

Tobacco in Australia

Facts & Issues

Relevant news and research

9.2 Trends over time in smoking among priority populations in Australia

Last updated December 2024

Research:	2
9.2.1 Changes in the prevalence of smoking among adults in various socio-economic groups.....	8
9.2.1.1 Trends over time in smoking and socioeconomic status	9
9.2.1.2 Trends over time in smoking and formal education	9
9.2.1.3 Trends over time in smoking and employment status	10
9.2.1.4 Trends over time in smoking and occupation level (blue vs. white collar).....	10
9.2.2 Differential uptake or differential cessation?	11
9.2.3 Changes in consumption of cigarettes.....	12
9.2.3.1 Trends over time in consumption and socioeconomic status	12
9.2.3.2 Trends over time in consumption and formal education	13
9.2.3.3 Trends over time in consumption and employment status.....	13
9.2.3.4 Trends over time in consumption and occupational level.....	13
9.2.4 Changes in the prevalence of smoking among students in schools in areas of varying levels of disadvantage.....	13
9.2.5 Changes in childhood exposure to smoking in the household	13
9.2.6 International comparisons	13
News reports:	18
9.2.1 Changes in the prevalence of smoking among adults in various socio-economic groups.....	19

9.2.1.1 Trends over time in smoking and socioeconomic status.....	19
9.2.1.2 Trends over time in smoking and formal education.....	19
9.2.1.3 Trends over time in smoking and employment status	19
9.2.1.4 Trends over time in smoking and occupation level (blue vs. white collar).....	19
9.2.2 Differential uptake or differential cessation?	19
9.2.3 Changes in consumption of cigarettes.....	19
9.2.3.1 Trends over time in consumption and socioeconomic status	19
9.2.3.2 Trends over time in consumption and formal education	19
9.2.3.3 Trends over time in consumption and employment status.....	19
9.2.3.4 Trends over time in consumption and occupational level.....	19
9.2.4 Changes in the prevalence of smoking among students in schools in areas of varying levels of disadvantage.....	19
9.2.5 Changes in childhood exposure to smoking in the household	19
9.2.6 International comparisons.....	19

Research:

Vourliotis, T, Twyman, L, Trigg, J, Fairweather, AK, Disney, G, Lawn, S et al. (2024). High tobacco smoking rates in people with disability: An unaddressed public health issue. *Aust N Z J Public Health*, 48(1), 100110. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/38183714>

Avila-Burgos, L, Guzman-Saldana, R, Marquez-Corona, ML, Pontigo-Loyola, AP, Marquez-Rodriguez, S, Mora-Acosta, M et al. (2023). Socioeconomic Inequalities in Alcohol and Tobacco Consumption: A National Ecological Study in Mexican Adolescents. *ScientificWorldJournal*, 2023, 3604004. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/37434965>

Tam, J, Levy, DT, Feuer, EJ, Jeon, J, Holford, TR, & Meza, R. (2023). Using the Past to Understand the Future of U.S. and Global Smoking Disparities: A Birth Cohort Perspective. *Am J Prev Med*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/36781373>

Nguyen-Grozavu, FT, Pierce, JP, Sakuma, KK, Leas, EC, McMenamin, S, Kealey, S (2020). Widening disparities in cigarette smoking by race/ethnicity across education level in the United States. *Prev Med*, 106220. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/32693179>

Tanaka, H, Mackenbach, JP, & Kobayashi, Y. (2020). Widening socioeconomic inequalities in smoking in Japan, 2001-2016. *J Epidemiol*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/32595181>

Datta, BK, Husain, MJ, & Fazlul, I. (2020). Tobacco control and household tobacco consumption: A tale of two educational groups. *Health Econ*. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/32567200>

Mills, SD, Golden, SD, Queen, TL, Kong, AY, & Ribisl, KM. (2020). Are state-level income-based disparities in adult smoking declining? *Prev Med*, 133, 106019. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/32057958>

Chang, Y, Kang, HY, Lim, D, Cho, HJ, & Khang, YH. (2019). Long-term trends in smoking prevalence and its socioeconomic inequalities in Korea, 1992-2016. *Int J Equity Health*, 18(1), 148. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31533732>

Agaku, IT, Odani, S, Okuyemi, KS, & Armour, B. (2019). Disparities in current cigarette smoking among US adults, 2002-2016. *Tob Control*. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31147473>

Leventhal, AM, Bello, MS, Galstyan, E, Higgins, ST, & Barrington-Trimis, JL. (2019). Association of Cumulative Socioeconomic and Health-Related Disadvantage With Disparities in Smoking Prevalence in the United States, 2008 to 2017. *JAMA Intern Med*. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31009023>

Vedoy, TF. The role of demographic and behavioural change for the long-term decline in daily smoking in Norway. *Eur J Public Health*, 2019. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/30649263>

Chang, Y, Cho, S, Kim, I, Bahk, J, & Khang, YH. Trends in Inequality in Cigarette Smoking Prevalence by Income According to Recent Anti-smoking Policies in Korea: Use of Three National Surveys. *J Prev Med Public Health*, 2018. 51(6), 310-319. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/30514061>

Perez-Ferrer C, Jaccard A, Knuchel-Takano A, Retat L, Brown M, et al. Inequalities in smoking and obesity in europe predicted to 2050: Findings from the econda project. *Scand J Public Health*, 2018:1403494818761416. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29516788>

Niedzin M, Gaszynska E, Krakowiak J, Saran T, Szatko F, et al. Gender, age, social disadvantage and quitting smoking in argentina and uruguay. *Ann Agric Environ Med*, 2018; 25(1):100-7. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29575866>

Mariapun J, Hairi NN, and Ng CW. Socioeconomic differences in smoking and cessation across a period of rapid economic growth in an upper-middle-income country. *Nicotine & Tobacco Research*, 2018. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/30256989>

Verlato G, Accordini S, Nguyen G, Marchetti P, Cazzoletti L, et al. Correction to: Socioeconomic inequalities in smoking habits are still increasing in italy. *BMC Public Health*, 2017; 17(1):815. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29041925>

Pampel FC, Bricard D, Khlal M, and Legleye S. Life course changes in smoking by gender and education: A cohort comparison across france and the united states. *Popul Res Policy Rev*, 2017; 36(3):309-30. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29056801>

Hoebel J, Kuntz B, Kroll LE, Finger JD, Zeiher J, et al. Trends in absolute and relative educational inequalities in adult smoking since the early 2000s: The case of germany. *Nicotine & Tobacco Research*, 2017. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/28431153>

