

JAYANI JAYAWARDHANA, PhD

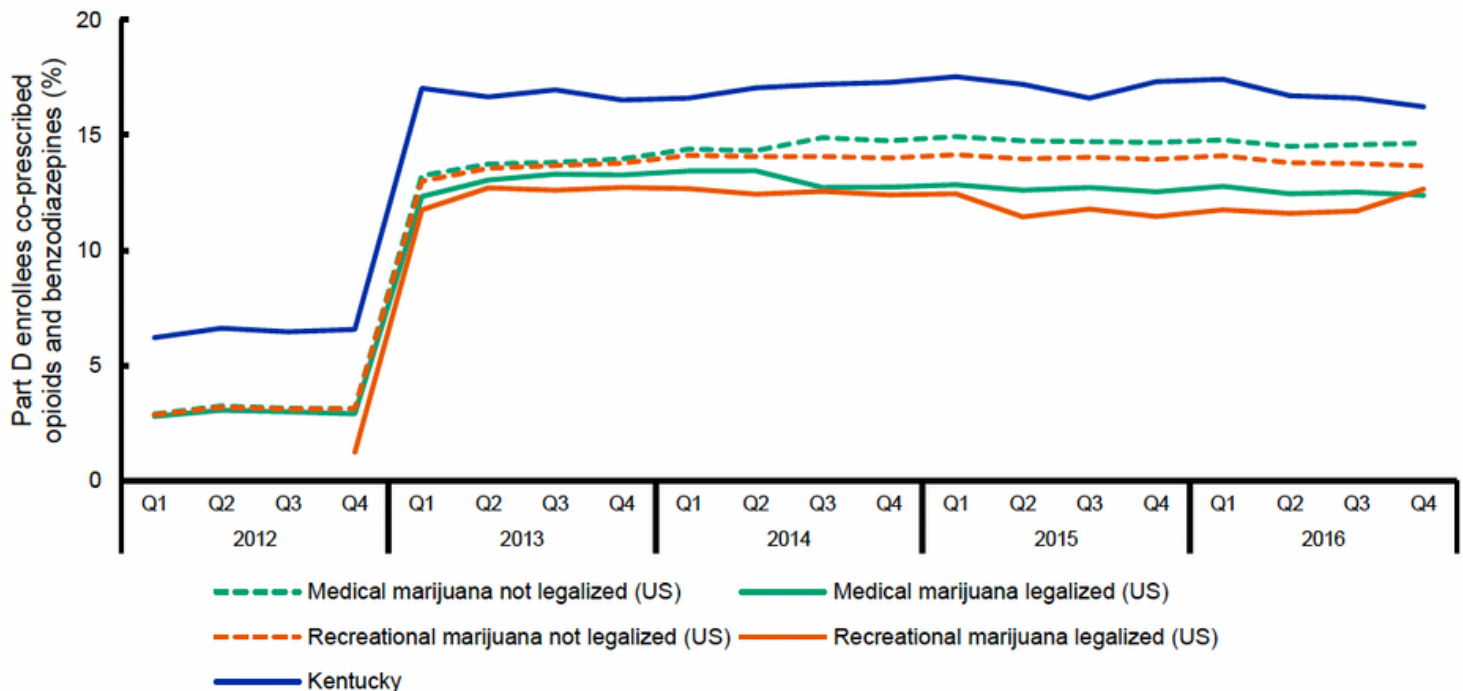
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PILOT PROJECT #2

Impact of Cannabis Laws on Opioid and Benzodiazepine Prescriptions and Associated Health Outcomes in Older Adults

This study examines the effects of cannabis laws (medical and recreational) on co-prescriptions of opioid and benzodiazepine (i.e., at least one day of overlap between an opioid and a benzodiazepine prescription) and diagnoses of opioid use disorder (OUD), benzodiazepine use disorder (BUD), and cannabis use disorder (CUD) among older adults (≥ 65). The study utilizes patient-level Medicare claims data (i.e., The Medicare Provider Analysis and Review (MEDPAR) and Prescription Drug Event (PDE) files for 2012-2016) and state-level socio-economic and policy variables to achieve these aims.

