

Tobacco in Australia

Facts & Issues

Relevant news and research

9.3 Contributions of smoking to health inequality

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Research:

Ismail, A, Hamdar, L, Dirawi, H, Kanso, M, Salem, I, Tamim, H et al. (2024). Predictors and health outcomes of cigarette and shisha smoking among men in Gaza: a cross-sectional study. *Sci Rep*, 14(1), 19617. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/39179686>

Warner, FE, Sherriff, A, Culshaw, S, Holliday, R, Ryan, V, & Conway, DI. (2024). Trends and socioeconomic inequalities in the dental attendance of adult smokers in Scotland from 2009 to 2019, a repeated cross-sectional study. *BMC Public Health*, 24(1), 2156. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/39118032>

John, RM, & Dauchy, EP. (2024). A Quantitative Exploration of the Influence of Tobacco Use on Poverty in India. *Nicotine Tob Res*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/38856040>

Garduno-Alanis, A, Contreras-Manzano, A, Salgado, JC, Lamadrid-Figueroa, H, Curi-Quinto, K, & Barquera, S. (2024). A high density of ultra-processed food, alcohol & tobacco retail stores, and social inequalities are associated with higher mortality rates of non-communicable diseases in Mexican adults: 2005 to 2021. *PLoS One*, 19(4), e0301387. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/38598474>

Lin, W. (2023). Disparities in Healthcare and HBV Vaccination by Smoking Status: Findings from the National Health and Nutrition Examination Survey (NHANES) 2017-2018. *Healthcare (Basel)*, 12(1). Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/38200947>

Gonzalez Ruiz, LM, Mondragon Marquez, LI, Dominguez Bueso, DL, & Liu, JJ. (2023). Prevalence of Current Cigarette Smoking by Sociodemographic Characteristics in U.S. Cancer Survivors. *Subst Use Misuse*, 1-8. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/37970728>

Creavin, A, Creavin, S, Kenward, C, Sterne, J, & Williams, J. (2023). Inequality in uptake of bowel cancer screening by deprivation, ethnicity and smoking status: cross-sectional study in 86 850 citizens. *J Public Health (Oxf)*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/37738548>

Mhereeg, M, Jones, H, Kennedy, J, Seaborne, M, Parker, M, Kennedy, N et al. (2023). COVID-19 vaccination in pregnancy: the impact of multimorbidity and smoking status on vaccine hesitancy, a cohort study of 25,111 women in Wales, UK. *BMC Infect Dis*, 23(1), 594. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/37697235>

Bello, MS, Zhang, Y, Cho, J, Kirkpatrick, MG, Pang, RD, Oliver, JA et al. (2023). Nicotine deprivation amplifies attentional bias toward racial discrimination stimuli in African American adults who smoke cigarettes. *Exp Clin Psychopharmacol*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/37535524>

McLaughlin, J, Elsey, J, Kipping, R, Owen-Smith, A, Judge, A, & McLeod, H. (2023). Access to hip and knee arthroplasty in England: commissioners' policies for body mass index and smoking status and implications for integrated care systems. *BMC Health Serv Res*, 23(1), 77. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/36694173>