Doogan NJ, Roberts ME, Wewers ME, Stanton CA, Keith DR, et al. A growing geographic disparity: Rural and urban cigarette smoking trends in the united states. *Preventive Medicine*, 2017. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/28315761>

Cunradi CB, Moore RS, and Battle RS. Prevalence and correlates of current and former smoking among urban transit workers. *Saf Health Work*, 2017; 8(4):402-6. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29276641>

Lahelma E, Pietilainen O, Ferrie J, Kivimaki M, Lahti J, et al. Changes over time in absolute and relative socioeconomic differences in smoking: A comparison of cohort studies from britain, finland and japan. *Nicotine & Tobacco Research*, 2016. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/26764256>

Bhan N, Karan A, Srivastava S, Selvaraj S, Subramanian SV, et al. Have socioeconomic inequalities in tobacco use in india increased over time? Trends from the national sample surveys (2000-2012). *Nicotine & Tobacco Research*, 2016. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/27048274>

Verlato G, Accordini S, Nguyen G, Marchetti P, Cazzoletti L, et al. Socioeconomic inequalities in smoking habits are still increasing in italy. *BMC Public Health*, 2014; 14:879. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/25159912>

Tautolo el S, Iusitini L, Taylor S, and Paterson J. Will new zealand be smokefree by 2025? Smoking prevalence amongst a cohort of pacific adults. *New Zealand Medical Journal*, 2014; 127(1393):99–106. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/24816960>

Polednak AP. Persistent disparity in prevalence of current cigarette smoking between us adolescents with vs. Without a past-year major depressive episode. *Community Ment Health J*, 2014; 50(2):179–84. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/24337521>

Kuipers MA, Nagelhout GE, Willemsen MC, and Kunst AE. Widening educational inequalities in adolescent smoking following national tobacco control policies in the netherlands in 2003: A time-series analysis. *Addiction*, 2014; 109(10):1750–9. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/24895015>

Goodwin RD, Wall MM, Choo T, Galea S, Horowitz J, et al. Changes in the prevalence of mood and anxiety disorders among male and female current smokers in the united states: 1990-2001. *Annals of Epidemiology*, 2014; 24(7):493–7. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/24935462>

Brown HK and Wilk P. Changes in smoking during pregnancy in ontario, 1995 to 2010: Results from the canadian community health survey. *J Obstet Gynaecol Can*, 2014; 36(10):878–84. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/25375300>

Zhang X, Martinez-Donate AP, Kuo D, Jones NR, and Palmersheim KA. Trends in home smoking bans in the USA, 1995-2007: Prevalence, discrepancies and disparities. *Tobacco Control*, 2012; 21(3):330–6. Available from: <http://tobaccocontrol.bmj.com/content/21/3/330.abstract>

Romero C, Romero T, Shlay J, Ogden L, and Dabelea D. Changing trends in the prevalence and disparities of obesity and other cardiovascular disease risk factors in three racial/ethnic groups of

USA adults. *Advances in Preventive Medicine*, 2012; 2012:172423. Available from: <http://www.hindawi.com/journals/apm/2012/172423/>

<http://www.ncbi.nlm.nih.gov/pubmed/23243516>

Keyes K, March D, Link B, Chilcoat H, and Susser E. Do socio-economic gradients in smoking emerge differently across time by gender? Implications for the tobacco epidemic from a pregnancy cohort in California, USA. *Social Science & Medicine*, 2012; [Epub ahead of print]. Available from:

<http://www.sciencedirect.com/science/article/pii/S0277953612007332>

<http://www.ncbi.nlm.nih.gov/pubmed/23186639>

Gartner C, Scollo M, Marquart L, Mathews R, and Hall W. Analysis of national data shows mixed evidence of hardening among Australian smokers. *Australian and New Zealand Journal of Public Health*, 2012; 36(5):408–14. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/23025359>

<http://onlinelibrary.wiley.com/doi/10.1111/j.1753-6405.2012.00908.x/abstract>

Cohen JE, McDonald PW, and Selby P. Softening up on the hardening hypothesis. *Tobacco Control*, 2012; 21(2):265–6. Available from: <http://tobaccocontrol.bmj.com/content/21/2/265.short>

Bhan N, Srivastava S, Agrawal S, Subramanyam M, Millett C, et al. Are socioeconomic disparities in tobacco consumption increasing in India? A repeated cross-sectional multilevel analysis. *BMJ Open*, 2012; 2(5). Available from: <http://bmjopen.bmj.com/content/2/5/e001348.long>

<http://www.ncbi.nlm.nih.gov/pubmed/23024253>

Bacigalupe A, Esnaola S, Martin U, and Borrell C. Two decades of inequalities in smoking prevalence, initiation and cessation in a southern European region: 1986–2007. *European Journal of Public Health*, 2012; [Epub ahead of print]. Available from:

<http://eurpub.oxfordjournals.org/content/early/2012/08/08/eurpub.cks104.long>

Zhu S, Hebert K, Wong S, Cummins S, and Gamst A. Disparity in smoking prevalence by education: Can we reduce it? *Glob Health Promot*, 2010; 17(1 Suppl):29–39. Available from:

http://ped.sagepub.com/content/17/1_suppl/29.full.pdf+html

Woodward A. Commentary on Sims et al. (2010): The decline in passive smoking. *Addiction*, 2010; 105(3):554–5. Available from: <http://www3.interscience.wiley.com/cgi-bin/fulltext/123275731/HTMLSTART>

Sims M, Tomkins S, Judge K, Taylor G, Jarvis MJ, et al. Trends in and predictors of second-hand smoke exposure indexed by cotinine in children in England from 1996 to 2006. *Addiction*, 2010; 105(3):543–53. Available from:

<http://www3.interscience.wiley.com/user/accessdenied?ID=123275730&Act=2138&Code=4719&Page=/cgi-bin/fulltext/123275730/HTMLSTART>

Reid J, Hammond D, and Driezen P. Socio-economic status and smoking in Canada, 1999–2006: Has there been any progress on disparities in tobacco use? *Canadian Journal of Public Health*, 2010; 101(1):73–8. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/20364543>

Etter J. Smoking prevalence, cigarette consumption and advice received from physicians: Change between 1996 and 2006 in Geneva, Switzerland. *Addictive Behaviors*, 2010; 35(4):355–8. Available from: www.ncbi.nlm.nih.gov/pubmed/19919891

Doku D, Koivusilta L, Rainio S, and Rimpelä A. Socioeconomic differences in smoking among Finnish adolescents from 1977 to 2007. *Journal of Adolescent Health*, 2010; 47(5):479–87. Available from: <http://www.jahonline.org/article/PIIS1054139X10001680/fulltext>

