

# Tobacco in Australia

## Facts & Issues

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### Relevant news and research

#### 6.13 Addiction and the adolescent smoker

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#### Research:

Mittal, S, Komiyama, M, Ozaki, Y, Yamakage, H, Satoh-Asahara, N, Wada, H et al. (2024). Impact of smoking initiation age on nicotine dependency and cardiovascular risk factors: a retrospective cohort study in Japan. *Eur Heart J Open*, 4(1), oead135. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/38250139>

Guo, Y. (2023). Nicotine dependence affects cardiopulmonary endurance and physical activity in college students in Henan, China. *Tob Induc Dis*, 21, 86. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/37360041>

Gazula, H, Rootes-Murdy, K, Holla, B, Basodi, S, Zhang, Z, Verner, E et al. (2022). Federated Analysis in COINSTAC Reveals Functional Network Connectivity and Spectral Links to Smoking and Alcohol Consumption in Nearly 2,000 Adolescent Brains. *Neuroinformatics*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/36434478>

Mahajan, SD, Homish, GG, & Quisenberry, A. (2021). Multifactorial Etiology of Adolescent Nicotine Addiction: A Review of the Neurobiology of Nicotine Addiction and Its Implications for Smoking Cessation Pharmacotherapy. *Front Public Health*, 9, 664748. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/34291026>

Dieleman, J, Sescousse, G, Kleinjan, M, Otten, R, & Luijten, M. (2021). Investigating the association between smoking, environmental tobacco smoke exposure and reward-related brain activity in

adolescent experimental smokers. *Addict Biol*, e13070. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/34263512>

Mohd Radzi, NA, Saub, R, Mohd Yusof, ZY, Dahlui, M, & Sujak, SL. (2021). Nicotine Dependence among Adolescents Single and Dual Cigarette Users. *Children (Basel)*, 8(2). Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/33672960>

Chellian, R, Behnoor-Rod, A, Wilson, R, Kamble, SH, Sharma, A, McCurdy, CR, & Bruijnzeel, A. W. (2020). Adolescent nicotine and tobacco smoke exposure enhances nicotine self-administration in female rats. *Neuropharmacology*, 108243. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/32681850>

Kumar, N, Puljevic, C, Ferris, J, Winstock, A, & Barratt, MJ. (2020). Author Correction: The intersection between spliff usage, tobacco smoking, and having the first joint after waking. *Sci Rep*, 10(1), 11100. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/32632223>

Xue, W, Lopez-Quintero, C, & Anthony, JC. (2020). 'Time to first tobacco cigarette soon after waking' occurs more often among underage newly incident smokers in the United States, 2004-2017. *Addict Behav*, 111, 106535. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/32712495>

Dukes, AJ, Fowler, JP, Lallai, V, Pushkin, AN, & Fowler, CD. (2020). Adolescent Cannabinoid and Nicotine Exposure Differentially Alters Adult Nicotine Self-Administration in Males and Females. *Nicotine Tob Res*. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/32396625>

Kumar, M, Adeluyi, A, Anderson, EL, & Turner, JR. (2020). Glial cells as therapeutic targets for smoking cessation. *Neuropharmacology*, 108157. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/32461156>

Mesidor, M, Sylvestre, MP, Minoyan, N, & O'Loughlin, J. (2020). Cigarette smoking and nicotine dependence trajectories among incident adolescent smokers. *Nicotine and Tobacco Research*. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31970408>

Chaarani, B, Kan, KJ, Mackey, S, Spechler, PA, Potter, A, Orr, C et al (2019). Low Smoking Exposure, the Adolescent Brain, and the Modulating Role of CHRNA5 Polymorphisms. *Biol Psychiatry Cogn Neurosci Neuroimaging*. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31072760>

Bahelah R, Ward KD, Ben Taleb Z, DiFranza JR, Eissenberg T, et al. Determinants of progression of nicotine dependence symptoms in adolescent waterpipe smokers. *Tob Control*, 2018. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29895703>

