response to a commentary on "Food insecurity transitions and smoking behavior among older adults who smoke". *Prev Med*, 129, 105831. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31739906>

Bergmans, RS, Coughlin, L, Wilson, T, & Malecki, K. (2019). Cross-sectional associations of food insecurity with smoking cigarettes and heavy alcohol use in a population-based sample of adults. *Drug Alcohol Depend*, 205, 107646. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31677489>

Kim-Mozeleski, JE, Yen, IH, Buchanan, DR, & Tsoh, JY. (2019). Linking food insecurity and smoking cessation: In response to "Food insecurity transitions and smoking behavior among older adults who smoke". *Prev Med*, 129, 105811. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31739907>

Airagnes, G, Lemogne, C, Meneton, P, Plessz, M, Goldberg, M, Hoertel, N et al. (2019). Alcohol, tobacco and cannabis use are associated with job loss at follow-up: Findings from the CONSTANCES cohort. *PLoS One*, 14(9), e0222361. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31498849>

Chelwa, G, & Koch, SF. (2019). The effect of tobacco expenditure on expenditure shares in South African households: A genetic matching approach. *PLoS One*, 14(9), e0222000. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31490996>

Kim-Mozeleski, JE, Pandey, R, & Tsoh, JY. (2019). Psychological distress and cigarette smoking among U.S. households by income: Considering the role of food insecurity. *Prev Med Rep*, 16, 100983. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31516816>

Assari, S, & Mistry, R. (2019). Diminished Return of Employment on Ever Smoking Among Hispanic Whites in Los Angeles. *Health Equity*, 3(1), 138-144. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31289772>

Bergmans, RS. (2019). Food insecurity transitions and smoking behavior among older adults who smoke. *Prev Med*, 126, 105784. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31325523>

Mayer, M, Gueorguieva, R, Ma, X, & White, MA. (2019). Tobacco use increases risk of food insecurity: An analysis of continuous NHANES data from 1999 to 2014. *Prev Med*, 126, 105765. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31260724>

Kuipers, MA, Partos, T, McNeill, A, Beard, E, Gilmore, AB, West, R, & Brown, J. (2019). Smokers' strategies across social grades to minimise the cost of smoking in a period with annual tax increases: evidence from a national survey in England. *BMJ Open*, 9(6), e026320. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31243031>

Veldheer, S, Wright, RR, & Foulds, J. (2019). What Low-income Smokers Have Learned from Public Health Pedagogy: A Narrative Inquiry. *Am J Health Behav*, 43(4), 691-704. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31225379>

Kim-Mozeleski, JE, Seligman, HK, Yen, IH, Shaw, SJ, Buchanan, DR, & Tsoh, JY. Changes in Food Insecurity and Smoking Status over Time: Analysis of the 2003 and 2015 Panel Study of Income Dynamics. *Am J Health Promot*, 2018. 890117118814397. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/30463414>

Husain, MJ, Datta, BK, Virk-Baker, MK, Parascandola, M, & Khondker, BH. The crowding-out effect of tobacco expenditure on household spending patterns in Bangladesh. *PLoS One*, 2018. 13(10), e0205120. Available from: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6177150/pdf/pone.0205120.pdf>

von Lampe, K, Kurti, M, & Johnson, J. "I'm gonna get me a loosie" Understanding single cigarette purchases by adult smokers in a disadvantaged section of New York City. *Prev Med Rep*, 2018. 12, 182-185. Available from: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6174847/pdf/main.pdf>

Crawford, ND, Moore, K, Christine, PJ, Barrientos-Gutierrez, T, Seeman, T, Diez Roux, AV. Examining the Role of Neighborhood-Level Foreclosure in Smoking and Alcohol Use Among Older Adults in the Multi-Ethnic Study of Atherosclerosis. *Am J Epidemiol*, 2018. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29961880>

Shagiwal, SS, Schop-Etman, A, Bergwerff, I, Vrencken, W, Denktas, S. The BeHealthyR Study: a randomized trial of a multicomponent intervention to reduce stress, smoking and improve financial health of low-income residents in Rotterdam. *BMC Public Health*. 2018 Jul 18;18(1):891. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/30021551>