Stein C, Ellis J, Savitz D, Vichinsky L, and Perl S. Decline in smoking during pregnancy in New York City, 1995–2005. *Public Health Reports*, 2009; 124(6):841–9. Available from: <http://www.publichealthreports.org/archives/issuecontents.cfm?Volume=124&Issue=6>

Smith P, Frank J, and Mustard C. Trends in educational inequalities in smoking and physical activity in Canada: 1974 to 2005. *Journal of Epidemiology and Community Health*, 2009; 63(4):317–23. Available from: <http://jech.bmj.com/content/63/4/317.long>

Siahpush M, Singh G, Jones P, and Timsina L. Racial/ethnic and socioeconomic variations in duration of smoking: Results from 2003, 2006 and 2007 tobacco use supplement of the current population survey. *Journal of Public Health*, 2009; 32(2):210–8. Available from: <http://jpubhealth.oxfordjournals.org/content/32/2/210.full>

Schaap MM, Kunst AE, Leinsalu M, Regidor E, Espelt A, et al. Female ever-smoking, education, emancipation and economic development in 19 European countries. *Social Science and Medicine*, 2009; Epub ahead of print. Available from: http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6VBF-4VHWB0S-2&_user=10&_rdoc=1&_fmt=&_orig=search&_sort=d&_view=c&_acct=C000050221&_version=1&_urlVersion=0&_userid=10&md5=491a849e6ea597c2b57d7886fab22e29

Schaap M, Kunst A, Leinsalu M, Regidor E, Espelt A, et al. Female ever-smoking, education, emancipation and economic development in 19 European countries. *Social Science and Medicine*, 2009; 68(7):1271–8. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/19195749>

Rasmussen M, Due P, Damsgaard M, Holstein B, and Holstein B. Social inequality in adolescent daily smoking: Has it changed over time? *Scand J Public Health*, 2009; 37(3):287–94. Available from: <http://sjp.sagepub.com/content/37/3/287.full.pdf+html>

Peretti-Watel P, Constance J, Seror V, and Beck F. Cigarettes and social differentiation in France: Is tobacco use increasingly concentrated among the poor? *Addiction*, 2009; 104(10):1718–28. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/19681803>

Peer N, Bradshaw D, Laubscher R, and Steyn K. Trends in adult tobacco use from two South African demographic and health surveys conducted in 1998 and 2003. *South African Medical Journal*, 2009; 99(10):744–9. Available from: <http://ajol.info/index.php/samj/article/viewFile/50856/39542>

Mereu A, Sardu C, Minerba L, and Contu P. Smoking trends and educational level in Italy in the age group 20–24, from 1950 to 2000. *Substance Use and Misuse*, 2009; 44(2):163–71. Available from: <http://www.informaworld.com/smpp/content~db=all?content=10.1080/10826080802345267>

Laws P and Sullivan E. Australia's mothers and babies 2007. Perinatal statistics series no. 23., cat. no. PER 48. Sydney: Australian Institute of Health and Welfare National Perinatal Statistics Unit, 2009. Available from: <http://www.aihw.gov.au/publications/per/per-48-10972/per-48-10972.pdf>

Hughes S, Corcos I, Hofstetter C, Hovell M, and Irvin V. Longitudinal study of household smoking ban adoption among korean americans. *American Journal of Preventive Medicine*, 2009; 37(5):437–40. Available from:

http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=19840699

Federico B, Costa G, Ricciardi W, and Kunst AE. Educational inequalities in smoking cessation trends in italy, 1982-2002. *Tobacco Control*, 2009; 18(5):393–8. Available from:

<http://tobaccocontrol.bmj.com/cgi/content/abstract/18/5/393>

Federico B, Costa G, Ricciardi W, and Kunst A. Educational inequalities in smoking cessation trends in italy, 1982-2002. *Tobacco Control*, 2009; 18(5):393–8. Available from:

<http://tobaccocontrol.bmj.com/content/18/5/393.long>

Cook D, Lee W, and Yang W. Factors associated with total restrictions on smoking at work and at home: A study among populations in multiple us states and the us virgin islands. *International Journal of Occupational and Environmental Health*, 2009; 15(4):392–401. Available from:

<http://www.ijoe.com/index.php/ijoe/login?source=%2Findex.php%2Fijoe%2Farticle%2Fview%2F1068%2F951>

Barnett R, Pearce J, and Moon G. Community inequality and smoking cessation in new zealand, 1981–2006 *Social Science & Medicine*, 2009; 68(5):876–84. Available from:

<http://www.ncbi.nlm.nih.gov/pubmed/19136183>

Pampel FC. Racial convergence in cigarette use from adolescence to the mid-thirties. *Journal of Health and Social Behavior*, 2008; 49(4):484–98. Available from:

<http://www.ingentaconnect.com/content/asoca/jhsb/2008/00000049/00000004/art00008>

Moussa K, Ostergren P, Grahn M, Kunst A, Eek F, et al. Socioeconomic differences in smoking trends among pregnant women at first antenatal visit in sweden 1982-2001: Increasing importance of educational level for the total burden of smoking. *Tobacco Control*, 2008; 18(2):92–7. Available from:

<http://tobaccocontrol.bmj.com/content/18/2/92.long>

Goldberg JO and Van Exan J. Longitudinal rates of smoking in a schizophrenia sample. *Tobacco Control*, 2008; 17(4):271–5. Available from:

<http://tobaccocontrol.bmj.com/cgi/content/abstract/17/4/271>

Centers for Disease Control and Prevention (CDC). Disparities in secondhand smoke exposure --- united states, 1988--1994 and 1999--2004. *Morbidity and Mortality Weekly Report*, 2008;

57(27):744–7. Available from: <http://www.cdc.gov/mmwr/preview/mmwrhtml/mm5727a3.htm>

Australian Bureau of Statistics. 4326.0 mental health and well-being: Profile of adults: Summary of results 2007. Canberra: ABS, 2008. Available from:

<http://www.abs.gov.au/AUSSTATS/abs@.nsf/allprimarymainfeatures/3F8A5DFCBECAD9C0CA2568A900139380?opendocument>

Laws P, Abeywardana S, Walker J, and Sullivan E. Australia's mothers and babies 2005. Perinatal statistics series no. 20, AIHW cat. no. PER 40.Sydney: Australian Institute of Health and Welfare National Perinatal Statistics Unit, 2007. Available from:

<http://www.aihw.gov.au/publications/index.cfm/title/10471>

Davy M. Socio-economic inequalities in smoking: An examination of generational trends in great Britain. *Health Statistics Quarterly*, 2007; (34):26–34. Available from: http://www.statistics.gov.uk/articles/hsg/HSQ34_Smoking.pdf

Australian Bureau of Statistics. 4102.0 Australian social trends, 2007. Canberra: ABS, 2007. Available from: <http://www.abs.gov.au/AUSSTATS/abs@.nsf/Latestproducts/F4B15709EC89CB1ECA25732C002079B2?opendocument#>.