Siqueira LM. Nicotine and Tobacco as substances of abuse in children and adolescents. *Pediatrics*, 2017; 139(1). Available from: <http://www.ncbi.nlm.nih.gov/pubmed/27994114>

Birge M, Duffy S, Miler JA, and Hajek P. What proportion of people who try one cigarette become daily smokers? A meta-analysis of representative surveys. *Nicotine & Tobacco Research*, 2017:ntx243. Available from: <http://dx.doi.org/10.1093/ntr/ntx243>

Bi Y, Zhang Y, Li Y, Yu D, Yuan K, et al. 12h abstinence-induced right anterior insula network pattern changes in young smokers. *Drug Alcohol Depend*, 2017; 176:162-8. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/28544994>

Antognoli E, Cavallo D, Trapl E, Step M, Koopman Gonzalez S, et al. Understanding nicotine dependence and addiction among young adults who smoke cigarillos: A qualitative study. Nicotine Tob Res, 2017. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/28184877>

US Department of Health and Human Services, *The health consequences of smoking—50 years of progress : A report of the surgeon general*. Atlanta, GA: US Department of Health and Human Services, Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion, Office on Smoking and Health; 2014. Available from: <http://www.surgeongeneral.gov/library/reports/50-years-of-progress/full-report.pdf>.

Haberstick B, Ehringer M, Lessem J, Hopfer C, and Hewitt J. Dizziness and the genetic influences on subjective experiences to initial cigarette use. Addiction, 2011; 106(2):391-9. Available from: <http://onlinelibrary.wiley.com/doi/10.1111/j.1360-0443.2010.03133.x/full>

Ursprung WW and DiFranza JR. The loss of autonomy over smoking in relation to lifetime cigarette consumption. Addictive Behaviors, 2010; 35(1):14-8. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/19717241>

Soteriades E, Spanoudis G, Talias M, Warren C, and DiFranza J. Children's loss of autonomy over smoking: The global youth tobacco survey. Tobacco Control, 2010; [Epub ahead of print]. Available from: <http://tobaccocontrol.bmjjournals.org/content/early/2010/11/25/tc.2010.036848.full.pdf>

Rose J, Dierker L, and Donny E. Nicotine dependence symptoms among recent onset adolescent smokers. Drug and Alcohol Dependence, 2010; 106(2-3):126-32. Available from: [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list\\_uids=19765916](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=19765916)

Rose J and Dierker L. An item response theory analysis of nicotine dependence symptoms in recent onset adolescent smokers. Drug and Alcohol Dependence, 2010; 110(1-2):70-9. Available from: [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list\\_uids=20236773](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=20236773)

Riley H, Zalud A, and Diaz-Granados J. The influence of a chronic adolescent nicotine exposure on ethanol withdrawal severity during adulthood in c3h mice. Alcohol, 2010; 44(1):81-7. Available from: <http://www.alcoholjournal.org/article/PIIS0741832909001931/fulltext>

Richardson C, Okoli C, Ratner P, and Johnson J. Empirical support for a multi-dimensional model of sensations experienced by youth during their initial smoking episodes. Addiction, 2010; 105(10):1829-34. Available from: <http://onlinelibrary.wiley.com/doi/10.1111/j.1360-0443.2010.03041.x/full>

Kleinjan M, Wanner B, Vitaro F, Van den Eijnden R, Brug J, et al. Nicotine dependence subtypes among adolescent smokers: Examining the occurrence, development and validity of distinct symptom profiles. Psychology of Addictive Behaviors, 2010; 24(1):61-74. Available from: <http://psycnet.apa.org/index.cfm?fa=buy.optionToBuy&id=2010-05354-007&CFID=28594109&CFTOKEN=54119094>

Guo H, McGee R, Reeder T, and Gray A. Smoking behaviours and contextual influences on adolescent nicotine dependence. Australian and New Zealand Journal of Public Health, 2010; 34(5):502-7. Available from: <http://onlinelibrary.wiley.com/doi/10.1111/j.1753-6405.2010.00597.x/full>