Kim-Mozeleski, JE, Tsoh, JY. Food Insecurity and Psychological Distress Among Former and Current Smokers With Low Income. *Am J Health Promot*. 2018 Jan 1;890117118784233. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29950100>

Lang, E, Nystedt, P. Blowing up money? The earnings penalty of smoking in the 1970s and the 21st century. *J Health Econ*. 2018 May 31;60:39-52. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29909201>

Siahpush, M, Farazi, PA, Maloney, SI, Dinkel, D, Nguyen, MN, Singh, GK. Socioeconomic status and cigarette expenditure among US households: results from 2010 to 2015 Consumer Expenditure Survey. *BMJ Open*. 2018 Jun 15;8(6):e020571. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29909369>

Bockerman, P, Hyytinen, A, Kaprio, J, Maczulskij, T. If you drink, don't smoke: Joint associations between risky health behaviors and labor market outcomes. *Soc Sci Med*. 2018 Jun;207:55-63. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29730550>

Kaiser, M, Reutter, M, Sousa-Poza, A, Strohmaier, K. Smoking and local unemployment: Evidence from Germany. *Econ Hum Biol*. 2018 Mar 1;29:138-147. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29649780>

Kalkhoran, S, Berkowitz, SA, Rigotti, NA, Baggett, TP. Financial Strain, Quit Attempts, and Smoking Abstinence Among U.S. Adult Smokers. *Am J Prev Med*. 2018 Apr 5. pii: S0749-3797(18)30068-0. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29628382>

Petrelli, F, Grappasonni, I, Peroni, A, Kracmarova, L, Scuri, S. Survey about the potential effects of economic downturn on alcohol consumption, smoking and quality of life in a sample of Central Italy population. *Acta Biomed*. 2018 Mar 27;89(1):93-98. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29633749>

Kim-Mozeleski, JE, Tsoh, JY, Ramirez-Forcier, J, Andrews, B, Weiser, SD, Carrico, AW. Smoking Predicts Food Insecurity Severity among Persons Living with HIV. *AIDS Behav*, 2018. Feb 28, 2018. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29492741>

Li, C, Supakankunti, S. The Impact of Tobacco Consumption on Rural Household Expenditure and Self-rated Health Among Rural Household Members in China. *Subst Use Misuse*, 2018. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29578826>

Kenzdor, DE, Businelle, MS, Waters, AF, Frank, SG, Hebert, ET. Financial strain indirectly influences smoking cessation through withdrawal symptom severity. *Drug Alcohol Depend*. 2017 Dec 8;183:55-61. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29227838>

Martire, KA, Clare, P, Courtney, RJ, Bonevski, B, Boland, V, Borland, R, Doran, CM, Farrell, M, Hall, W, Iredale, JM, Siahpush, M, Mattick, RP. Smoking and finances: baseline characteristics of low income daily smokers in the FISCALS cohort. *Int J Equity Health*. 2017 Aug 30;16(1):157. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/28854980>

Hosler, AS, Michaels, IH. Association Between Food Distress and Smoking Among Racially and Ethnically Diverse Adults, Schenectady, New York, 2013-2014. *Prev Chronic Dis*. 2017 Aug 24;14:E71. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/28840822>

Sreeramareddy, CT, Ramakrishnareddy, N. Association of adult tobacco use with household food access insecurity: results from Nepal demographic and health survey, 2011. *BMC Public Health*. 2017 Jul 24;18(1):48. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/28738826>

Guillaumier, A, Twyman, L, Paul, C, Siahpush, M, Palazzi, K, Bonevski, B. Financial Stress and Smoking within a Large Sample of Socially Disadvantaged Australians. *Int J Environ Res Public Health*. 2017 Feb 25;14(3). Available from: <http://www.ncbi.nlm.nih.gov/pubmed/28245612>

Rogers, ES, Dave, DM, Pozen, A, Fahs, M, Gallo, WT. Tobacco cessation and household spending on non-tobacco goods: results from the US Consumer Expenditure Surveys. *Tob Control*, 2017. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/28302919>