Najman J, Toloo G, and Sisikind V. Socioeconomic disadvantage and changes in health risk behaviours in Australia: 1989-90 to 2001. *Bulletin of the World Health Organization*, 2006; 84(12):976–84. Available from: <http://www.who.int/bulletin/volumes/84/12/05-028928.pdf>

Moon L and Waters A. Socioeconomic inequalities in cardiovascular disease in Australia. *Bulletin no. 37*. Australian Institute of Health and Welfare, 2006. Available from: <http://www.aihw.gov.au/publications/index.cfm/title/10307>.

Blakely T and Wilson N. Smoking and inequalities *The Lancet*, 2006; 368(9545):1417–8. Available from: http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6T1B-4M530PW-V&_user=10&_rdoc=1&_fmt=&_orig=search&_sort=d&_view=c&_acct=C000050221&_version=1&_urlVersion=0&_userid=10&md5=179498db3ddfa375c5a2e7d20b50b1dd

Gilpin E and Pierce J. Demographic differences in patterns in the incidence of smoking cessation: United States 1950-1990. *Annals of Epidemiology*, 2002; 12:141–50.

Bennett S. Cardiovascular risk factors in Australia; trends in socioeconomic inequalities. *Journal of Epidemiology and Community Health*, 1995; 1995(49):367–76.

9.2.1 Changes in the prevalence of smoking among adults in various socio-economic groups

Avila, JC, Lee, S, Osuoha, E, Maglalang, DD, Sokolovsky, A, & Ahluwalia, JS. (2022). Socioeconomic status across the life course and smoking cessation among older adult smokers in the U.S. *Addict Behav*, 135, 107454. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/35964392>

Oura, P, Rissanen, I, Junno, JA, Harju, T, & Paananen, M. (2020). Lifelong smoking trajectories of Northern Finns are characterized by sociodemographic and lifestyle differences in a 46-year follow-up. *Sci Rep*, 10(1), 16365. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/33004859>

Gagne, T, Frohlich, KL, & Quesnel-Vallee, A. (2020). The role of education and other transition milestones in the progression of social inequalities in cigarette smoking between the ages of 18 and 25: Evidence from the Canadian National Population Health Survey. *Addict Behav*, 109, 106476. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/32485548>

van Lenthe FJ and Mackenbach JP. Neighbourhood and individual socioeconomic inequalities in smoking: The role of physical neighbourhood stressors. *Journal of Epidemiology and Community Health*, 2006; 60(8):699–705. Available from: <http://jech.bmj.com/cgi/content/abstract/60/8/699>

9.2.1.1 Trends over time in smoking and socioeconomic status

Nguyen, DT, Donnelly, M, Van Hoang, M, & O'Neill, C. (2023). The case for individualised public health interventions: Smoking prevalence and inequalities in Northern Ireland 1985-2015. *Health Policy*, 135, 104879. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/37441920>

Jeon, J, Cao, P, Fleischer, NL, Levy, DT, Holford, TR, Meza, R, & Tam, J. (2023). Birth Cohort-Specific Smoking Patterns by Family Income in the U.S. *Am J Prev Med*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/36653231>

9.2.1.2 Trends over time in smoking and formal education

Van Hemelrijck, WMJ, Kunst, AE, Sizer, A, Martikainen, P, Zengarini, N, Costa, G, & Janssen, F. (2024). Trends in educational inequalities in smoking-attributable mortality and their impact on changes in general mortality inequalities: evidence from England and Wales, Finland, and Italy (Turin). *J Epidemiol Community Health*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/38955464>

Cao, P, Jeon, J, Tam, J, Fleischer, NL, Levy, DT, Holford, TR, & Meza, R. (2023). Smoking Disparities by Level of Educational Attainment and Birth Cohort in the U.S. *Am J Prev Med*, 64(4 Suppl 1), S22-S31. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/36935129>

Pineiro, B, Trias-Llimos, S, Spijker, JJA, Blanes Llorens, A, & Permanyer, I. (2022). Estimation of smoking-related mortality and its contribution to educational inequalities in life expectancy in Spain: an observational study, 2016-2019. *BMJ Open*, 12(8), e059370. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/35948385>

Shi, X, Yuan, W, Cao, Q, & Cui, W. (2022). Education plays a crucial role in the pathway from poverty to smoking: a Mendelian randomization study. *Addiction*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/35929574>

Silventoinen, K, Piirtola, M, Jelenkovic, A, Sund, R, Tarnoki, AD, Tarnoki, DL et al. (2022). Smoking remains associated with education after controlling for social background and genetic factors in a study of 18 twin cohorts. *Sci Rep*, 12(1), 13148. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/35909142>

Wedow, R, Zacher, M, Huibregtse, BM, Harris, KM, Domingue, BW, & Boardman, JD. (2018). Education, Smoking, and Cohort Change: Forwarding a Multidimensional Theory of the Environmental Moderation of Genetic Effects. *Am Sociol Rev*, 83(4), 802-832. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31534265>

Sanderson, E, Davey Smith, G, Bowden, J, & Munafo, MR. (2019). Mendelian randomisation analysis of the effect of educational attainment and cognitive ability on smoking behaviour. *Nat Commun*, 10(1), 2949. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31270314>

Martinez, IKC, Sparks, NRL, Madrid, JV, Affeldt, H, Vera, MKM, Bhanu, B, & Zur Nieden, NI. Video-based kinetic analysis of calcification in live osteogenic human embryonic stem cell cultures reveals the developmentally toxic effect of Snus tobacco extract. *Toxicol Appl Pharmacol*, 2018. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/30449759>

Heckman JJ, Humphries JE, and Veramendi G. Returns to education: The causal effects of education on earnings, health, and smoking. *J Polit Econ*, 2018; 126(Suppl 1):S197-S246. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/30344340>

Fawns-Ritchie C, Starr JM, and Deary IJ. Health literacy, cognitive ability and smoking: A cross sectional analysis of the English longitudinal study of ageing. *BMJ Open*, 2018; 8(10):e023929. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/30368451>
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6224719/pdf/bmjopen-2018-023929.pdf>

9.2.1.3 Trends over time in smoking and employment status

Asare, S. (2024). Association of cigarette smoking with changes in macroeconomic conditions. *Econ Hum Biol*, 54, 101397. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/38703460>