Gray K, Baker N, Carpenter M, Lewis A, and Upadhyaya H. Attention-deficit/hyperactivity disorder confounds nicotine withdrawal self-report in adolescent smokers. American Journal on Addictions, 2010; 19(4):325–31. Available from:

<http://www3.interscience.wiley.com/user/accessdenied?ID=123469545&Act=2138&Code=4719&Page=/cgi-bin/fulltext/123469545/HTMLSTART>

George O, Grieder T, Cole M, and Koob G. Exposure to chronic intermittent nicotine vapor induces nicotine dependence. Pharmacology, Biochemistry, and Behavior, 2010; 96(1):104-7. Available from: [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list\\_uids=20420848](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=20420848)

Finnegan L. Introduction to women, children and addiction. Journal of Addictive Diseases, 2010; 29(2):113–6. Available from:

<http://www.informaworld.com/smpp/ftinterface~content=a921463968~fulltext=713240928>

Difranza J, Ursprung W, and Carson A. New insights into the compulsion to use tobacco from an adolescent case-series. Journal of Adolescence, 2010; 33(1):209-14. Available from: [www.ncbi.nlm.nih.gov/pubmed/19406464](http://www.ncbi.nlm.nih.gov/pubmed/19406464)

Difranza J. Thwarting science by protecting the received wisdom on tobacco addiction from the scientific method. Harm Reduction Journal, 2010; 7:26. Available from:

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2992487/?tool=pubmed>

Dierker L and Mermelstein R. Early emerging nicotine-dependence symptoms: A signal of propensity for chronic smoking behavior in adolescents. The Journal of Pediatrics, 2010; 156(5):818-22.

Available from:

[http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list\\_uids=20097354](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=20097354)

Dar R and Frenk H. Can one puff really make an adolescent addicted to nicotine? A critical review of the literature. Harm Reduction Journal, 2010; 7(1):28. Available from:

<http://www.harmreductionjournal.com/content/pdf/1477-7517-7-...>

Colvin P and Mermelstein R. Adolescents' smoking outcome expectancies and acute emotional responses following smoking. Nicotine and Tobacco Research, 2010; 12(12):1203-10. Available from: <http://ntr.oxfordjournals.org/content/early/2010/10/26/ntr.ntq169.full>

Collins C, Epstein D, Parzynski C, Zimmerman D, Moolchan E, et al. Puffing behavior during the smoking of a single cigarette in tobacco-dependent adolescents. Nicotine and Tobacco Research, 2010; 12(2):164-7. Available from: <http://ntr.oxfordjournals.org/cgi/content/full/ntp176v1>

Carpenter M, Baker N, Gray K, and Upadhyaya H. Assessment of nicotine dependence among adolescent and young adult smokers: A comparison of measures. Addictive Behaviors, 2010; 35(11):977-82. Available from:

[http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list\\_uids=20624670](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=20624670)

Cao J, Belluzzi J, Loughlin S, Dao J, Chen Y, et al. Locomotor and stress responses to nicotine differ in adolescent and adult rats. Pharmacology, Biochemistry, and Behavior, 2010; 96(1):82-90. Available from:

[http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list\\_uids=20423718](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=20423718)

Abreu-Villaca Y, Filgueiras C, Guthierrez M, de Medeiros A, Mattos M, et al. Exposure to tobacco smoke containing either high or low levels of nicotine during adolescence: Differential effects on choline uptake in the cerebral cortex and hippocampus. Nicotine and Tobacco Research, 2010; 11(7):776-80. Available from:

[http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list\\_uids=20457645](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=20457645)

Van Zundert R, Boogerd E, Vermulst A, and Engels R. Nicotine withdrawal symptoms following a quit attempt: An ecological momentary assessment study among adolescents. Nicotine and Tobacco Research, 2009; 11(6):772-9. Available from:

[http://ntr.oxfordjournals.org/cgi/content/full/ntp055v1?maxtoshow=&HITS=10&hits=10&RESULTFRMAT=&fulltext=Nicotine+withdrawal+symptoms+following+a+quit+attempt%3A+An+ecological+momentary+assessment+study+among+adolescents&searchid=1&FIRSTINDEX=0&resourcetype=HWCI\\_T](http://ntr.oxfordjournals.org/cgi/content/full/ntp055v1?maxtoshow=&HITS=10&hits=10&RESULTFRMAT=&fulltext=Nicotine+withdrawal+symptoms+following+a+quit+attempt%3A+An+ecological+momentary+assessment+study+among+adolescents&searchid=1&FIRSTINDEX=0&resourcetype=HWCI_T)

Strong D, Kahler C, Colby S, Griesler P, and Kandel D. Linking measures of adolescent nicotine dependence to a common latent continuum. Drug and Alcohol Dependence, 2009; 99(1-3):296-308. Available from: [http://www.sciencedirect.com/science?\\_ob=ArticleURL&\\_udi=B6T63-4TPWVXN-1&\\_user=10&\\_rdoc=1&\\_fmt=&\\_orig=search&\\_sort=d&view=c&\\_version=1&\\_urlVersion=0&\\_userid=10&md5=760ec6ce8490aa5f8754b7c68e3e931b](http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6T63-4TPWVXN-1&_user=10&_rdoc=1&_fmt=&_orig=search&_sort=d&view=c&_version=1&_urlVersion=0&_userid=10&md5=760ec6ce8490aa5f8754b7c68e3e931b)

Sterling K, Mermelstein R, Turner L, Diviak K, Flay B, et al. Examining the psychometric properties and predictive validity of a youth-specific version of the Nicotine Dependence Syndrome Scale (NDSS) among teens with varying levels of smoking. Addictive Behaviors, 2009; 34(6-7):616-19. Available from:

[http://www.ncbi.nlm.nih.gov/pubmed/19395176?ordinalpos=1&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed\\_ResultsPanel.Pubmed\\_DefaultReportPanel.Pubmed\\_RVDocSum](http://www.ncbi.nlm.nih.gov/pubmed/19395176?ordinalpos=1&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DefaultReportPanel.Pubmed_RVDocSum)

Rubinstein M, Benowitz N, Auerback G, and Moscicki A. Withdrawal in adolescent light smokers following 24-hour abstinence. Nicotine and Tobacco Research, 2009; 11(2):185-9. Available from: <http://ntr.oxfordjournals.org/cgi/content/full/ntn028v1>

Reitzel LR, Costello TJ, Mazas CA, Vidrine JI, Businelle MS, et al. Response to dr. Difranza's letter. Nicotine and Tobacco Research, 2009; 11:1124-5. Available from:

<http://ntr.oxfordjournals.org/cgi/content/full/11/9/1124>

O'Dell L. A psychobiological framework of the substrates that mediate nicotine use during adolescence. Neuropharmacology, 2009; 56(suppl.1):263-78. Available from:

[http://www.sciencedirect.com/science?\\_ob=MImg&\\_imagekey=B6TOC-4T4XRJ3-4-K&\\_cdi=4859&\\_user=10&\\_orig=search&\\_coverDate=08%2F05%2F2008&\\_sk=9999999999&view=c&wchp=dGLbVzb-zSkWA&md5=ddcda5f620d6f07693b40537fa7b3f4c&ie=/sdarticle.pdf](http://www.sciencedirect.com/science?_ob=MImg&_imagekey=B6TOC-4T4XRJ3-4-K&_cdi=4859&_user=10&_orig=search&_coverDate=08%2F05%2F2008&_sk=9999999999&view=c&wchp=dGLbVzb-zSkWA&md5=ddcda5f620d6f07693b40537fa7b3f4c&ie=/sdarticle.pdf)

Moolchan E, Parzynski C, Jaszyna-Gasior M, Collins C, Leff M, et al. A link between adolescent nicotine metabolism and smoking topography. Cancer Epidemiology, Biomarkers and Prevention, 2009; 18(5):1578-83. Available from: <http://cebp.aacrjournals.org/cgi/content/full/18/5/1578>

