

## **Association of inappropriate outpatient pediatric antibiotic prescriptions with adverse drug events and health care expenditures.**

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Butler AM, Brown DS, Durkin MJ, et al. Association of inappropriate outpatient pediatric antibiotic prescriptions with adverse drug events and health care expenditures. JAMA Netw Open.

2022;5(5):e2214153. doi:10.1001/jamanetworkopen.2022.14153.

<https://psnet.ahrq.gov/issue/association-inappropriate-outpatient-pediatric-antibiotic-prescriptions-adverse-drug-events>

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Inappropriately prescribing antibiotics for non-bacterial infections remains [common](#) in outpatient settings despite the associated [risks](#). This analysis of antibiotics prescribed to more than 2.8 million children showed more than 30% of children with bacterial infection, and 4%-70% of children with viral infection were inappropriately prescribed antibiotics. [Inappropriate](#) prescribing led to increased risk of adverse drug events (e.g., allergic reaction) and increased health expenditures in the following 30 days.