

Tapentadol – Abuse and Diversion in the US (RADARS®)

36th WHO-ECDD Opening Meeting
June 16, 2014

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Mosaic Surveillance for Surveillance of Prescription Drug Abuse

Acute Events

49 Poison
centers
46 states

Drug Transactions

Criminal Justice
250 agencies
49 states

Entering Treatment

OTP
75 programs
37 states

Entering Treatment

SKIP
155 practices
47 states

New Initiates

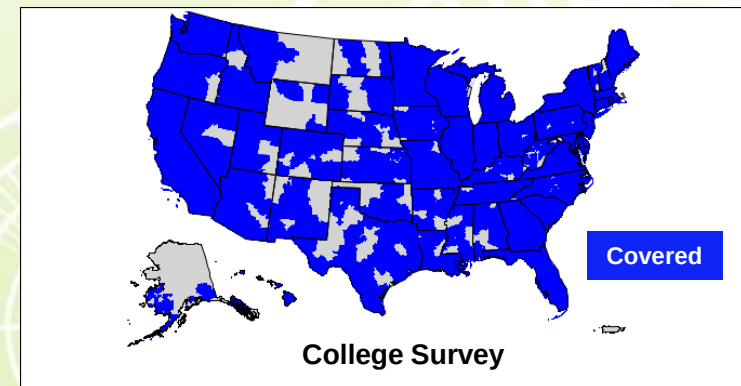
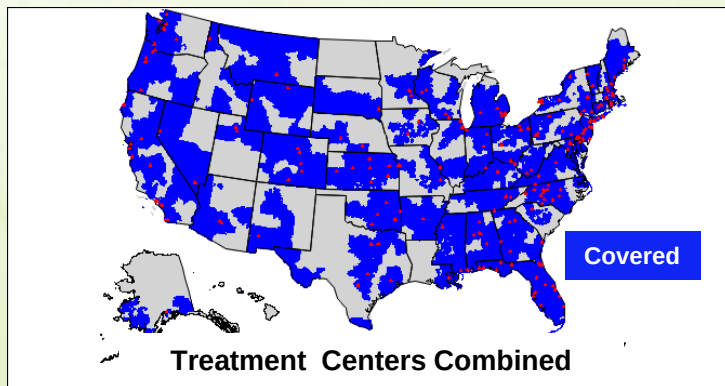
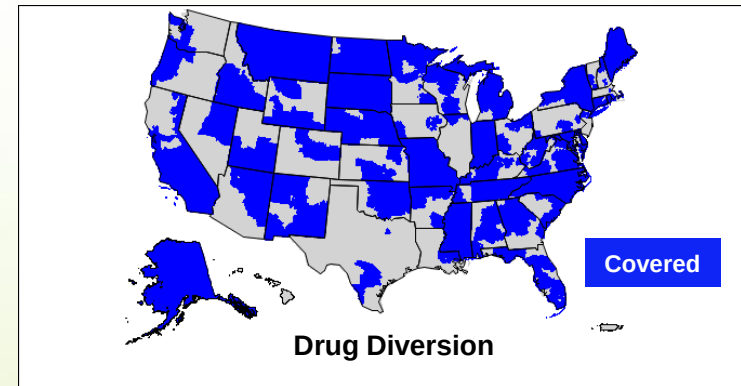
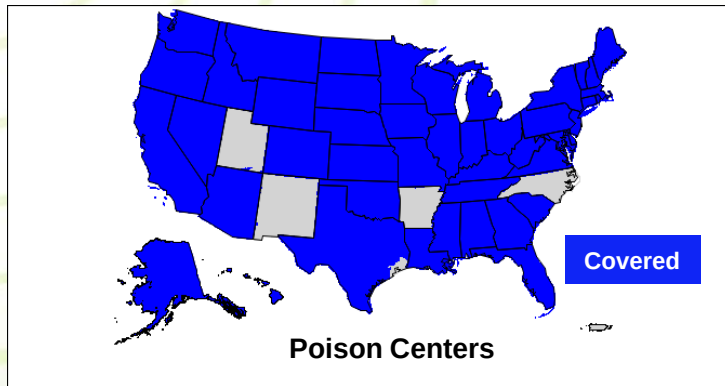
College Survey
2000 students
50 states