Malarcher A, Jones S, Morris E, Kann L, and Buckley R. High school students who tried to quit smoking cigarettes—United States, 2007. MMWR. Morbidity and Mortality Weekly Report, 2009; 58(16):428–31. Available from: <http://www.cdc.gov/mmwr/PDF/wk/mm5816.pdf>

Lenk K, Chen V, Bernat D, Forster J, and Rode P. Characterizing and comparing young adult intermittent and daily smokers. Substance Use & Misuse, 2009; 44(14):2128–40. Available from: <http://informahealthcare.com/doi/full/10.3109/10826080902864571>

Dwyer J, McQuown S, and Leslie F. The dynamic effects of nicotine on the developing brain. Pharmacology and Therapeutics, 2009; 122(2):125–39. Available from: [http://www.ncbi.nlm.nih.gov/pubmed/19268688?ordinalpos=14&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed\\_ResultsPanel.Pubmed\\_RVBrief](http://www.ncbi.nlm.nih.gov/pubmed/19268688?ordinalpos=14&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVBrief)

Dickmann P, Mooney M, Allen S, Hanson K, and Hatsukami D. Nicotine withdrawal and craving in adolescents: Effects of sex and hormonal contraceptive use. Addictive Behaviors, 2009; 34(6–7):620–3. Available from: [www.ncbi.nlm.nih.gov/pubmed/19398166](http://www.ncbi.nlm.nih.gov/pubmed/19398166)

Counotte DS, Spijker S, Van de Burgwal LH, Hogenboom F, Schoffelmeer AN, et al. Long-lasting cognitive deficits resulting from adolescent nicotine exposure in rats. Neuropsychopharmacology, 2009; 34:299–306. Available from: <http://www.nature.com/npp/journal/vaop/ncurrent/abs/npp200896a.html>

Caraballo R, Novak S, and Asman K. Linking quantity and frequency profiles of cigarette smoking to the presence of nicotine dependence symptoms among adolescent smokers: Findings from the 2004 National youth Tobacco Survey. Nicotine and Tobacco Research, 2009; 11(1):49–57. Available from: <http://ntr.oxfordjournals.org/cgi/content/full/11/1/49>

Bailey S, Harrison C, Jeffery C, Ammerman S, Bryson S, et al. Withdrawal symptoms over time among adolescents in a smoking cessation intervention: Do symptoms vary by level of nicotine dependence? Addictive Behaviors, 2009; 34(12):1017–22. Available from: [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list\\_uids=19647373](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=19647373)

Smith A, Cavallo D, Dahl T, Wu R, George T, et al. Effects of acute tobacco abstinence in adolescent smokers compared with nonsmokers. Journal of Adolescent Health, 2008; 43(1):46–54. Available from: [http://www.jahonline.org/article/S1054-139X\(07\)00663-5/abstract](http://www.jahonline.org/article/S1054-139X(07)00663-5/abstract)

Scragg R, Wellman R, Laugesen M, and DiFranza J. Diminished autonomy over tobacco can appear with the first cigarettes. Addictive Behaviors, 2008; 33(5):689–98. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/18207651>

Sahbaz S, Kilinc O, Gunay T, and Ceylan E. The effects of environmental tobacco smoke exposure before starting to smoke on cigarette quitting therapies. Tuberkuloz ve Toraks, 2008; 56(3):283–90. Available from: <http://www.journalagent.com/pubmed/linkout.asp?ISSN=0494-1373&PMID=18932029>

Rubinstein ML, Benowitz NL, Auerback GM, and Moscicki A-B. Rate of nicotine metabolism and withdrawal symptoms in adolescent light smokers. Pediatrics, 2008; 122(3):e643–7. Available from: <http://pediatrics.aappublications.org/cgi/content/full/122/3/e643>

Perkins KA, Lerman C, Coddington S, and Karelitz JL. Association of retrospective early smoking experiences with prospective sensitivity to nicotine via nasal spray in nonsmokers. Nicotine and Tobacco Research, 2008; 10(8):1335–45. Available from:  
<http://www.informaworld.com/smpp/content~content=a901416180~db=all~order=page>