Gulland, A. Tobacco control benefits poor people, says WHO. *BMJ*. 2017 Jan 11;356:j178. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/28077363>

Gottfredson, NC, Hussong, AM, Ennett, ST, Rothenberg, WA. The Role of Parental Engagement in the Intergenerational Transmission of Smoking Behavior and Identity. *J Adolesc Health*. 2016 Dec 20. pii: S1054-139X(16)30854-0. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/28011063>

McKenna, CS, Law, C, Pearce, A. Financial strain, parental smoking, and the great recession: An analysis of the UK Millennium Cohort Study. *Nicotine Tob Res*, Oct 2016. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/27707885>

Rathmann, K, Pfortner, TK, Elgar, FJ, Hurrelmann, K, Richter, M. The Great Recession, adolescent smoking and smoking inequalities: What role does youth unemployment play in 24 European countries? *Nicotine Tob Res*, Oct 2016. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/27794036>

Bono, RS, Barnes, AJ, Dick, DM, Kendler, KS. Drinking, cigarette smoking, and employment among American college freshmen at a four-year university. *Subst Use Misuse*, Oct 2016. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/27754728>

Farrelly, MC, Shafer, PR. Comparing trends between food insecurity and cigarette smoking among adults in the United States, 1998 to 2011. *Am J Health Promot*, Aug 2016. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/27493199>

Saebo, G, Kvaavik, E. Accumulation of material and lifestyle problems among daily smokers in Norway 1999 to 2013 - a cross-sectional analysis. *BMC Public Health*. 2016 Aug 12;16:781. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/27519316>

Katz, MH. Employment advice for job-seeking smokers: quit. *JAMA Intern Med*, 2016. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/27064412>

Prochaska, JJ, Michalek, A. K., Brown-Johnson, C, Daza, EJ, Baiocchi, M, Anzai, N, Rogers, A, Grigg, M, Chieng, A. Likelihood of unemployed smokers vs nonsmokers attaining reemployment in a one-year observational study. *JAMA Internal Medicine*, 2016;May 1;176(5):662-70. Available from: <http://archinte.jamanetwork.com/article.aspx?articleid=2513450>

Printz, C. Older tobacco users pay more under the Affordable Care Act. *Cancer*, 2016. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/26901831>

Kamimura, A et al. The association between tobacco, alcohol, and drug use, stress, and depression among uninsured free clinic patients: U.S.-born English speakers, non-U.S.-born English speakers, and Spanish speakers. *J Ethn Subst Abuse*, 2016. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/26822699>

Kim, JE, Tsoh, JY. Cigarette smoking among socioeconomically disadvantaged young adults in association with food insecurity and other factors. *Prev Chronic Dis*, 2016. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/26766849>

Widome, R et al. Associations between smoking behaviors and financial stress among low-income smokers. *Prev Med Rep*, 2015. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/26844167>

Do, YK, Bautista, MA. Tobacco use and household expenditures on food, education, and healthcare in low- and middle-income countries: a multilevel analysis. *BMC Public Health*, 2015. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/26521133>

Castaldelli-Maia, JM, Masters, N. The relationship between smoking and unemployment: New avenues for interdisciplinary research. *Int J Soc Psychiatry*, Sep 2015. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/26265502>

Belvin, C et al. Parental smoking and child poverty in the UK: an analysis of national survey data. *BMC Public Health*, 2015. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/26021316>

Benson, FE et al. Socioeconomic inequalities in smoking in The Netherlands before and during the Global Financial Crisis: a repeated cross-sectional study. *BMC Public Health*, 2015. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/25943385>

Chavez LJ, Ornelas IJ, Lyles CR, and Williams EC. Racial/Ethnic workplace discrimination: association with tobacco and alcohol use. *Am J Prev Med*, 2015; 48(1):42-9. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/25441232>

9.4.1 Spending on tobacco as a cause of financial stress

Macias Sanchez, A, & Garcia Gomez, A. (2023). Crowding out and impoverishing effect of tobacco in Mexico. *Tob Control*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/37567601>

Nguyen, CV, Le, TT, & Nguyen, NH. (2023). The crowding-out effect of tobacco expenditure on health expenditure: Evidence from a Lower-middle-income Country. *Nicotine Tob Res*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/37379098>