Illicit Market Price

StreetRx.com
Users/Buyers
50 states

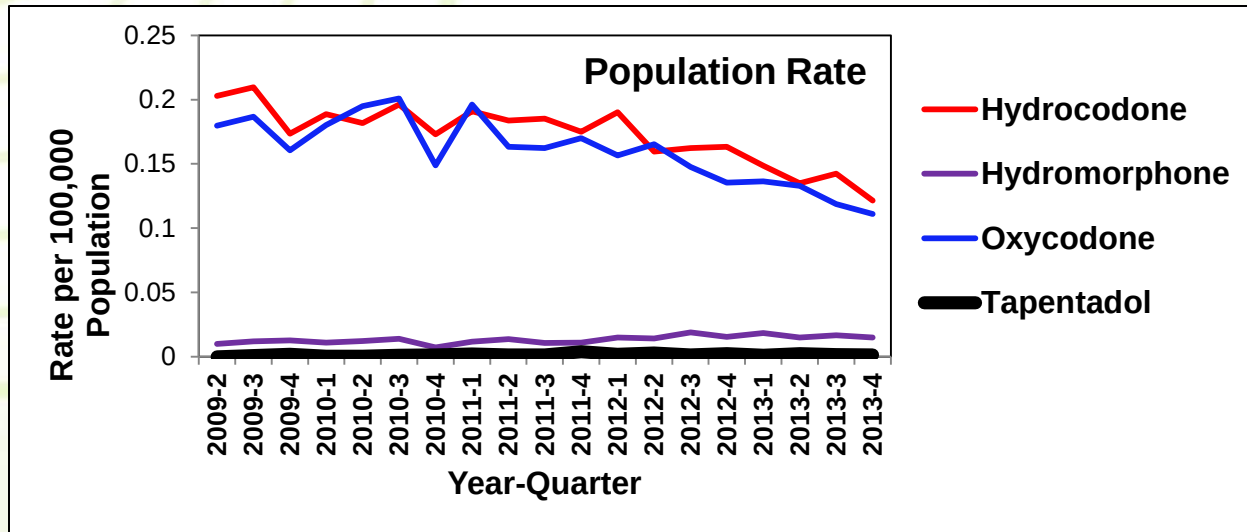


RADARS System Coverage Maps

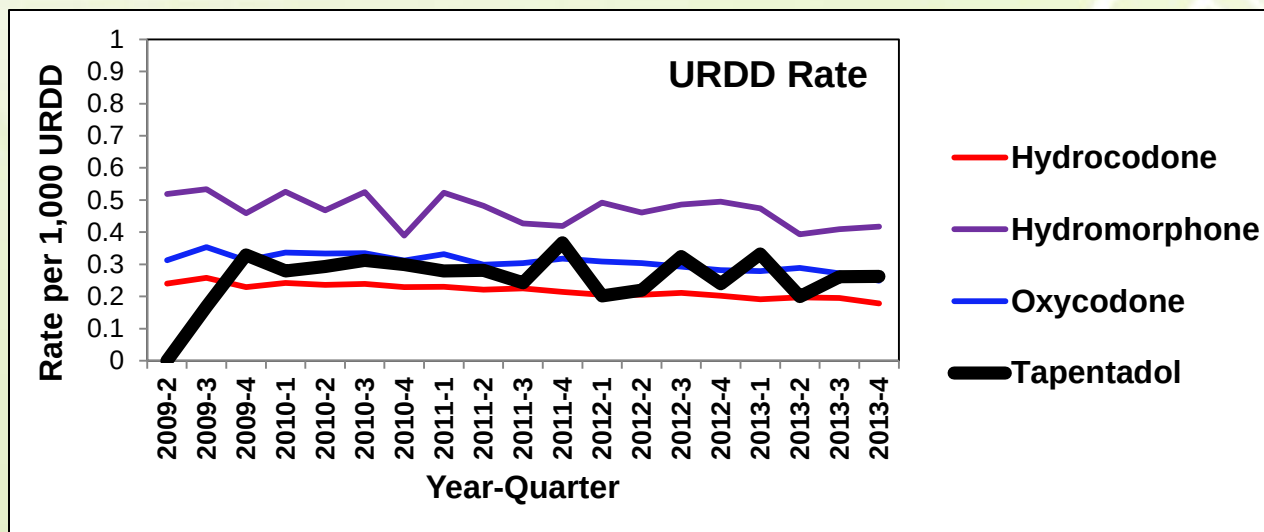


Poison Center Program - Intentional Abuse Exposure

Abuse rates using URDD slightly lower or similar to hydrocodone and oxycodone



Tapentadol and Selected Comparator Drugs
April 2009 to December 2013