Harrison EL, Desai RA, and McKee SA. Nondaily smoking and alcohol use, hazardous drinking, and alcohol diagnoses among young adults: Findings from the nesarc. Alcoholism, Clinical and Experimental Research, 2008; 32(12):2081-7. Available from:  
<http://www3.interscience.wiley.com/journal/121421808/abstract>

DiFranza JR and Ursprung WWSA. The latency to the onset of nicotine withdrawal: A test of the sensitization-homeostasis theory. Addictive Behaviors, 2008; 33(9):1148-53. Available from:  
[http://www.sciencedirect.com/science?\\_ob=ArticleURL&\\_udi=B6VC9-4SFXKBJ-3&\\_user=10&\\_rdoc=1&\\_fmt=&\\_orig=search&\\_sort=d&view=c&\\_acct=C000050221&\\_version=1&\\_urIVersion=0&\\_userid=10&md5=b0043f06e718b7562b2687e8709da490](http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6VC9-4SFXKBJ-3&_user=10&_rdoc=1&_fmt=&_orig=search&_sort=d&view=c&_acct=C000050221&_version=1&_urIVersion=0&_userid=10&md5=b0043f06e718b7562b2687e8709da490)

DiFranza JR, Riggs N, and Pentz MA. Time to re-examine old definitions of nicotine dependence. Nicotine and Tobacco Research, 2008; 10(6):1109–11. Available from:  
<http://www.informaworld.com/smpp/content~content=a794496459~db=all~order=page>

Dierker L, He J, Kalaydjian A, Swendsen J, Degenhardt L, et al. The importance of timing of transitions for risk of regular smoking and nicotine dependence. Annals of Behavioral Medicine, 2008; 36(1):87-92. Available from: <https://commerce.metapress.com/content/e07018h282514q23/resource-secured/?target=fulltext.html&sid=2ignzd451uwis255h1rsppq1&sh=www.springerlink.com>

DeBry S and Tiffany S. Tobacco-induced neurotoxicity of adolescent cognitive development (tinacd): A proposed model for the development of impulsivity in nicotine dependence. Nicotine and Tobacco Research, 2008; 10(1):11–25. Available from:  
<http://www.informaworld.com/smpp/content~db=all?content=10.1080/14622200701767811>

Bélanger M, O'Loughlin J, Okoli C, McGrath J, Setia M, et al. Nicotine dependence symptoms among young never-smokers exposed to secondhand tobacco smoke. Addictive Behaviors, 2008; 33(12):1557-63. Available from:  
[http://www.sciencedirect.com/science?\\_ob=MImg&\\_imagekey=B6VC9-4T2638P-7-1&\\_cdi=5949&\\_user=10&\\_orig=search&\\_coverDate=07%2F23%2F2008&\\_sk=9999999999&view=c&wchp=dGLbVtz-zSkWA&md5=a558c7243ebbdeafb99489ce55cd7e20&ie=/sdarticle.pdf](http://www.sciencedirect.com/science?_ob=MImg&_imagekey=B6VC9-4T2638P-7-1&_cdi=5949&_user=10&_orig=search&_coverDate=07%2F23%2F2008&_sk=9999999999&view=c&wchp=dGLbVtz-zSkWA&md5=a558c7243ebbdeafb99489ce55cd7e20&ie=/sdarticle.pdf)

Kandel D, Hu M, Griesler P, and Schaffran C. On the development of nicotine dependence in adolescence. Drug and Alcohol Dependence, 2007; 91(1):26–39. Available from:  
[http://www.sciencedirect.com/science?\\_ob=ArticleURL&\\_udi=B6T63-4NWW6JS-1&\\_user=10&\\_rdoc=1&\\_fmt=&\\_orig=search&\\_sort=d&view=c&\\_acct=C000050221&\\_version=1&\\_urIVersion=0&\\_userid=10&md5=38f44c72cbbd15e1261ff756377174dd](http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6T63-4NWW6JS-1&_user=10&_rdoc=1&_fmt=&_orig=search&_sort=d&view=c&_acct=C000050221&_version=1&_urIVersion=0&_userid=10&md5=38f44c72cbbd15e1261ff756377174dd)