- Torrence, C, Truong, K, & Sivaraj, LBM. (2022). Healthcare Utilization and Smoking among South Carolina's Long-Term Uninsured. *Healthcare (Basel)*, 10(6). Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/35742129>
- Yang, S, Geller, A, Baciu, A, Akman, A, Aune, M, Bailey, R et al. (2022). Sixth Annual DC Public Health Case Challenge - Reducing Disparities in Cancer and Chronic Disease: Preventing Tobacco Use in African American Adolescents. *NAM Perspect*, 2022. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/35402856>
- Belz, DC, Woo, H, Putcha, N, Paulin, LM, Koehler, K, Fawzy, A et al. (2022). Ambient ozone effects on respiratory outcomes among smokers modified by neighborhood poverty: An analysis of SPIROMICS AIR. *Sci Total Environ*, 829, 154694. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/35318050>
- Garg, R, Croston, MA, Thompson, T, McQueen, A, & Kreuter, MW. (2022). Correlates of smoking discarded cigarettes in a sample of low-income adults. *Addict Behav*, 128, 107237. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/35074637>
- Mahabee-Gittens, EM, Smith, HA, & Merianos, AL. (2022). Disparities in dental health issues and oral health care visits in US children with tobacco smoke exposure. *J Am Dent Assoc*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/35078590>
- Oyapero, A, Erinoso, O, & Olatosi, OO. (2021). Second-Hand Tobacco Smoke Exposure in Children: A Neglected Driver of Health Disparities and Social Injustice in Nigeria. *West Afr J Med*, 38(12), 1216-1223. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/35037624>
- Wu, DC, Shannon, G, Reynales-Shigematsu, LM, Saenz de Miera, B, Llorente, B, & Jha, P. (2021). Implications of household tobacco and alcohol use on child health and women's welfare in six low and middle-income countries: An analysis from a gender perspective. *Soc Sci Med*, 281, 114102. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/34118685>
- Bloom, EL, Bogart, A, Dubowitz, T, Collins, RL, Ghosh-Dastidar, B, Gary-Webb, TL, & Troxel, W. (2021). Longitudinal Associations Between Changes in Cigarette Smoking and Alcohol Use, Eating Behavior, Perceived Stress, and Self-Rated Health in a Cohort of Low-Income Black Adults. *Ann Behav Med*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/33970236>
- The Lancet Respiratory, M. (2021). Pandemic fans the flames of smoking and health inequity. *Lancet Respir Med*, 9(5), 435. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/33844994>
- Jackson, SE, Paul, E, Brown, J, Steptoe, A, & Fancourt, D. (2021). Negative vaccine attitudes and intentions to vaccinate against Covid-19 in relation to smoking status: a population survey of UK adults. *Nicotine Tob Res*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/33751125>
- Marbin, J, Balk, SJ, Gribben, V, Groner, J, & Section On Tobacco, C. (2021). Health Disparities in Tobacco Use and Exposure: A Structural Competency Approach. *Pediatrics*, 147(1). Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/33386342>
- Giraldo-Osorio, A, Moreira, RDS, Albuquerque Neto, P, Santiago-Perez, MI, Rey, J, Mourino, N et al. (2020). Mortality attributed to tobacco consumption in Brazil, 2016. *Rev Bras Epidemiol*, 24, e210007. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/33331414>

Glei, D. A., Lee, C., & Weinstein, M. (2020). Socioeconomic disparities in U.S. mortality: The role of smoking and alcohol/drug abuse. *SSM Popul Health*, 12, 100699. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/33335972>

Jeon, CY, Feldman, R, Pendergast, FJ, AlKaade, S, Brand, RE, Guda, N et al (2020). Divergent trends in lifetime drinking and smoking between Black and White Americans diagnosed with chronic pancreatitis. *Pancreatology*, 20(8), 1667-1672. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/33132046>

Kingsbury, JH, D'Silva, J, O'Gara, E, Parks, MJ, & Boyle, RG. (2020). How Much Progress Have We Made? Trends in Disparities in Tobacco Use. *Prev Chronic Dis*, 17, E107. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/32945768>

Nyakutsikwa, B, Britton, J, & Langley, T. (2020). The effect of tobacco and alcohol consumption on poverty in the UK. *Addiction*. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/32335947>

Adie, Y, Kats, DJ, Tlimat, A, Perzynski, A, Dalton, J, Gunzler, D, & Tarabichi, Y. (2019). Neighborhood Disadvantage and Lung Cancer Incidence in Ever-Smokers at a Safety-Net Healthcare System: A Retrospective Study. *Chest*. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31862438>

Antonio, RL, & Pompeia, S. (2019). A fractionated analysis of hot and cool self-regulation in cigarette smokers from different socioeconomic backgrounds. *PLoS One*, 14(8), e0220222. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31430293>

Udell, JA. (2019). Socioeconomics and Atherosclerosis: Where There's Smoke, There's Fire. *J Am Coll Cardiol*, 74(4), 536-537. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31345428>

Pourmoghdas, A. Association of socioeconomic status and hypertension based on habitual smoking among Iranian population: IHHP study. *Acta Biomed*, 2019. 89(4), 498-504. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/30657118>