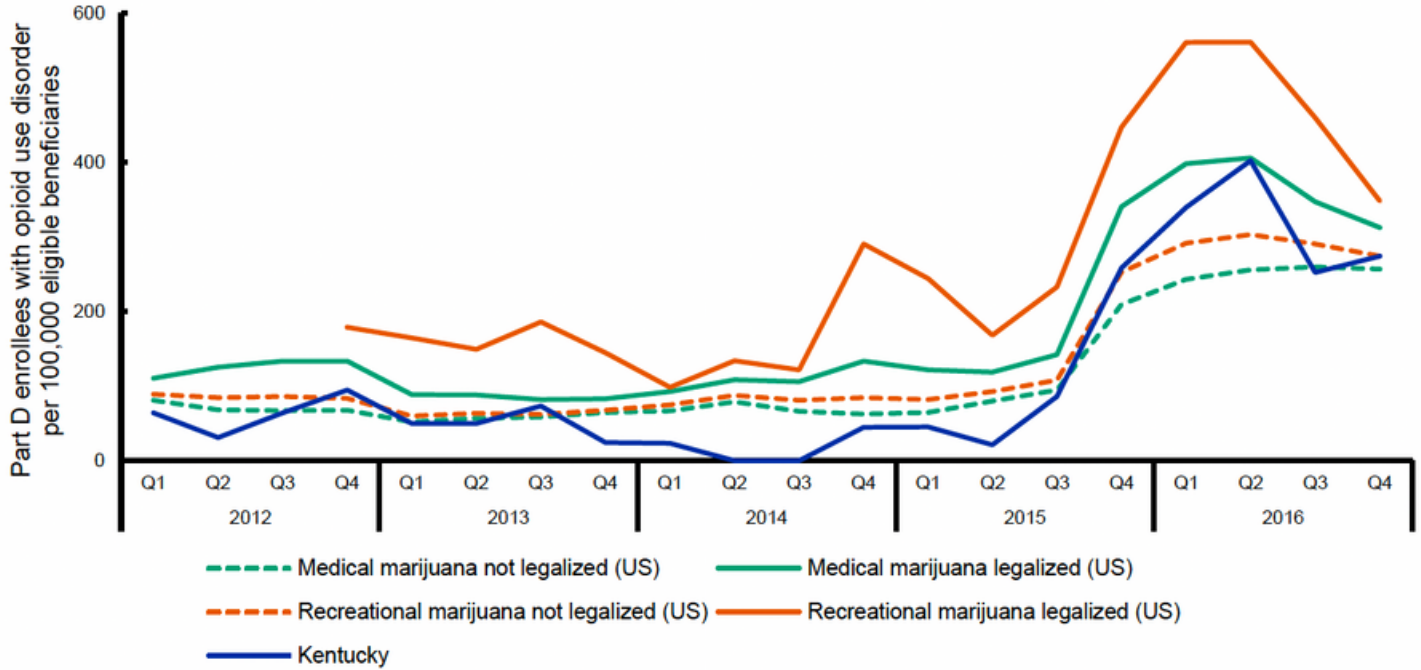


Percent of Medicare enrollees (in Part D) with co-prescriptions of opioids and benzodiazepines in the US and KY by quarter and cannabis legalization (medical and recreational) status

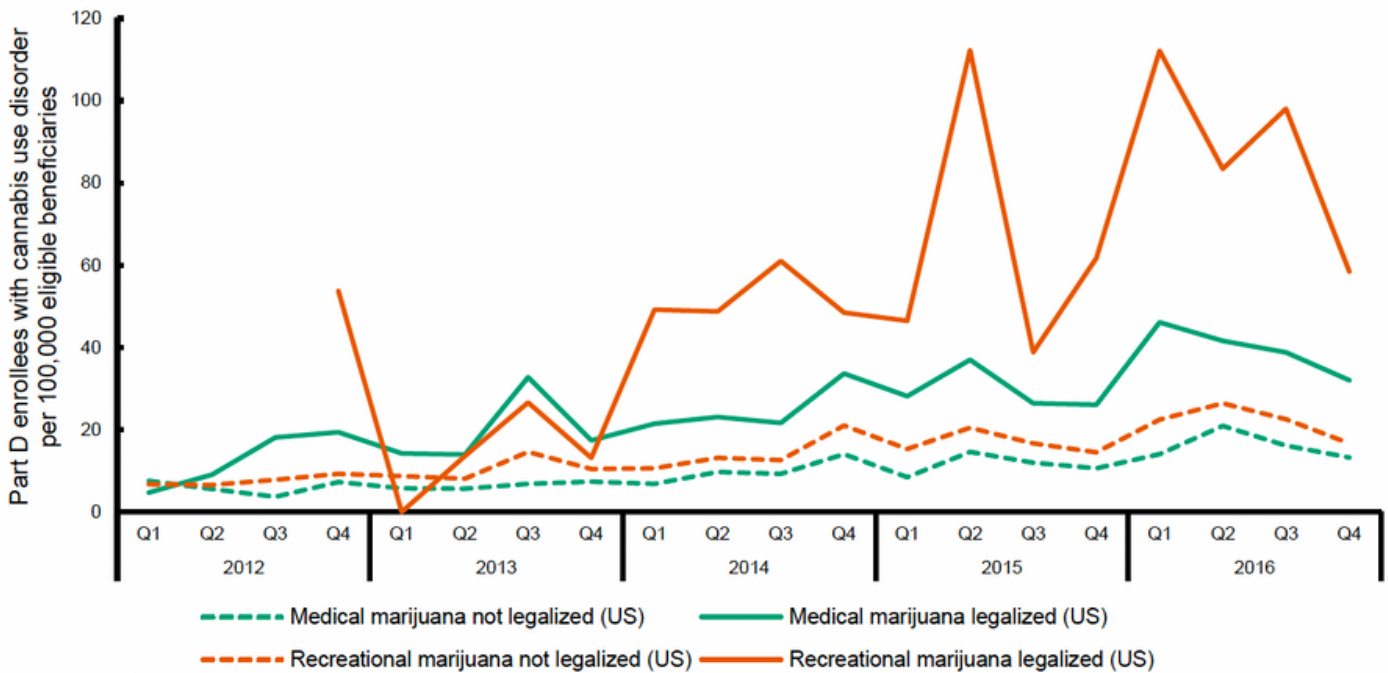
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PRELIMINARY DATA



Medicare enrollees (in Part D) with opioid use disorder (OUD) per 100,000 eligible beneficiaries in the US and in KY by quarter and cannabis legalization (medical and recreational) status.



Medicare enrollees (in Part D) with cannabis use disorder (CUD) per 100,000 eligible beneficiaries by quarter and cannabis legalization (medical and recreational) status