White V and Hayman J. Smoking behaviours of Australian secondary students in 2005. National Drug Strategy monograph series no. 59, Canberra: Drug Strategy Branch, Australian Government Department of Health and Ageing, 2006. Available from:  
<http://www.nationaldrugstrategy.gov.au/internet/drugstrategy/publishing.nsf/Content/mono59>

White V and Hayman J. Australian secondary school students' use of alcohol in 2005. Report prepared for drug Strategy branch, Australian government Department of Health and ageing.

National Drug Strategy monograph series, Melbourne: Centre for Behavioural Research in Cancer, Cancer Control Research Institute, The Cancer Council Victoria, 2006. Available from: <http://www.nationaldrugstrategy.gov.au/internet/drugstrategy/publishing.nsf/Content/mono58>

Fidler JA, Wardle J, Henning Brodersen N, Jarvis MJ, and West R. Vulnerability to smoking after trying a single cigarette can lie dormant for three years or more. *Tobacco Control*, 2006; 15(3):205-9. Available from: <http://tc.bmjjournals.com/cgi/content/abstract/15/3/205>

DiFranza J and Wellman R. A sensitisation-homeostasis model of nicotine craving, withdrawal and tolerance: Integrating the clinical and basic science literature. *Nicotine and Tobacco Research*, 2005; 7(1):9-26. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/15804674>

Wellman R, DiFranza J, Savageau J, and Dussault G. Short term patterns of early smoking acquisition. *Tobacco Control*, 2004; 13(3):251-7. Available from: <http://tobaccocontrol.bmjjournals.com/cgi/reprint/13/3/251.pdf>

Sargent J and DiFranza J. Tobacco control for clinicians who treat adolescents. *CA: A Cancer Journal for Clinicians*, 2003; 53(2):102-23. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/12691267>

DiFranza JR, Savageau JA, Rigotti NA, Fletcher K, Ockene JK, et al. Development of symptoms of tobacco dependence in youths: 30 month follow up data from the DANDY study. *Tobacco Control*, 2002; 11(3):228-35. Available from: <http://tc.bmjjournals.com/cgi/content/abstract/11/3/228>

Trauth J, Seidler F, Ali S, and Slotkin T. Adolescent nicotine exposure produces immediate and long-term changes in cns noradrenergic and dopaminergic function. *Brain Research*, 2001; 892(2):269-80. Available from: [http://www.sciencedirect.com/science?\\_ob=ArticleURL&\\_udi=B6SYR-429920D-B&\\_user=10&\\_rdoc=1&\\_fmt=&\\_orig=search&\\_sort=d&view=c&\\_version=1&\\_urlVersion=0&\\_userid=10&md5=acc28c0dd016c77e8cbc05d8e1dfbcb6](http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6SYR-429920D-B&_user=10&_rdoc=1&_fmt=&_orig=search&_sort=d&view=c&_version=1&_urlVersion=0&_userid=10&md5=acc28c0dd016c77e8cbc05d8e1dfbcb6)

Shadel W, Shiffman S, Niaura R, Nichter M, and Abrams D. Current models of nicotine dependence: What is known and what is needed to advance understanding of tobacco etiology among youth. *Drug and Alcohol Dependence*, 2000; 59(suppl. 1):S9-21. Available from: [http://www.sciencedirect.com/science?\\_ob=ArticleURL&\\_udi=B6T63-402K6KB-3&\\_user=559483&\\_rdoc=1&\\_fmt=&\\_orig=search&\\_sort=d&view=c&\\_acct=C000028178&\\_version=1&\\_urlVersion=0&\\_userid=559483&md5=6b0e8a5de17df784f65a32f1eb572a08](http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6T63-402K6KB-3&_user=559483&_rdoc=1&_fmt=&_orig=search&_sort=d&view=c&_acct=C000028178&_version=1&_urlVersion=0&_userid=559483&md5=6b0e8a5de17df784f65a32f1eb572a08)