Lowe, KE, Make, BJ, Crapo, JD, Kinney, GL, Hokanson, JE, Kim, V et al. Association of low income with pulmonary disease progression in smokers with and without chronic obstructive pulmonary disease. *ERJ Open Res*, 2018. 4(4). Available from: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6230816/pdf/00069-2018.pdf>

de Mestral, C, Bell, S, Stamatakis, E, Batty, GD. Testing differential associations between smoking and chronic disease across socioeconomic groups: pooled data from 15 prospective studies. *Epidemiology*, Sept 2018. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/30247206>

Sheffer, CE, Webb Hooper, M, Ostroff, JS. Commentary: Educational and Clinical Training for Addressing Tobacco-Related Cancer Health Disparities. *Ethn Dis*. 2018 Jul 12;28(3):187-192. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/30038480>

Webb Hooper, M. Editorial: Preventing Tobacco-Related Cancer Disparities: A Focus on Racial/Ethnic Minority Populations. *Ethn Dis*. 2018 Jul 12;28(3):129-132. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/30038472>

Blakely, T, Disney, G, Valeri, L, Atkinson, J, Teng, A, Wilson, N, Gurrin, L. Socio-economic and tobacco mediation of ethnic inequalities in mortality over time: Repeated census-mortality cohort studies, 1981 to 2011. *Epidemiology*, 2018. Available from:

<https://www.ncbi.nlm.nih.gov/pubmed/29642084>

Menvielle, G, Kulhanova, I, Bryere, J, Launoy, G, Eilstein, D, Delpierre, C, Soerjomataram, I. Tobacco-attributable burden of cancer according to socioeconomic position in France. *Int J Cancer*, 2018.

Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29457849>

Najder, A. Sense of Coherence, Smoking Status, Biochemical Cardiovascular Risk Factors and Body Mass in Blue Collar Workers-Short Report. *Am J Mens Health*. 2018 Jan 1:1557988317748393.

Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29313407>

Ostergren, O, Martikainen, P, Lundberg, O. The contribution of alcohol consumption and smoking to educational inequalities in life expectancy among Swedish men and women during 1991-2008. *Int J Public Health*. 2017 Aug 23. doi: 10.1007/s00038-017-1029-7. Available from:

<https://www.ncbi.nlm.nih.gov/pubmed/28835983>

Perry, DC, Thomson, C, Pope, D, Bruce, CE, Platt, MJ. A case control study to determine the association between Perthes' disease and the recalled use of tobacco during pregnancy, and biological markers of current tobacco smoke exposure. *Bone Joint J*. 2017 Aug;99-B(8):1102-1108.

Available from: <https://www.ncbi.nlm.nih.gov/pubmed/28768789>

US National Cancer Institute. A Socioecological Approach to Addressing Tobacco-Related Health Disparities. Available from: <https://cancercontrol.cancer.gov/brp/tcrb/monographs/22/index.html>

Lortet-Tieulent, J, Kulhanova, I, Jacobs, EJ, Coebergh, JW, Soerjomataram, I, Jemal, A. Cigarette smoking-attributable burden of cancer by race and ethnicity in the United States. *Cancer Causes Control*, 2017. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/28748344>

Lewer, D, McKee, M, Gasparrini, A, Reeves, A, de Oliveira, C. Socioeconomic position and mortality risk of smoking: evidence from the English Longitudinal Study of Ageing (ELSA). *Eur J Public Health*, 2017. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/28481981>

Rigotti, NA, Kalkhoran, S. Reducing Health Disparities by Tackling Tobacco Use. *J Gen Intern Med*, 2017. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/28653234>

Sherratt, FC, Field, JK, Marcus, MW. Association between smoking and health outcomes in an economically deprived population: the Liverpool Lung Project. *J Epidemiol Community Health*. 2017 Apr 17. pii: jech-2016-208730. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/28416569>

Chung, JH, Kim, SH, Lee, YW. Suicidal ideation and suicide attempts among asthma. *Ann Gen Psychiatry*. 2016 Nov 29;15:35. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/27956934>

