

## Barriers to Tobacco Cessation in Medicaid

Medicaid enrollees smoke at a rate over twice as high as individuals with private insurance.<sup>1</sup> While Medicaid enrollees want to quit at rates identical to those with private insurance, the smoking disparity still persists.<sup>2</sup> Research shows that Medicaid coverage of tobacco cessation treatment, including tobacco cessation medication and counseling, leads to reduced smoking rates<sup>3,4</sup> and fewer smoking-related healthcare costs.<sup>5,6</sup>

As of April 2019<sup>7</sup>, only two states did not have barriers for Medicaid enrollees to access tobacco cessation treatment. Twelve states require co-pays cessation treatment and 28 states have prior authorization for tobacco cessation treatment for at least some enrollees. However, the most common barriers are annual limits (39 states) and duration limits (35 states). Barriers to access tobacco cessation treatment can have a devastating impact on Medicaid enrollees quit attempts.



**Individuals** that needed prior authorization to access tobacco cessation medication had 80 percent lower odds of receiving the treatment, indicating that prior authorization is a significant barrier to accessing tobacco cessation treatment.<sup>8</sup>



**Out-of-pocket costs**, such as high copayments, may deter tobacco users from quitting.<sup>9,10,11</sup> Medicaid enrollees in states with no copayments for tobacco cessation counseling and cessation medication have higher quit rates compared to states with copayments.<sup>12</sup>



**Coverage** of tobacco cessation treatment without adequate promotion of the benefit may have a limited effect on increasing utilization among Medicaid enrollees.<sup>13,14</sup> Promoting tobacco cessation treatment by increasing awareness of the benefit is critical to increase cessation uptake by Medicaid enrollees.<sup>15,16,17</sup>



**States** that have not expanded Medicaid have higher smoking prevalence and lower utilization rates of tobacco cessation medication, compared to expansion states.<sup>19,20,21,22</sup> By covering more people, expansion states make tobacco cessation treatment more broadly available, increasing its potential public health impact.<sup>23,24</sup>

- <sup>1</sup>Cornelius ME, Loretan CG, Wang TW, Jamal A, Homa DM. Tobacco Product Use Among Adults — United States, 2020. *MMWR Morb Mortal Wkly Rep* 2022;71:397–405. DOI: <http://dx.doi.org/10.15585/mmwr.mm7111a1external icon>
- <sup>2</sup>Babb S, Malarcher A, Schauer G, Asman K, Jamal A. Quitting Smoking Among Adults — United States, 2000–2015. *MMWR Morb Mortal Wkly Rep* 2017;65:1457–1464. DOI: <http://dx.doi.org/10.15585/mmwr.mm6552a1>
- <sup>3</sup>Land T, Warner D, Paskowsky M, et al. (2010) Medicaid Coverage for Tobacco Dependence Treatments in Massachusetts and Associated Decreases in Smoking Prevalence. *PLOS ONE*, 5(3): e9770.
- <sup>4</sup>Department of Health and Human Services, Office of the Surgeon General. (2014). The Health Consequences of Smoking—50 Years of Progress: A Report of the Surgeon General. Available at: <https://www.surgeongeneral.gov/library/reports/50-years-of-progress/full-report.pdf>.
- <sup>5</sup>McCallum DM, Fosson GH, Pisu M. Making the case for Medicaid funding of smoking cessation treatment programs: an application to state level health care savings. *J Health Care Poor Underserved*, 2014; 25(4):1922–40.
- <sup>6</sup>Department of Health and Human Services, Office of the Surgeon General. (2014). The Health Consequences of Smoking—50 Years of Progress: A Report of the Surgeon General. Available at: <https://www.surgeongeneral.gov/library/reports/50-years-of-progress/full-report.pdf>.
- <sup>7</sup>American Lung Association Data, October 1, 2022
- <sup>8</sup>Galaznik A, Cappel, K, Montejano L, et al. (2013). Impact of access restrictions on varenicline utilization. *Expert review of Pharmacoeconomics & Outcomes Research*, 13(5), 651-656.
- <sup>9</sup>Greene J, Sacks RM, McMenamin SB. (2014). The impact of tobacco dependence treatment coverage and copayments in Medicaid. *American Journal of Preventive Medicine*, 46(4), 331-336.
- <sup>10</sup>Zeng F, Chen Cl, Mastey V. (2011). Effects of copayment on initiation of smoking cessation pharmacotherapy: an analysis of varenicline reversed claims. *Clinical Therapeutics*, 33(2), 225-234.
- <sup>11</sup>Blumenthal DS. (2007). Barriers to the provision of smoking cessation services reported by clinicians in underserved communities. *The Journal of the American Board of Family Medicine*, 20(3), 272-279.
- <sup>12</sup>Greene J, Sacks RM, McMenamin SB. (2014). The impact of tobacco dependence treatment coverage and copayments in Medicaid. *American Journal of Preventive Medicine*, 46(4), 331-336.
- <sup>13</sup>Li C, Dresler CM. (2012). Medicaid coverage and utilization of covered tobacco cessation treatments: the Arkansas experience. *American Journal of Preventive Medicine*, 42(6), 588-595.
- <sup>14</sup>Liu, F. (2009). Effect of Medicaid coverage of tobacco-dependence treatments on smoking cessation. *International Journal of Environmental Research and Public Health*, 6(12), 3143-3155.
- <sup>15</sup>Land T, Warner D, Paskowsky M, et al. (2010) Medicaid Coverage for Tobacco Dependence Treatments in Massachusetts and Associated Decreases in Smoking Prevalence. *PLOS ONE*, 5(3): e9770.
- <sup>16</sup>Liu F. (2009). Effect of Medicaid coverage of tobacco-dependence treatments on smoking cessation. *International Journal of Environmental Research and Public Health*, 6(12), 3143-3155.
- <sup>17</sup>Li C, Dresler CM. (2012). Medicaid coverage and utilization of covered tobacco cessation treatments: the Arkansas experience. *American Journal of Preventive Medicine*, 42(6), 588-595.
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