Jin, HJ, & Cho, SM. (2020). Effects of cigarette price increase on fresh food expenditures of low-income South Korean households that spend relatively more on cigarettes. *Health Policy*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/32859407>

Nguyen, NM, & Nguyen, A. (2020). Crowding-out effect of tobacco expenditure in Vietnam. *Tob Control*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/32848078>

Rust, SM, Myers, AE, D'Angelo, H, Queen, TL, Laska, MN, & Ribisl, KM. (2019). Tobacco Marketing at SNAP- and WIC-Authorized Retail Food Stores in the United States. *Health Educ Behav*, 1090198119831759. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/30829070>

Poghosyan, H, & Scarpino, SV. Food insecure cancer survivors continue to smoke after their diagnosis despite not having enough to eat: implications for policy and clinical interventions. *Cancer Causes Control*, 2019. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/30729359>

No authors listed. 500k households could be out of poverty if they quit smoking. *Community Pract*, Dec 2015. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/26837141>

Kmietowicz, Z. Parental smoking puts 400 000 UK children into poverty, researchers say. *BMJ*, 2015. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/26024890>

9.4.2 Financial stress and its influence on smoking abstinence

Zvolensky, MJ, Heggeness, LF, Mayorga, N, Garey, L, Buckner, JD, Businelle, MS, & Redmond, BY. (2023). Financial Strain Among Black Smokers in Terms of Abstinence Expectancies. *J Racial Ethn Health Disparities*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/37488316>

Bello, MS, Pang, RD, Colby, S M, Cassidy, RN, Zvolensky, M, & Langdon, KJ. (2023). Interactive effects of financial strain and distress tolerance on prequit tobacco withdrawal symptoms in smokers preparing to initiate a quit attempt. *Exp Clin Psychopharmacol*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/36649154>

Maglalang, DD, Avila, JC, Ahluwalia, JS, Murphy, CM, Alexander, AC, & Nollen, NL. (2022). The Role of Financial Strain and Educational Attainment on Smoking Abstinence of African Americans and Whites Who Smoke. *Ethn Dis*, 32(3), 223-230. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/35909641>

9.4.3 Smoking cessation and the reduction of financial stress

Berry, KM, Drew, JAR, Brady, PJ. & Widome, R. (2023). Impact of Smoking Cessation on Household Food Security. *Ann Epidemiol*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/36657695>

Lal, A, Mohebi, M, White, SL, Scollo, M, & McCaffrey, N. (2022). Household expenditure of smokers and ex-smokers across socioeconomic groups: results from a large nationwide Australian longitudinal survey. *BMC Public Health*, 22(1), 1706. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/36076210>

News reports:

Action on Smoking and Health. (2019). *Smoking and Poverty*. Available from <https://ash.org.uk/information-and-resources/reports-submissions/reports/smoking-and-poverty/>

Calicchio, D. Ohio city's ban on hiring smokers, vapers could be 'slippery slope,' some fear. *Gox News Live*, 2019. Aug 5, 2019. Available from: <https://www.foxnews.com/health/ohio-citys-ban-on-hiring-smokers-vapers-could-be-slippery-slope-some-fear>

McBeth, P. Tobacco tax hike drives up cost of living for beneficiaries, Māori *NZ Herald*, 2019. Apr 29, 2019. Available from: https://www.nzherald.co.nz/business/news/article.cfm?c_id=3&objectid=12226192

Hassan, B. Up in smoke: Aussies spend \$14 billion a year on cigarettes. *Finder*, 2019. Jan 16, 2019. Available from: <https://www.finder.com.au/press-release-jan-2019-up-in-smoke-aussies-spend-14-billion-a-year-on-cigarettes>

Mutaqin, Dadang J. Indonesian farmers' incomes going up in smoke to buy cigarettes. *Asian Correspondent*, 2018. Apr 17, 2018. Available from: <http://asiancorrespondent.com/2018/04/indonesian-farmers-incomes-going-up-in-smoke-to-buy-cigarettes/#eostjf7jh4SMmErj.97>

