

## Supplementary Online Content

Larochelle MR, Zhang F, Ross-Degnan D, Wharam JF. Rates of opioid dispensing and overdose after introduction of abuse-deterrent extended-release oxycodone and withdrawal of propoxyphene. *JAMA Intern Med*. Published online April 20, 2015.  
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**eMethods.** Race/Ethnicity Classification

**eTable.** Sensitivity Analysis Removing Overdoses Potentially Related To Surgical Anesthesia

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**eFigure 2.** Annual Mean Out-of-Pocket Cost (Copayment Plus Deductible) per Dispensing for OxyContin for Non–Abuse-Deterrent Formulation (2003-2009) and Abuse-Deterrent Formulation (2011-2012) With Mixed Data When the Abuse-Deterrent Formulation Was Introduced in 2010

This supplementary material has been provided by the authors to give readers additional information about their work.

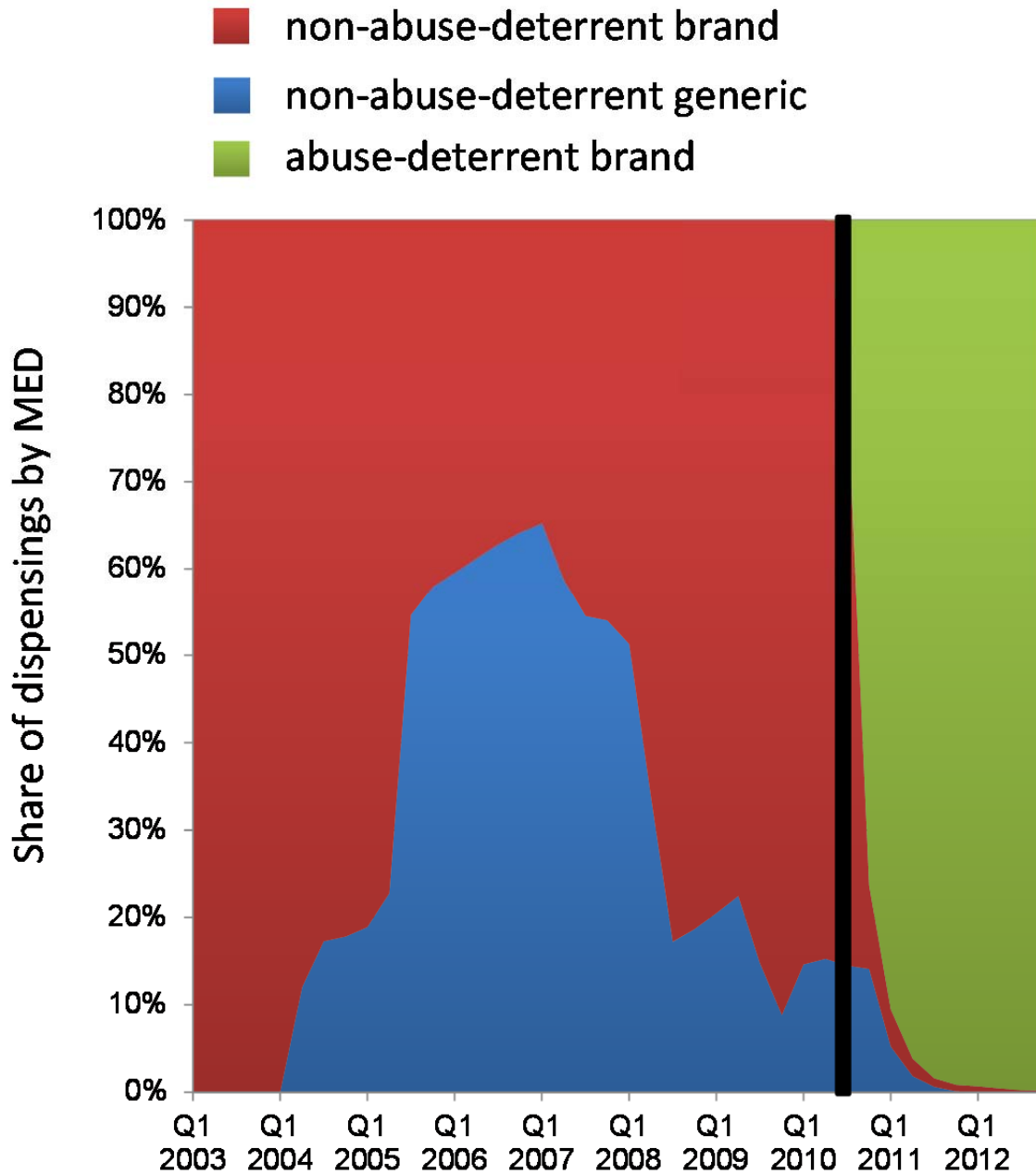
**eMethods. Race/Ethnicity Classification**

We classified members as residing in white, black, or Hispanic neighborhoods based on living in neighborhoods with 75% or more persons of the given race/ethnicity; we assigned census blocks with 75% or more persons of both Hispanic ethnicity and black race to the Hispanic category. We classified members from census block groups that did not fall into one of the three race/ethnicity categories as living in mixed race/ethnicity neighborhoods. We used surname analysis to identify Hispanic and Asian individuals which superseded the neighborhood-based measure; we classified members as Hispanic if they lived in a predominantly Hispanic neighborhood or had a Hispanic surname.

**eTable. Sensitivity analysis removing overdoses potentially related to surgical anesthesia**

Scenario	Change in prescription opioid overdose rate at 2 years per 100 000 members per quarter	
	Absolute change (95% CI)	Relative change, %
All overdoses	-1.10 (-1.47 to -0.74)	-20.1%
Anesthesia-related overdoses removed	-1.13 (-1.49 to -0.76)	-21.1%

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**eFigure 2.** Annual Mean Out-of-Pocket Cost (Copayment Plus Deductible) per Dispensing for OxyContin for Non-Abuse-Deterrent Formulation (2003-2009) and Abuse-Deterrent Formulation (2011-2012) With Mixed Data When the Abuse-Deterrent Formulation Was Introduced in 2010