Singer, S, Bartels, M, Briest, S, Eienkel, J, Niederwieser, D, Papsdorf, K, Stolzenburg, JU, Kunstler, S, Taubenheim, S, Krauss, O. Socio-economic disparities in long-term cancer survival-10 year follow-up with individual patient data. *Support Care Cancer*, Dec 2016. Available from:

<http://www.ncbi.nlm.nih.gov/pubmed/27942934>

Henley, SJ, Thomas, CC, Sharapova, SR, Momin, B, Massetti, GM, Winn, DM, Armour, BS, Richardson, LC. Vital signs: Disparities in tobacco-related cancer incidence and mortality - United States, 2004-2013. *MMWR Morb Mortal Wkly Rep*. 2016 Nov 11;65(44):1212-1218. Available from:

<https://www.ncbi.nlm.nih.gov/pubmed/27832048>

Simmons, VN, Pineiro, B, Hooper, MW, Gray, JE, Brandon, TH. Tobacco-related health disparities across the cancer care continuum. *Cancer Control*. 2016 Oct;23(4):434-441. Available from:

<https://www.ncbi.nlm.nih.gov/pubmed/27842333>

Ribisl, KM, Luke, DA, Henriksen, L. The case for a concerted push to reduce place-based disparities in smoking-related cancers. The case for a concerted push to reduce place-based disparities in smoking-related cancers. *JAMA Intern Med*, Oct 2016. Available from:

<http://www.ncbi.nlm.nih.gov/pubmed/27775767>

Bird, Y, Lemstra, M, Rogers, M. The effects of household income distribution on stroke prevalence and its risk factors of high blood pressure and smoking: a cross-sectional study in Saskatchewan, Canada. *Perspect Public Health*, 2016. Available from:

<http://www.ncbi.nlm.nih.gov/pubmed/27421275>

Gregoraci, G, van Lenthe, FJ, Artnik, B, Bopp, M, Deboosere, P, Kovacs, K, Looman, CW, Martikainen, P et al. Contribution of smoking to socioeconomic inequalities in mortality: a study of 14 European countries, 1990-2004. *Tobacco Control*, 2016. Apr 27, 2016. Available from:

<http://tobaccocontrol.bmj.com/content/early/2016/04/27/tobaccocontrol-2015-052766.abstract?paper=1>

Hibbs, S, Rankin, KM, David, RJ, Collins, JW, Jr. The relation of neighborhood income to the age-related patterns of preterm birth among white and African-American women: The effect of cigarette smoking. *Matern Child Health J*, 2016. Available from:

<http://www.ncbi.nlm.nih.gov/pubmed/26979615>

Connor, AE et al. Cigarette smoking and breast cancer risk in Hispanic and non-Hispanic white women: The Breast Cancer Health Disparities study. *J Womens Health (Larchmt)*, 2015. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/26682495>

Alves, J. Socio-economic inequalities in tobacco-related diseases in Portugal: an ecological approach. *Public Health*, 2015. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/26427313>

Braciszewski, JM, Colby, SM. Tobacco use among foster youth: evidence of health disparities. *Child Youth Serv Rev*, Nov 2015. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/26478645>

Lewis, AJ. Commentary on Leung et al. (2015): Inequalities in mental health begin in utero - the case of prenatal tobacco exposure. *Addiction*, Nov 2015. Available from:

<http://www.ncbi.nlm.nih.gov/pubmed/26471161>

Ho, JY, Fenon, A. The contribution of smoking to educational gradients in U.S. life expectancy. *Journal of Health and Social Behavior*, 2015. Available from:

<http://www.ncbi.nlm.nih.gov/pubmed/26199287>

Garrett BE, Dube SR, Babb S, and McAfee T. Addressing the Social Determinants of Health to Reduce Tobacco-Related Disparities. *Nicotine Tob Res*, 2014. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/25516538>

Bronnum-Hansen H and Jeune B. Gender-specific modifying effect on the educational disparities in the impact of smoking on health expectancy. *Eur J Public Health*, 2014. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/25395399>

