Model base case projections for selected model outcomes Total Rx misuse initiation Total heroin initiation 2.5 2.5 Incidence (millions/year) 2.0 2.0 1.5 1.5 1.0 1.0 0.5 0.5 0.0 0.0 Total Rx opioid use disorder Heroin use disorder Use disorder prevalence (millions) 2.5 2.5 2.0 2.0 1.5 1.5 1.0 0.5 0.5 0.0 Overdose deaths (Rx + Rx synthetics)Overdose deaths (heroin & illicit synthetics) Overdose deaths (thousands/year) 70.0 70.0 60.0 60.0 50.0 50.0 40.0 40.0 30.0 30.0 20.0 20.0 10.0 10.0 0.0 0.0 2003 2009 2013 2015 2019 2023 2025 2027 2029 2031 2001 2003 2009 2013 2015 2019 2023 2025 2027 2029 2031 1999 2001 2002 2007 2011 2017 2021 2005 2007 2011 2017 2021

Optimistic Scenario

Pessimistic Scenario

Projection start time

Exogenous Trends Continue (ETC)