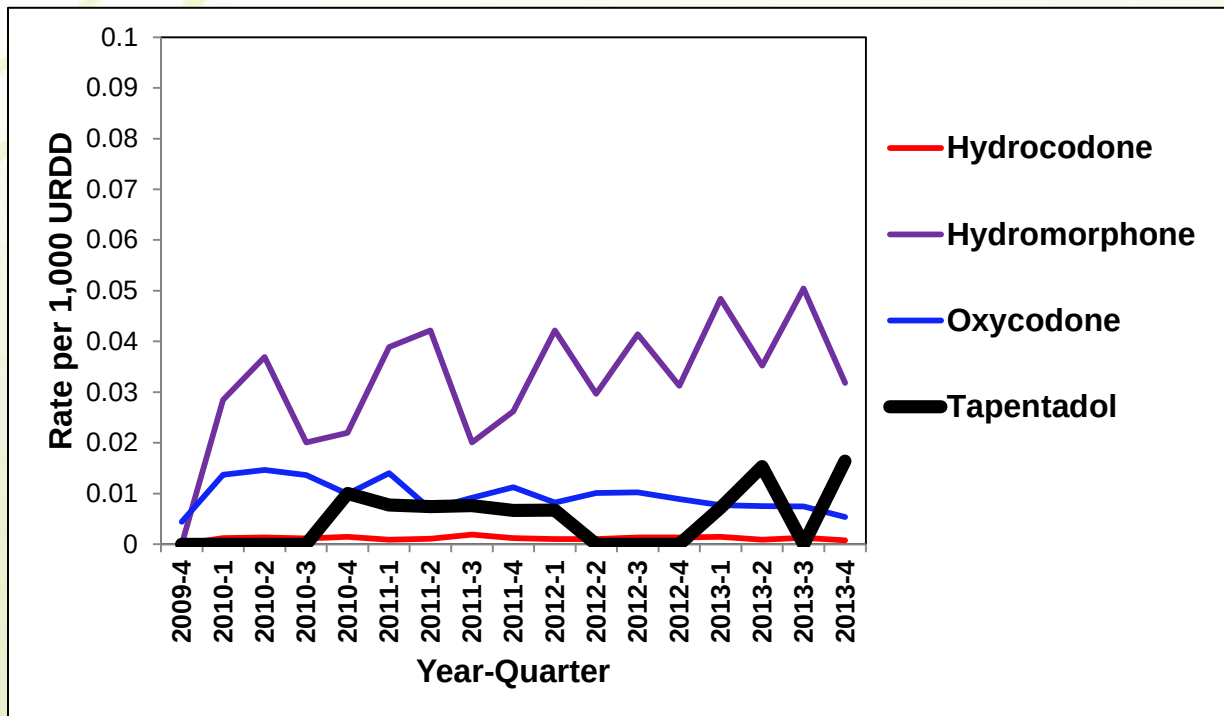
URDD = Number of people filling a prescription for drug

Poison Center Program - **Non-Oral Intentional Abuse Exposure**

Exposures per 1,000 URDD

Rates involving non-oral abuse among poison center calls are similar to hydrocodone and oxycodone

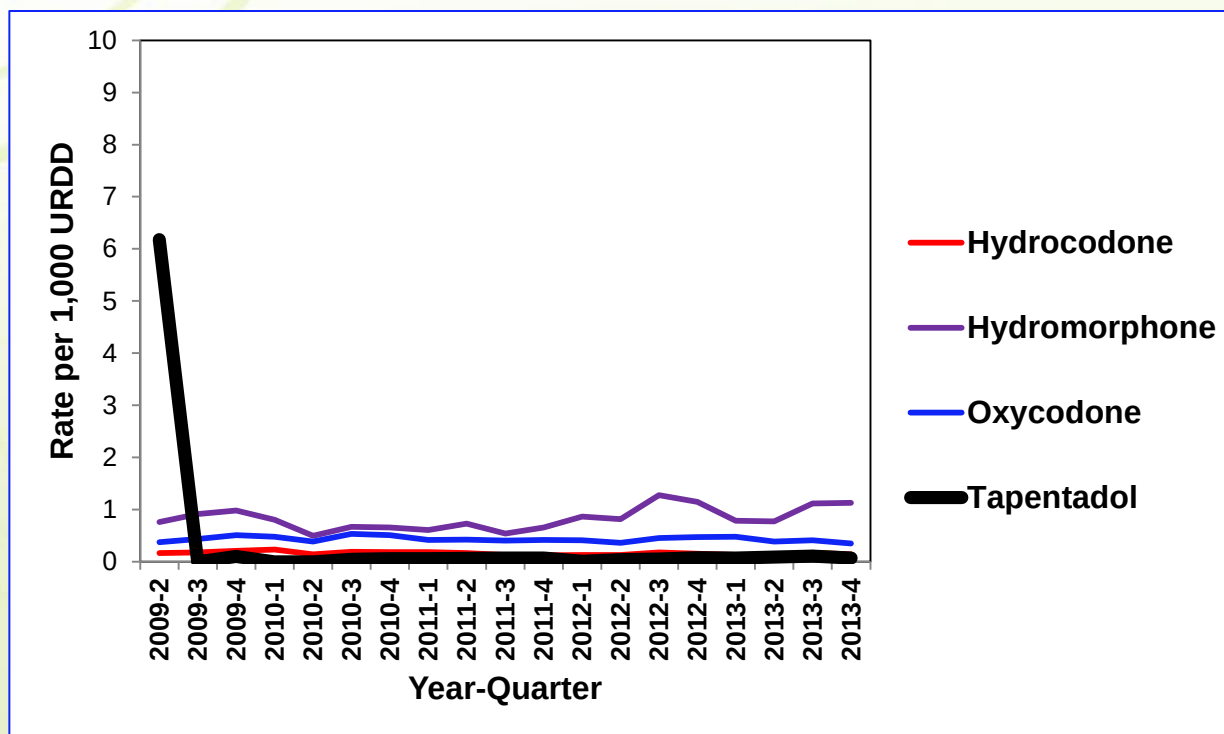
Tapentadol and Selected Comparator Drugs
October 2009 to December 2013