Haibach JP, Homish GG, Collins RL, Ambrosone CB, and Giovino GA. An Evaluation of Fruit and Vegetable Consumption and Cigarette Smoking Among Youth. *Nicotine Tob Res*, 2014. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/25335946>

9.3.2 Socio-economic position and illnesses known to be caused by smoking

Cordoba-Dona, JA, Benitez-Rodriguez, E, Escolar-Pujolar, A, & Santos-Sanchez, V. (2023). Age-period-cohort analysis of lung cancer mortality inequalities in Southern Spain: missed opportunities for implementing equitable tobacco control policies. *Int J Equity Health*, 22(1), 132. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/37438851>

Madani, NA, & Carpenter, DO. (2023). Patterns of Emergency Room Visits for Respiratory Diseases in New York State in Relation to Air Pollution, Poverty and Smoking. *Int J Environ Res Public Health*, 20(4). Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/36833962>

Payne, NWS, Brown, KF, Delon, C, Kotrotsios, Y, Soerjomataram, I, & Shelton, J. (2022). Socio-economic deprivation and cancer incidence in England: Quantifying the role of smoking. *PLoS One*, 17(9), e0272202. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/36129905>

Madero-Cabib, I, Azar, A, & Bambs, C. (2021). Lifetime employment, tobacco use, and alcohol consumption trajectories and cardiovascular diseases in old age. *SSM Popul Health*, 13, 100737. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/33553569>

Rehkopf, DH, Rodriguez, D, Cress, R, Braithwaite, D, Oakley-Girvan, I, West, D, & Hiatt, RA. (2019). Socioeconomic gradients in cancer incidence by race and ethnicity in California, 2008-2012: the influence of tobacco use or screening detectable cancers. *Cancer Causes Control*. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31065915>

9.3.3 Socio-economic disparities in death rates from diseases known to be caused by smoking

De Silva, R, Silva, D, Piumika, L, Abeysekera, I, Jayathilaka, R, Rajamanthri, L, & Wickramaarachchi, C. (2024). Impact of global smoking prevalence on mortality: a study across income groups. *BMC Public Health*, 24(1), 1786. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/38965521>

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>

Rosella, LC, & Buajitti, E. (2024). Risk of premature mortality due to smoking, alcohol use, obesity and physical activity varies by income: A population-based cohort study. *SSM Popul Health*, 25, 101638. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/38426028>

Prado-Galbarro, FJ, Sanchez-Piedra, C, & Martinez-Nunez, JM. (2023). Effect of prevalence of alcohol consumption and tobacco use in Mexican municipalities on early childhood development. *Cad Saude Publica*, 39(12), e00112422. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/38088737>

Jensen, HAR, Moller, SR, Christensen, AI, Davidsen, M, Juel, K, & Petersen, CB. (2023). Trends in social inequality in mortality in Denmark 1995-2019: the contribution of smoking- and alcohol-related deaths. *J Epidemiol Community Health*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/37451846>

Liu, Y, Zhao, YC, Lu, Y, Goodarz, D, & Gershman, B. (2023). The role of smoking in explaining racial/ethnic disparities in bladder cancer incidence in the United States. *Urol Oncol*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/36849327>

Kazmer, L, & Brabec, M. (2022). The geographical epidemiology of smoking-related premature mortality: A registry-based small-area analysis of the Czech death statistics. *Spat Spatiotemporal Epidemiol*, 41, 100501. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/35691639>

Long, D, Mackenbach, J, Martikainen, P, Lundberg, O, Bronnum-Hansen, H, Bopp, M et al (2021). Smoking and inequalities in mortality in 11 European countries: a birth cohort analysis. *Popul Health Metr*, 19(1), 3. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/33516235>

Van Hemelrijck, WMJ, Vandenheede, H, & de Valk, HAG. (2021). Neighbourhood migrant composition and tobacco-related cancer mortality: A census-linked study among five origin groups in urban Belgium. *Health Place*, 68, 102514. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/33571898>

Dover, AR, Strachan, MWJ, McKnight, JA, Stimson, RH Mackenzie, SD, Lyall, MJ et al (2020). Socioeconomic deprivation, technology use, C-peptide, smoking and other predictors of glycaemic control in adults with type 1 diabetes. *Diabet Med*, e14445. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/33128811>