Kava, CM, Syamlal, G, VanFrank, B, Siegel, DA, Henley, SJ, Bryant-Genevier, J et al. (2024). Employment Characteristics and Tobacco Product Use, U.S., 2021. *Am J Prev Med*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/38729249>

Li, C, Wu, D, Bullen, C, Chen, J, Cheung, F, Zheng, Y, & Luo, H. (2024). Job-related factors associated with tobacco use among Chinese food delivery riders: A cross-sectional survey. *Tob Induc Dis*, 22. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/38751549>

El Haddad, R., Renuy, A., Wiernik, E., Goldberg, M., Zins, M., & Airagnes, G. (2024). [Tobacco use and employment status: A cross-sectional analysis of the CONSTANCES cohort]. *Sante Publique*, 35(5), 81-94. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/38172053>

Baek, SU, Yoon, JH, & Won, JU. (2023). Associations between precarious employment and smoking and regular exercise: Results from a Korean longitudinal panel study from 2005 to 2020. *Prev Med*, 168, 107420. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/36603605>

Hamieh, N, Descatha, A, Zins, M, Goldberg, M, Czernichow, S, Hoertel, N et al. (2022). Physical exertion at work and addictive behaviors: tobacco, cannabis, alcohol, sugar and fat consumption: longitudinal analyses in the CONSTANCES cohort. *Sci Rep*, 12(1), 661. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/35027592>

Amiri, S, & Hosseini, SM. (2021). Prevalence of current and former smoking in industrial workers worldwide: a systematic review and meta-analysis. *J Addict Dis*, 1-23. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/33416038>

Lee, JO, Horwood, LJ, Lee, WJ, Hackman, DA, McLeod, GFH, & Boden, JM. (2019). Social causation, social selection, or common determinants? examining competing explanations for the link between young adult unemployment and nicotine dependence. *Nicotine Tob Res*. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31408171>

9.2.1.4 Trends over time in smoking and occupation level (blue vs. white collar)

Li, C, Wu, D, Bullen, C, Chen, J, Cheung, F, Zheng, Y, & Luo, H. (2024). Job-related factors associated with tobacco use among Chinese food delivery riders: A cross-sectional survey. *Tob Induc Dis*, 22. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/38751549>

Yang, XY. (2020). Class Status and Social Mobility on Tobacco Smoking in Post-Reform China between 1991 and 2011. *Nicotine Tob Res*. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/32516391>

Hsu, CD, Momin, F, Hess, JW, & de Carvalho, MF. (2019). Trends in Cigarette Smoking Prevalence Among Refinery and Petrochemical Plant Workers, 1950-1999. *J Occup Environ Med*. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31567882>

Fujita, T, Babazono, A, Harano, Y, & Jiang, P. (2019). Influence of Occupational Background on Smoking Prevalence as a Health Inequality Among Employees of Medium- and Small-Sized Companies in Japan. *Popul Health Manag*. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31207197>

Jitnarin, N, Poston, WSC, Haddock, CK, & Jahnke, SA. (2019). Tobacco Use among Women Firefighters. *Womens Health Issues*. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31229361>

So, VH, Best, C, Currie, D, & Haw, S. (2019). Association between tobacco control policies and current smoking across different occupational groups in the EU between 2009 and 2017. *J Epidemiol Community Health*. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31213489>

9.2.2 Differential uptake or differential cessation?

Assari, S, & Sheikhattari, P. (2024). Social Determinants of Successful Smoking Cessation: An Eight-Year Analysis of Population Assessment of Tobacco and Health (PATH) Data. *J Biomed Life Sci*, 4(2), 60-70. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/39545175>

Ruokolainen, O, Harkanen, T, Lahti, J, Haukkala, A, Heliovaara, M, & Rahkonen, O. (2021). Association between educational level and smoking cessation in an 11-year follow-up study of a national health survey. *Scand J Public Health*, 1403494821993721. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/33648397>

Cambron, C, Lam, CY, Cinciripini, P, Li, L, & Wetter, DW. (2019). Socioeconomic Status, Social Context, and Smoking Lapse During a Quit Attempt: An Ecological Momentary Assessment Study. *Ann Behav Med*. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31612218>

Nargis, N, Yong, HH, Driezen, P, Mbulo, L, Zhao, L, Fong, GT et al. (2019). Socioeconomic patterns of smoking cessation behavior in low and middle-income countries: Emerging evidence from the Global Adult Tobacco Surveys and International Tobacco Control Surveys. *PLoS One*, 14(9), e0220223. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31490958>

King, G, Guignard, R, Reeder, E, Beck, F, Conserve, DF, Arwidson, P et al (2019). Fumes-tu encore? Quitting among French and American smokers: 2000-2010. *Ann Epidemiol*. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31101457>

Vijayaraghavan M, Benmarnhia T, Pierce JP, White MM, Kempster J, et al. Income disparities in smoking cessation and the diffusion of smoke-free homes among u.S. Smokers: Results from two

longitudinal surveys. PLoS ONE, 2018; 13(7):e0201467. Available from:

<https://www.ncbi.nlm.nih.gov/pubmed/30052671>

Pizacani B, Pickle K, Maher J, Rohde K, and Fenaughty A. Smoking cessation patterns by socioeconomic status in alaska. Preventive Medicine Reports, 2018; 10:24-8. Available from:

<https://www.ncbi.nlm.nih.gov/pubmed/29868355>

O'Keefe AM, Bustad K, Apata J, Sheikhattari P, Abrams NR, et al. What differentiates underserved smokers who successfully quit from those who do not. Journal of Community Health, 2018. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/30014180>

Goding Sauer A, Fedewa SA, Kim J, Jemal A, and Westmaas JL. Educational attainment & quitting smoking: A structural equation model approach. Preventive Medicine, 2018; 116:32-9. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/30170014>

Droomers M, Huang X, Fu W, Yang Y, Li H, et al. Educational disparities in the intention to quit smoking among male smokers in china: A cross-sectional survey on the explanations provided by the theory of planned behaviour. BMJ Open, 2016; 6(10):e011058. Available from:

<https://www.ncbi.nlm.nih.gov/pubmed/27855086>

Friedmann P, Jiang L, and Richter K. Cigarette smoking cessation services in outpatient substance abuse treatment programs in the united states. Journal of Substance Abuse Treatment, 2008; 34(2):165–72. Available from: http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6T90-4NT57MF-1&_user=10&_rdoc=1&_fmt=&_orig=search&_sort=d&_view=c&_acct=C000050221&_version=1&_urlVersion=0&_userid=10&md5=3ed797e0f3223788727a707b93408191