Diversion Reports per 1,000 URDD

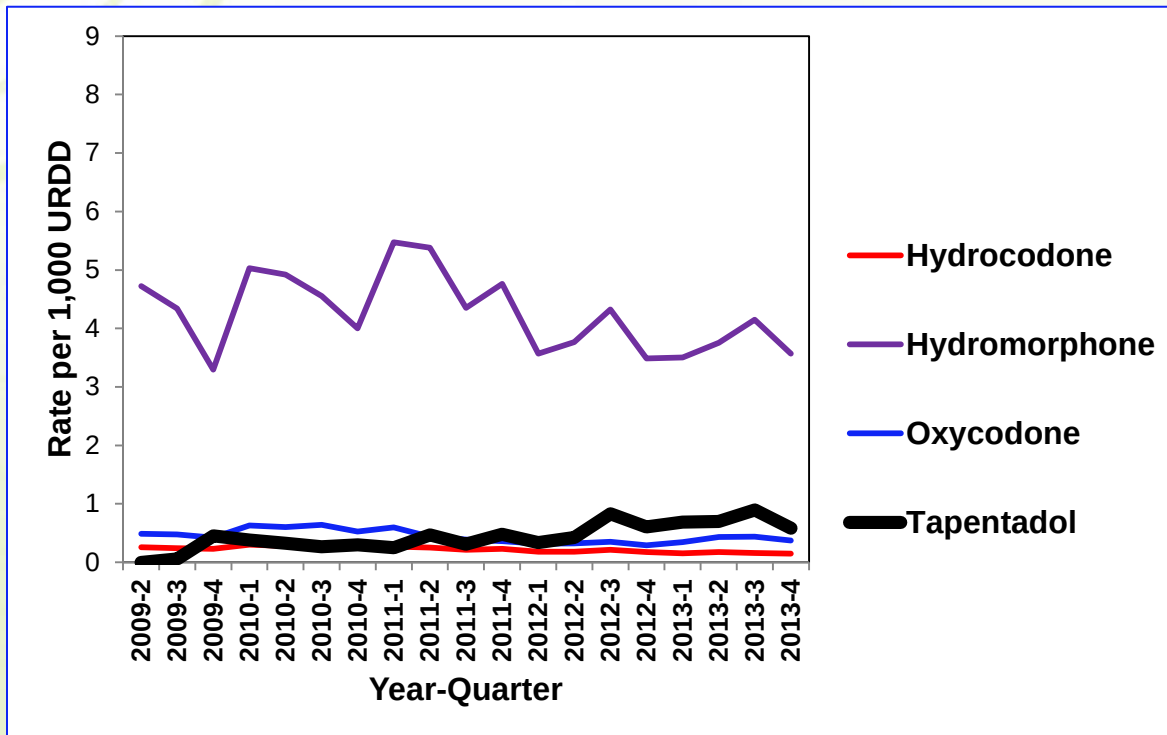
Diversion rates based on availability for tapentadol using URDD are slightly lower or similar to hydrocodone and oxycodone

Tapentadol and Selected Comparator Drugs
April 2009 to December 2013



Treatment Center Programs Combined Past 30 Day Mentions per 1,000 URDD

Tapentadol and Comparator Drugs
April 2009 to December 2013



Mosaic Surveillance for Tapentadol United States

- Overall, rates of abuse and diversion are low for tapentadol.
- Abuse and diversion rates based on availability for tapentadol using URDD are slightly lower or similar to hydrocodone and oxycodone
- Rates involving non-oral abuse among poison center calls are similar to hydrocodone and oxycodone
- Continued monitoring is warranted to evaluate changes in tapentadol data with increasing penetration in the United States.