Lutter, JI, Jorres, RA, Welte, T, Watz, H, Waschki, B, Alter, P et al (2020). Impact of Education on COPD Severity and All-Cause Mortality in Lifetime Never-Smokers and Longtime Ex-Smokers: Results of the COSYCONET Cohort. *Int J Chron Obstruct Pulmon Dis*, 15, 2787-2798. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/33177816>

Walsh, M, & Wright, K. (2020). Ethnic inequities in life expectancy attributable to smoking. *N Z Med J*, 133(1509), 28-38. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/32027636>

Diderichsen, F, Andersen, I, Lange, T, & Rod, NH. (2019). Re: Testing Differential Associations Between Smoking and Chronic Disease Across Socioeconomic Groups. *Epidemiology*, 30(6), e38-e39. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31567391>

Klassen, AC, Hsieh, S, Pankiewicz, A, Kabbe, A, Hayes, J, & Curriero, F. (2019). The association of neighborhood-level social class and tobacco consumption with adverse lung cancer characteristics in Maryland. *Tob Induc Dis*, 17, 06. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31582918>

Scott, GM, Best, C, Fung, K, Gupta, M, Sommer, DD, Szeto, C, & Micomonaco, DC. (2019). Impact of marginalization on tobacco use in individuals diagnosed with head and neck Cancer. *J Otolaryngol Head Neck Surg*, 48(1), 54. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31582918>

Ostergren, O, Martikainen, P, Tarkiainen, L, Elstad, JI, & Bronnum-Hansen, H. Contribution of smoking and alcohol consumption to income differences in life expectancy: evidence using Danish, Finnish, Norwegian and Swedish register data. *J Epidemiol Community Health*, 2019. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/30674585>

Koch, MB et al. What is the association of smoking and alcohol use with the increase in social inequality in mortality in Denmark? A nationwide register-based study. *BMJ Open*, 2015. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/25967987>

9.3.4 Socio-economic disparities in health-adjusted life expectancy

Junna, LM, Tarkiainen, L, Ostergren, O, Jasilionis, D, & Martikainen, P. (2020). Exploring the longevity advantage of doctorates in Finland and Sweden: The role of smoking- and alcohol-related causes of death. *Scand J Public Health*, 1403494820969541. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/33176584>

9.3.5 Quantifying the contribution of smoking to socio-economic differentials in health status

Hovanec, J, Kendzia, B, Olsson, A, Schuz, J, Kromhout, H, Vermeulen, R et al (2024). Socioeconomic status, smoking, and lung cancer: mediation and bias analysis in the SYNERGY study. *Epidemiology*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/39435907>

9.3.6 Are tobacco-related differentials in health status widening?

Delile, JM. (2024). [Tobacco and precariousness: The central issue of access to care]. *Sante Publique*, 35(5), 69-80. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/38172051>

Wiener, RC, & Patel, JS. (2023). Oral and oropharyngeal cancer screening and tobacco cessation discussions, NHANES 2011-2018. *Community Dent Oral Epidemiol*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/37853992>

Maciosek, MV, Donovan, EM, LaFrance, AB, & Schillo, BA. (2023). Illuminating a Path Forward for Tobacco Nation: Projected Impacts of Recommended Policies on Geographic Disparities. *Tob Use Insights*, 16, 1179173X231182473. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/37736025>

News reports:

U.S. Department of Health and Human Services. (2024). *Eliminating Tobacco-Related Disease and Death: Addressing Disparities—A Report of the Surgeon General: Executive Summary*. Retrieved from Atlanta, GA: <https://www.hhs.gov/surgeongeneral/reports-and-publications/tobacco/index.html>

No authors listed. Smoking reduces increase in life expectancy for less educated women. Medical Xpress, 2017. Dec 11, 2017. Available from: <https://medicalxpress.com/news/2017-12-life-women.html>

Han, Esther. Heart Foundation data shows which groups have the healthiest hearts in Australia. The Sydney Morning Herald, 2017. Oct 10, 2017. Available from: <http://www.smh.com.au/nsw/heart-foundation-data-shows-which-groups-have-the-healthiest-hearts-in-australia-20171009-gyx598.html>