Khwaja A, Silverman D, and Sloan F. Time preference, time discounting, and smoking decisions. Journal of Health Economics, 2007; 26(5):927–49. Available from:

<http://www.nber.org/papers/w12615>

St John P and Tasi-Mulitalo L. New zealand: Pacific islanders' smoking targeted. Tobacco Control, 2006; 15(3):148–9. Available from: <http://tobaccocontrol.bmj.com/cgi/content/full/15/3/148>

Bars M, Banauch G, Appel D, Andreachi M, Mouren P, et al. "Tobacco free with fdny". The new york city fire department world trade centre tobacco cessation study. Chest, 2006; 129(4):836–9. Available from: <http://www.chestjournal.org/cgi/content/abstract/129/4/979/>

9.2.3 Changes in consumption of cigarettes

9.2.3.1 Trends over time in consumption and socioeconomic status

Huang, MZ, Liu, TY, Zhang, ZM, Song, F, & Chen, T. (2023). Trends in the distribution of socioeconomic inequalities in smoking and cessation: evidence among adults aged 18 ~ 59 from China Family Panel Studies data. *Int J Equity Health*, 22(1), 86. Retrieved from

<https://www.ncbi.nlm.nih.gov/pubmed/37170095>

9.2.3.2 Trends over time in consumption and formal education

Martinez, SA, Hasan, A, Beebe, LA, & Cheney, MK. (2021). Smoking Behaviors of General Educational Development (GED) Recipients. *Subst Use Misuse*, 1-8. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/34253161>

Yao, Y, Nakamura, R, & Sari, N. (2019). The educational gap in tar and nicotine content in purchases of cigarettes: An observational study using large-scale representative survey data from Japan. *Prev Med*, 129, 105828. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31479656>

9.2.3.3 Trends over time in consumption and employment status

Leigh, JP, & Chakalov, BT. (2023). Estimating effects of wages on smoking prevalence using labor unions as instrumental variables. *J Occup Environ Med*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/36662699>

Roche, A, McEntee, A, Kim, S, & Chapman, J. (2021). Changing patterns and prevalence of daily tobacco smoking among Australian workers: 2007-2016. *Australian and New Zealand Journal of Public Health*, 45(3), 290-298. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/34028952>

9.2.3.4 Trends over time in consumption and occupational level

9.2.4 Changes in the prevalence of smoking among students in schools in areas of varying levels of disadvantage

Knaappila, N, Marttunen, M, Frojd, S, Lindberg, N, & Kaltiala-Heino, R. Socioeconomic Trends in Adolescent Smoking in Finland From 2000 to 2015. *J Adolesc Health*, 2019. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/30691939>

Collins BN, Wileyto EP, Murphy MFG, and Munafò MR. Adolescent environmental tobacco smoke exposure predicts academic achievement test failure. *The Journal of Adolescent Health*, 2007; 41(4):363–70. Available from: <http://linkinghub.elsevier.com/retrieve/pii/S1054139X07001826>

Cook PJ and Hutchinson R. *Smoke signals: Adolescent smoking and school continuation*. Cambridge, Massachusetts: National Bureau of Economic Research, 2006. Available from: <http://www.nber.org/papers/w12472>.

9.2.5 Changes in childhood exposure to smoking in the household

9.2.6 International comparisons

Mangrio, FA, Uthis, P, & Rojnawee, S. (2024). Factors Influencing the Use of Tobacco Among Youth in Low-Income, Lower-Middle-Income, and Upper-Middle-Income Countries: A Systematic Review. *J Res Health Sci*, 24(3), e00617. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/39311100>

Jawad, M, Li, W, & Filippidis, FT. (2024). Sociodemographic inequalities in cigarette, smokeless tobacco, waterpipe tobacco, and electronic cigarette use among adolescents aged 12-16 years in

114 countries: A cross-sectional analysis. *Tob Induc Dis*, 22. Retrieved from

<https://www.ncbi.nlm.nih.gov/pubmed/39224225>

San Sebastian, M, Jaakko, T, Soderberg, S, Zimmet, P, Ori, B, Heecharan, J et al. (2024). Prevalence and social determinants of smoking among men in Mauritius: a cross-sectional study. *Glob Health Action*, 17(1), 2367415. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/38899339>

Boxer, DJ, Sung, YH, Nunez, NA, Fitzgerald, CE, Renshaw, PF, & Kondo, DG. (2024). Exploring the Link between Altitude of Residence and Smoking Patterns in the United States. *Int J Environ Res Public Health*, 21(2). Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/38397715>

Arabi, S, Jahanmehr, N, & Khoramrooz, M. (2023). National and regional economic inequalities in first- and second-hand tobacco consumption among women of reproductive ages in Iran. *BMC Public Health*, 23(1), 2532. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/38110920>

Williamson, J, Janda, KM, & Jones, SK. (2023). Exploring Smoking Disparities and Sociodemographic Factors in a Peri-urban Landscape: A Census Tract-Level Analysis in McLennan County, Texas. *J Community Health*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/37932627>

Abbasi-Kangavari, M, Masinaei, M, Fattahi, N, Rahimi, Y, Rezaei, N, Azadnajafabad, S et al. (2021). Current Inequities in Smoking Prevalence on District Level in Iran: A Systematic Analysis on the STEPS Survey. *J Res Health Sci*, 22(1), e00540. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/36511256>

Razzaq, S, Nagi, MLF, Athar, U, Kazmi, T, Alslamah, T, Naz, S, & Abalkhail, A. (2022). Prevalence of tobacco consumption and the associated factors among the adults in an urban slum: Findings from the WHO STEPwise survey. *Tob Induc Dis*, 90, 91. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/36381179>

Theilmann, M, Lemp, JM, Winkler, V, Manne-Goehler, J, Marcus, ME, Probst, C et al. (2022). Patterns of tobacco use in low and middle income countries by tobacco product and sociodemographic characteristics: nationally representative survey data from 82 countries. *BMJ*, 378, e067582. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/36041745>

Zhang, M, Yang, L, Wang, L, Jiang, Y, Huang, Z, Zhao, Z et al. (2022). Trends in smoking prevalence in urban and rural China, 2007 to 2018: Findings from 5 consecutive nationally representative cross-sectional surveys. *PLoS Med*, 19(8), e1004064. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/36006870>

Liu, TY, Qiu, DC., Song, F, & Chen, T. (2022). Trends in Socio-economic Inequality in Smoking Among Middle-Aged and Older Adults in China: Evidence from the 2011 and 2018 China Health and Retirement Longitudinal Study. *Nicotine Tob Res*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/35764073>