Foster, Ally. Your smoking habit could make you miss out on a job opportunity. *News.com.au*, 2018. Mar 19, 2018. Available from: <http://www.news.com.au/finance/work/at-work/your-smoking-habit-could-make-you-miss-out-on-a-job-opportunity/news-story/2f5bc251a6b7ad3c00afc54f474b0996>

No authors listed. One third of Kiwi smokers admit to sacrificing essentials. *Scoop (NZ)*, 2018. Mar 21, 2018. Available from: <http://www.scoop.co.nz/stories/PO1803/S00272/one-third-of-kiwi-smokers-admit-to-sacrificing-essentials.htm>

Bebbington, Theresa. Job-seeking smokers less likely to be re-employed. *WebMD UK*, 2016. Apr 11, 2016. Available from: <http://www.webmd.boots.com/smoking-cessation/news/20160411/job-seeking-smokers-less-likely-to-be-re-employed>

Ellis, Marie. Job-seeking smokers earn less money than nonsmokers. Medical News Today , 2016. Apr 11, 2016. Available from: <http://www.medicalnewstoday.com/articles/308909.php>

Lloyd, Peter. Cigarettes are bad for your health AND your career: Study reveals non-smokers 'find it easier to get jobs and earn more money'. Mail Online, 2016. Apr 12, 2016. Available from: <http://www.dailymail.co.uk/health/article-3534035/Cigarettes-bad-career-Study-finds-non-smokers-easier-jobs-earn-more.html>

Prochaska, JJ, Michalek, A. K., Brown-Johnson, C, Daza, EJ, Baiocchi, M, Anzai, N, Rogers, A, Grigg, M, Chieng, A. Likelihood of unemployed smokers vs nonsmokers attaining reemployment in a one-year observational study. JAMA Internal Medicine, 2016;May 1;176(5):662-70. Available from: <http://archinte.jamanetwork.com/article.aspx?articleid=2513450>

Kelly, Mike. Quitting smoking could lift 59,000 North East people out of poverty. Chronicle Live, 2015. Oct 28, 2015. Available from: <http://www.chroniclelive.co.uk/news/health/quitting-smoking-could-lift-59000-10341278>

Cooper, Charlie. Smoking parents plunging nearly half a million children into poverty, says new research. The Independent, 2015. May 29, 2015. Available from: <http://www.independent.co.uk/life-style/health-and-families/health-news/smoking-parents-plunging-nearly-half-a-million-children-into-poverty-says-new-research-10282432.html>

Parry, Lizzie. Smoking not only kills, it plunges children into POVERTY because parents 'prioritise cigarettes over food'. Daily Mail, 2015. May 29, 2015. Available from: <http://www.dailymail.co.uk/health/article-3101036/Smoking-not-kills-plunges-children-POVERTY-parents-prioritise-cigarettes-food.html>

Kirkup, James. Some people using foodbanks buy cigarettes instead of food. The Telegraph, 2014. Dec 8, 2014. Available from: <http://www.telegraph.co.uk/comment/11280307/Some-people-using-foodbanks-buy-cigarettes-instead-of-food.html>

Collinson, Patrick. Staying-in fashion: Britons spending more on rent and home entertainment . The Guardian, 2014. Dec 3, 2014. Available from: <http://www.theguardian.com/money/2014/dec/02/british-households-spend-less-entertainment-bills-rent-survey>

9.4.1 Spending on tobacco as a cause of financial stress

Malone, Patrick. Big Tobacco, preying on poor and uneducated, also hikes health inequities. JD Supra, LLC , 2017. June 23, 2017. Available from: <http://www.jdsupra.com/legalnews/big-tobacco-preying-on-poor-and-93937/>

9.4.2 Financial stress and its influence on smoking abstinence

Kalkhoran, Sara, Berkowitz, Seth A, Rigotti, Nancy A, Baggett, Travis P. Financial Strain, Quit Attempts, and Smoking Abstinence Among U.S. Adult Smokers. *American Journal of Preventive Medicine*, Apr 2018. Available from: <http://dx.doi.org/10.1016/j.amepre.2018.01.036>