No authors listed. Scottish cancer death rates 61% higher among poor. BBC, 2017. Oct 31, 2017. Available from: <http://www.bbc.com/news/uk-scotland-41817830>

No authors listed. Cancer Mortality, 2017. NHS Scotland, 2017. Oct 31, 2017. Available from: <http://www.isdscotland.org/Health-Topics/Cancer/Publications/>

No authors listed. 3 takeaways from the National Cancer Institute report on tobacco-related health disparities. Truth Initiative (American Legacy Foundation), 2017. Sept 14, 2017. Available from: <https://truthinitiative.org/news/3-takeaways-national-cancer-institute-report-tobacco-related-health-disparities>

No authors listed. Monograph 22: A Socioecological Approach to Addressing Tobacco-Related Health Disparities. National Cancer Institute, 2017. Sept 12, 2017. Available from: <https://cancercontrol.cancer.gov/brp/tcrb/monographs/22/index.html>

No authors listed. Social Health Atlases. PHIDU, Torrens University Australia, July 2017. Available from: <http://phidu.torrens.edu.au/social-health-atlases>

Gregoraci, G, van Lenthe, FJ, Artnik, B, Bopp, M, Deboosere, P, Kovacs, K, Looman, CW, Martikainen, P et al. Contribution of smoking to socioeconomic inequalities in mortality: a study of 14 European countries, 1990-2004. Tobacco Control, 2016. Apr 27, 2016. Available from: <http://tobaccocontrol.bmj.com/content/early/2016/04/27/tobaccocontrol-2015-052766.abstract?papetoc>

No authors listed. Rising cancer rates in low and middle income countries threaten economic stability. Medical News Today, 2015. Oct 2, 2015. Available from: <http://www.medicalnewstoday.com/releases/300398.php?tw>

Lomborg, Bjorn. The spread of western disease: 'The poor are dying more and more like the rich'. The Guardian, 2015. Mar 2, 2015. Available from: <http://www.theguardian.com/global/2015/mar/02/stroke-heart-disease-attack-cancer-developing-countries>

9.3.2 Socio-economic position and illnesses known to be caused by smoking

Cancer Research UK. England: Smoking responsible for twice as many cancers in most deprived groups. Aug 3, 2021. Retrieved from <https://news.cancerresearchuk.org/2021/08/03/england-smoking-responsible-for-twice-as-many-cancers-in-most-deprived-groups/>

Henley, SJ, Thomas, CC, Sharapova, SR, Momin, B, Massetti, GM, Winn, DM, Armour, BS and Richardson, LC. Vital signs: disparities in tobacco-related cancer incidence and mortality - United States, 2004-2013. MMWR Morb Mortal Wkly Rep. 2016 Nov 11;65(44):1212-1218. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/27832048>

9.3.3 Socio-economic disparities in death rates from diseases known to be caused by smoking

No authors listed. Early death 'twice as likely' in most deprived parts of England. Spectator Health, 2018. Oct 26, 2018. Available from <https://health.spectator.co.uk/early-death-twice-as-likely-in-most-deprived-parts-of-england/>

Harris, Ben and Calder, Rosemary. Low-income earners are more likely to die early from preventable diseases. The Conversation, 2017. Nov 28, 2017. Available from: <https://theconversation.com/low-income-earners-are-more-likely-to-die-early-from-preventable-diseases-87676>

Tavernise, Sabrina. Disparity in life spans of the rich and the poor is growing. New York Times, 2016. Feb 12, 2016. Available from: http://www.nytimes.com/2016/02/13/health/disparity-in-life-spans-of-the-rich-and-the-poor-is-growing.html?emc=edit_tnt_20160212&nliid=60534081&tntemail0=y&r=2

9.3.5 Quantifying the contribution of smoking to socio-economic differentials in health status

Luscombe, Richard. Life expectancy gap between rich and poor US regions is 'more than 20 years'. The Guardian, 2017. May 8, 2017. Available from: <https://www.theguardian.com/inequality/2017/may/08/life-expectancy-gap-rich-poor-us-regions-more-than-20-years>