Vallarta-Robledo, JR, Marques-Vidal, P, Sandoval, JL, De Ridder, D, Schaffner, E, Humair, JP et al (2022). The neighborhood environment and its association with the spatio-temporal footprint of tobacco consumption and changes in smoking-related behaviors in a Swiss urban area. *Health Place*, 76, 102845. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/35714460>

Leas, EC, Pierce, JP, & Satybaldiyeva, N. (2022). Place-based inequities in cigarette smoking across the USA. *Tob Control*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/35584902>

Jin, LTao, L, & Lao, X. (2022). Diverging Trends and Expanding Educational Gaps in Smoking in China. *Int J Environ Res Public Health*, 19(8). Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/35457786>

Takeuchi, H, Ide, K, Watanabe, R, Miyaguni, Y, & Kondo, K. (2022). Association between Increasing Social Capital and Decreasing Prevalence of Smoking at the Municipality Level: Repeated Cross-Sectional Study from the JAGES. *Int J Environ Res Public Health*, 19(8). Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/35457340>

Yuan, L., Liu, P., Zhao, Z., Wei, Z., Liu, L., & Sun, J. (2022). Cross-sectional survey on cigarette smoking in Chinese high-income areas. *BMJ Open*, 12(4), e056209. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/35487748>

Geboers, C, Shang, C, Nagelhout, GE, de Vries, H, van den Putte, B, Fong, GT et al. (2022). Demand for Factory-Made Cigarettes and Roll-Your-Own Tobacco and Differences Between Age and Socioeconomic Groups: Findings From the International Tobacco Control Netherlands Survey. *Nicotine Tob Res*, 24(4), 529-535. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/35231115>

Yang, L, Wu, H, Zhao, M, Magnussen, CG, & Xi, B. (2022). Prevalence and trends in tobacco use, secondhand smoke exposure at home and household solid fuel use among women in 57 low- and middle-income countries, 2000-2018. *Environ Int*, 161, 107142. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/35180671>

Gao, M, Lee, C, & Park, S. (2022). Gender, Tobacco control policies, and persistent smoking among older adults: A longitudinal analysis of 11 European countries. *Nicotine Tob Res*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/35092442>

Mahdaviazad, H, Foroutan, R, & Masoompour, SM. (2022). Prevalence of tobacco smoking and its socioeconomic determinants: Tobacco smoking and its determinants. *Clin Respir J*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/35060332>

Garcia, GAF, EKPD, SI, Giatti, L, & Barreto, SM. (2021). The intersection race/skin color and gender, smoking and excessive alcohol consumption: cross sectional analysis of the Brazilian National Health Survey, 2013. *Cad Saude Publica*, 37(11), e00224220. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/34877990>

Leventhal, AM, Dai, H, & Higgins, ST. (2021). Smoking Cessation Prevalence and Inequalities in the United States: 2014-2019. *J Natl Cancer Inst*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/34850047>

Datta, BK, Tiwari, A, & Garner, J. (2021). Child marriage and exposure to secondhand smoke among women of childbearing age: evidence from a nationally representative study in India. *Women Health*, 1-11. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/34839806>

Hassoy, H, Ergin, I, & Yazarbas, G. (2021). Trends in socioeconomic inequalities in smoking in Turkey from 2008 to 2016. *BMC Public Health*, 21(1), 2128. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/34800999>

Maksimov, SA, Shalnova, SA, Balanova, YA, Kutsenko, VA, Evstifeeva, SE, Imaeva, AE, & Drapkina, OM. (2021). What Regional Living Conditions Affect Individual Smoking of Adults in Russia. *Int J Public Health*, 66, 599570. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/34744565>

Gagne, T, Schoon, I, & Sacker, A. (2021). Has the distribution of smoking across young adult transition milestones changed over the past 20 years? Evidence from the 1970 British Cohort Study (1996) and Next Steps (2015-16). *SSM Popul Health*, 16, 100941. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/34712769>

Moradi, G, Goodarzi, E, & Khosravi, A. (2021). Socioeconomic inequalities in tobacco smoking in women aged 15-54 in Iran: a multilevel model. *J Prev Med Hyg*, 62(2), E555-E563. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/34604600>

Mills, SD, Hao, Y, Elliott, AM, & Wiesen, CA. (2021). State-Level Patterns and Trends in Cigarette Smoking Across Racial and Ethnic Groups in the United States, 2011-2018. *Prev Chronic Dis*, 18, E44. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/33964122>

Sanchez, M, Romano, E, Wang, W, Barton, A, Ali, B, Villalba, K, & Westick, A. (2021). Pre- and post-immigration factors associated with cigarette use among young adult recent Latinx immigrants during their initial year in the U.S. *Am J Drug Alcohol Abuse*, 1-10. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/34010583>

Wendt, A, Costa, CS, Costa, FS, Malta, DC, & Crochemore-Silva, I. (2021). [Time trend in inequalities in smoking and abusive alcohol consumption in Brazil's state capitals]. *Cadernos de Saúde Publica*, 37(4), e00050120. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/33852693>

Chen, DT, Millett, C, & Filippidis, FT. (2021). The association of migration with multiple tobacco product use among male adults in 15 low- and middle-income countries. *Eur J Public Health*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/33693613>

Martin Alvarez, JM, Barrientos Marin, J, & Millan, JM. (2021). The relationship between the socio-economic gradient and cigarette consumption in Spain. *Adicciones*, 0(0), 1403. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/33768258>

Yang, Y, Yang, XY, Yang, T, He, W, Peng, S, & Rockett, IR. (2021). Social deprivation and secondhand smoke exposure among urban male residents: A nationwide study in China. *Tob Induc Dis*, 19, 21. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/33767605>

Axelsson Fisk, S, Lindstrom, M, Perez-Vicente, R, & Merlo, J. (2021). Understanding the complexity of socioeconomic disparities in smoking prevalence in Sweden: a cross-sectional study applying intersectionality theory. *BMJ Open*, 11(2), e042323. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/33574148>

Lozano, P, & Homan, S. (2021). Disparities in Smoking Behavior by Race/Ethnicity in 10 Diverse Communities in Chicago: Findings from Sinai Community Health Survey 2.0. *J Immigr Minor Health*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/33608824>

Takakura, M, Miyagi, M, & Kyan, A. (2021). Time trends of socioeconomic inequalities in adolescent smoking in Okinawa, Japan, 2008-2016: a repeated cross-sectional study. *Environ Health Prev Med*, 26(1), 24. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/33596818>