Lewinsohn P, Brown R, Seeley J, and Ramsey S. Psychosocial correlates of cigarette smoking abstinence, experimentation, persistence and frequency during adolescence. *Nicotine and Tobacco Research*, 2000; 2(2):121-31. Available from: <http://www.informaworld.com/smpp/content~content=a713688129~db=all~order=page>

DiFranza J, Rigotti N, McNeill A, Ockene J, Savageau J, et al. Initial symptoms of nicotine dependence in adolescents. *Tobacco Control*, 2000; 9(3):313-9. Available from: <http://tobaccocontrol.bmjjournals.com/cgi/content/full/9/3/313>

Colby S, Tiffany S, Shiffman S, and Niaura R. Are adolescent smokers dependent on nicotine? A review of the evidence. *Drug and Alcohol Dependence*, 2000; 59(suppl. 1):S83-95. Available from: [http://www.sciencedirect.com/science?\\_ob=ArticleURL&\\_udi=B6T63-402K6KB-7&\\_user=10&\\_rdoc=1&\\_fmt=&\\_orig=search&\\_sort=d&view=c&\\_version=1&\\_urlVersion=0&\\_userid=10&md5=569ab5d1a90112fa4410ae1b8c5b8849](http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6T63-402K6KB-7&_user=10&_rdoc=1&_fmt=&_orig=search&_sort=d&view=c&_version=1&_urlVersion=0&_userid=10&md5=569ab5d1a90112fa4410ae1b8c5b8849)

Rojas N, Killen J, Haydel K, and Robinson T. Nicotine dependence among adolescent smokers. Archives of Pediatrics and Adolescent Medicine, 1998; 152(2):151–6. Available from: <http://archpedi.ama-assn.org/cgi/content/abstract/152/2/151>

Lamkin L and Houston TP. Nicotine dependency and adolescents: Preventing and treating. Primary Care, 1998; 25(1):123–35. Available from: [http://www.sciencedirect.com/science?\\_ob=ArticleURL&\\_udi=B75JR-4GFV42S-9&\\_user=10&\\_rdoc=1&\\_fmt=&\\_orig=search&\\_sort=d&view=c&\\_version=1&\\_urlVersion=0&\\_userid=10&md5=5b91159d7da5f988eaf244ee88ab49f5](http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B75JR-4GFV42S-9&_user=10&_rdoc=1&_fmt=&_orig=search&_sort=d&view=c&_version=1&_urlVersion=0&_userid=10&md5=5b91159d7da5f988eaf244ee88ab49f5)

Heishman SJ, Benowitz NL, Hatsukami DK, Lindstrom JM, and Ockene JK. Society for research on nicotine and Tobacco. Addiction, 1997; 92(5):615–33. Available from: <http://www3.interscience.wiley.com/journal/119158214/abstract>

Barker D. Reasons for tobacco use and symptoms of nicotine withdrawal among adolescent and young adult tobacco users - United States, 1993. Morbidity and Mortality Weekly Reports, 1994; 43(41):745-50. Available from: <http://www.cdc.gov/mmwr/preview/mmwrhtml/00032964.htm>

McNeill AD. The development of dependence on smoking in children. British Journal of Addiction, 1991; 86(5):589-92. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/1859924>

McNeill A, West R, Jarvis M, Jackson P, and Bryant A. Cigarette withdrawal symptoms in adolescent smokers. Psychopharmacology, 1986; 90(4):533–6. Available from: <http://www.springerlink.com/content/q325798554062x43/>

## News reports:

US Department of Health and Human Services. Preventing Tobacco use among youth and young adults: A Report of the surgeon general. Atlanta GA: National Center for Chronic Disease Prevention and Health Promotion (US) Office on Smoking and Health, 2012. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/22876391>.

White V and Others. Latest kids smoking data. Canberra: Department of Health and Ageing, 2010.