Donfouet, HPP, Mohamed, SF, & Malin, E. (2021). Socioeconomic inequality in tobacco use in Kenya: a concentration analysis. *Int J Health Econ Manag*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/33394340>

Mlinaric, M, Kohler, E, Kunst, AE, Lorant, V, Rimpela, A, Hoffmann, L et al (2021). The association between migration and smoke-free families: how do migrants from different world regions compare? *Eur J Public Health*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/33403397>

Glenn, NM, Frohlich, KL, & Vallee, J. (2020). Socio-spatial inequalities in smoking among young adults: What a 'go-along' study says about local smoking practices. *Soc Sci Med*, 253, 112920. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/32240888>

Assari, S. (2019). Diminished Returns of Income Against Cigarette Smoking Among Chinese Americans. *J Health Econ Dev*, 1(2), 1-8. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/32195481>

Beard, E, Brown, J, Jackson, SE, West, R, Kock, L, Boniface, S, & Shahab, L. (2020). Independent associations between different measures of socioeconomic position and smoking status: A cross-sectional study of adults in England. *Nicotine Tob Res*. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/32026943>

Emamian, MH, Fateh, M, & Fotouhi, A. (2020). Socioeconomic inequality in smoking and its determinants in the Islamic Republic of Iran. *East Mediterr Health J*, 26(1), 29-38. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/32043543>

Sisti, JS, Jasek, JP, & Farley, SM. (2020). Heterogeneity in Current Cigarette Smoking among Hispanic/Latino Heritage Groups in New York City, 2003-2016. *Ethnicity and Disease*, 30(1), 97-108. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31969789>

Bandi, P, Chang, VW, Sherman, SE, & Silver, D. (2019). 24-Year trends in educational inequalities in adult smoking prevalence in the context of a national tobacco control program: The case of Brazil. *Prev Med*, 131, 105957. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31857097>

Disney, G, Gurrin, L, Aitken, Z, Emerson, E, Milner, A, Kavanagh, A, & Petrie, D. (2019). Hierarchical Models for International Comparisons: Smoking, Disability, and Social Inequality in 21 European Countries. *Epidemiology*. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31868828>

Montreuil, A, Wellman, RJ, & O'Loughlin, JL. (2019). Single-parent status and smoke-free home rules among daily smokers. *Can J Public Health*. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31858438>

Auguste, A, Dugas, J, Menvielle, G, Barul, C, Richard, JB, & Luce, D. (2019). Social distribution of tobacco smoking, alcohol drinking and obesity in the French West Indies. *BMC Public Health*, 19(1), 1424. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31666052>

Leite, A, Machado, A, Pinto, S, Nunes, B, & Matias Dias, C. (2019). Daily tobacco consumption and associated socioeconomic factors in the Portuguese population: National Health Interview Survey data 1987-2014. *Rev Port Cardiol*, 38(8), 583-593. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31679648>

Sreeramareddy, CT, & Harper, S. (2019). Trends in educational and wealth inequalities in adult tobacco use in Nepal 2001-2016: secondary data analyses of four Demographic and Health Surveys. *BMJ Open*, 9(9), e029712. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31494612>

Sarkar, A, Roy, D, & Nongpiur, A. (2019). A population-based study on tobacco consumption in urban slums: Its prevalence, pattern, and determinants. *J Family Med Prim Care*, 8(3), 892-898. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31041220>

Ziller, EC, Lenardson, JD, Paluso, NC, Talbot, JA, & Daley, A. (2019). Rural-Urban Differences in the Decline of Adolescent Cigarette Smoking. *Am J Public Health*, e1-e3. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/30897002>

Abachizadeh, K, Ekhtiari, YS, & Kolahi, AA. (2018). Smoking Pattern and Associated Sociodemographic Factors: Findings from a Nationwide STEPS Survey in Iran. *Int J Prev Med*, 9, 105. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/30622688>

Alkan, O, & Abar, H. Determination of factors influencing tobacco consumption in Turkey using categorical data analyses(1). *Arch Environ Occup Health*, 2019. 1-9. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/30652517>

Chisha, Z, Nwosu, CO, & Ataguba, JE. Decomposition of socioeconomic inequalities in cigarette smoking: the case of Namibia. *Int J Equity Health*, 2019. 18(1), 6. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/30634985>

Khlat, M, Legleye, S, & Bricard, D. Migration-related changes in smoking among non-Western immigrants in France. *Eur J Public Health*, 2018. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/30398617>

News reports:

Galvin G. 'Uneven progress' in u.S. Smoking decline. *US News*, 2018. Available from: <https://www.usnews.com/news/best-states/articles/2018-01-24/smoking-rates-declining-but-uneven-progress-in-us>

Burns J. Lifespan gap 'widening between rich and poor'. *BBC News*, 2016. Available from: <http://www.bbc.com/news/education-36170289>

McCarthy M. Data from the cbrc victorian smoking and health population survey, Michelle Scollo Tobacco Control Unit The Cancer Council Victoria, Editor 2008, Centre for Behavioural Research in Cancer: Melbourne.

Australian Bureau of Statistics. Prevalence of current smoking, australia 1989-90 to 2004-05, Michelle Scollo The Cancer Council Victoria, Editor 2008, The Cancer Council Victoria: Melbourne.

Proceedings. in *12th National Health Promotion Conference, Inequalities in Health- Reflecting Back, Stepping Forward*. Melbourne. Australian Health Promotion Association; 2000. Available from: <http://www.icms.com.au/health/default.asp>.

9.2.1 Changes in the prevalence of smoking among adults in various socio-economic groups

9.2.1.1 Trends over time in smoking and socioeconomic status

9.2.1.2 Trends over time in smoking and formal education

9.2.1.3 Trends over time in smoking and employment status

Action on Smoking and Health. (2020). *Smoking, Employability, and Earnings*. Retrieved from

UK: <https://ash.org.uk/wp-content/uploads/2020/09/SmokingEmployability.pdf>

9.2.1.4 Trends over time in smoking and occupation level (blue vs. white collar)

9.2.2 Differential uptake or differential cessation?

9.2.3 Changes in consumption of cigarettes

9.2.3.1 Trends over time in consumption and socioeconomic status

9.2.3.2 Trends over time in consumption and formal education

9.2.3.3 Trends over time in consumption and employment status

9.2.3.4 Trends over time in consumption and occupational level

9.2.4 Changes in the prevalence of smoking among students in schools in areas of varying levels of disadvantage

9.2.5 Changes in childhood exposure to smoking in the household

9.2.6 International comparisons

No authors listed. Further drop in percentage of scots who smoke. BBC News, 2015. Available from:

<http://www.bbc.com/news/uk-scotland-scotland-politics-34064302>