

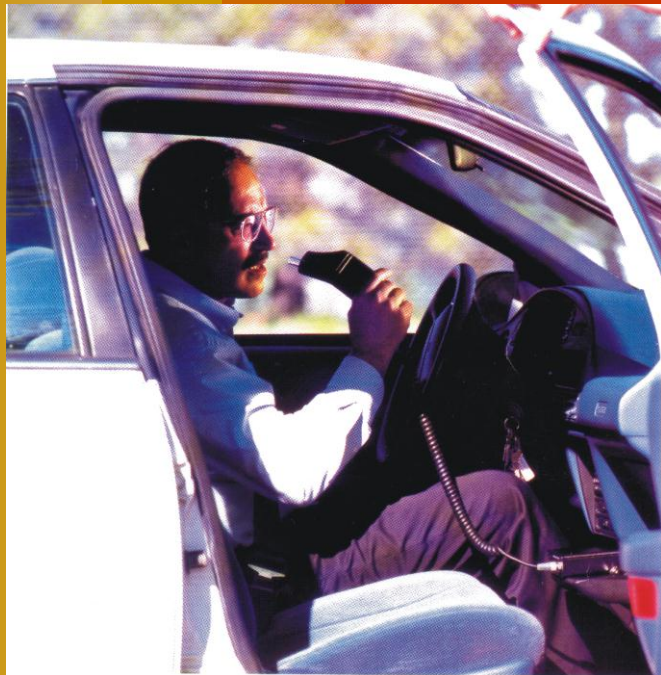


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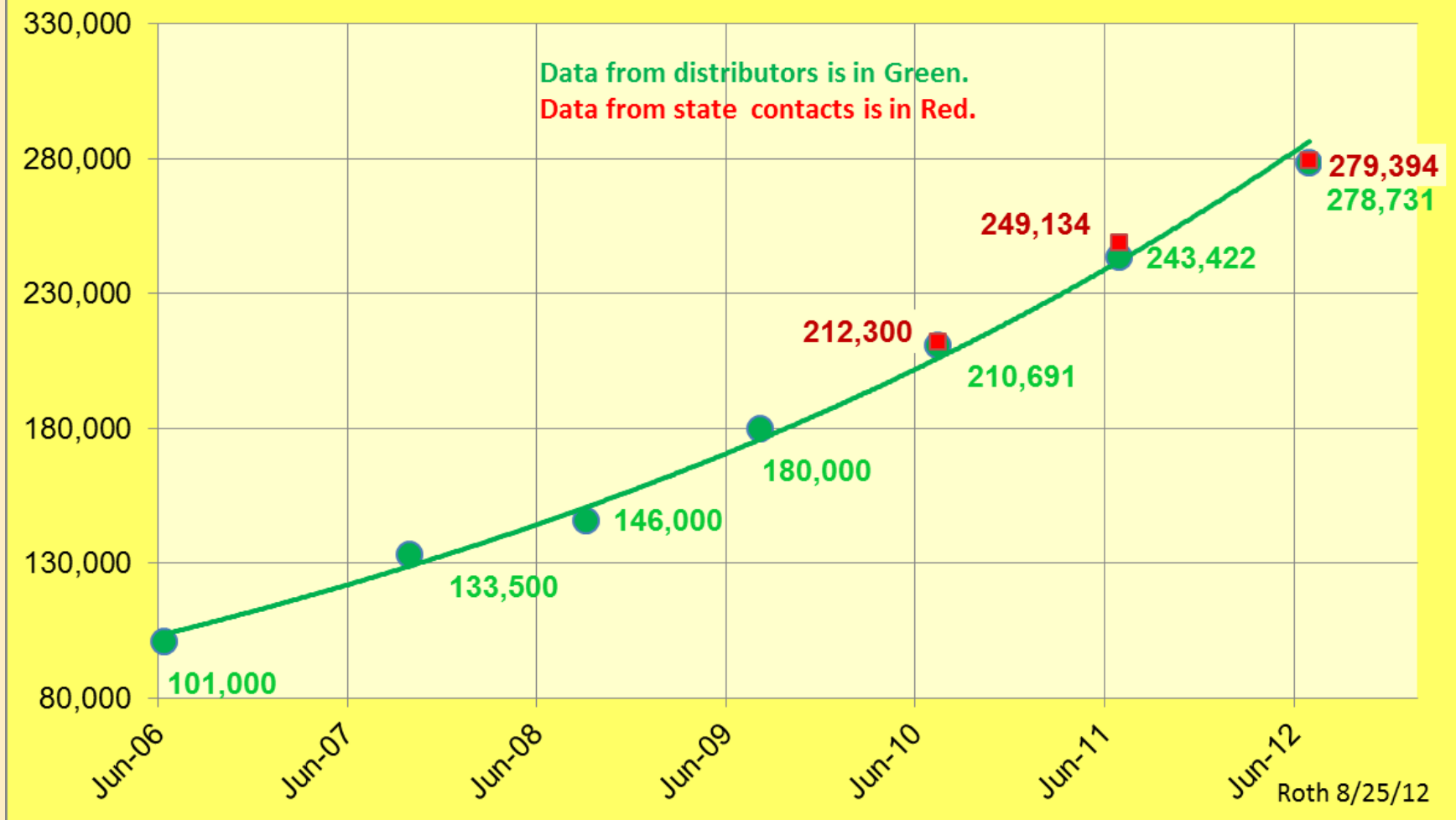


# IS THE DUI OFFENDER'S BAC AT THE TIME OF ARREST RELATED TO THE EFFECTIVENESS OF INTERLOCKS?

Richard Roth and Robert Voas



## Currently-Installed Interlocks in US



<http://www.rothinterlock.org/2012surveyofcurrentlyinstalledinterlocksinthelus.pdf>



# Significance of BAC to Interlock Policy

- In the U.S. the initial application of vehicle alcohol interlocks in the 1990s was limited to multiple offenders based on the theory that they could not control their drinking.
- More recently when interlocks were extended to first offenders their application has been limited to those with high BACs greater than .15 or 20.

# Myths about First Offenders


1. First offenders drove drunk once.
2. Are not alcohol abusers or alcoholics.
3. Are a negligible part of the DWI problem.
4. Are less likely to be re-arrested.
5. Are not responsible for most DWI fatalities.
6. ✓ Interlocks are not cost-effective for them.
7. ✓ Interlocks are a not a fair sanction for them.
8. ✓ Interlocks are not effective for them.
9. ✓ Interlocks are too lenient. Revoke them.
10. Sanctions are more important than prevention.

# First Offenders are not that Different from Multiple Offenders

- Rauch, W.J., Zador, D., Ahlin, E.M., Baum, H., Duncan, D., Beck, K., . . . Gretsinger, N. (2002). Alcohol-impaired driving recidivism among first offenders more closely resembles that of multiple offenders.

# Arrest BAC is not a Strong Predictor of Recidivism

- Wieczorek, W.F., Miller, B.A., & Nochajski, T.H. (1992). The limited utility of BAC for identifying alcohol-related problems among DWI offenders. *Journal of Studies on Alcohol*, 53(5), 415-419.

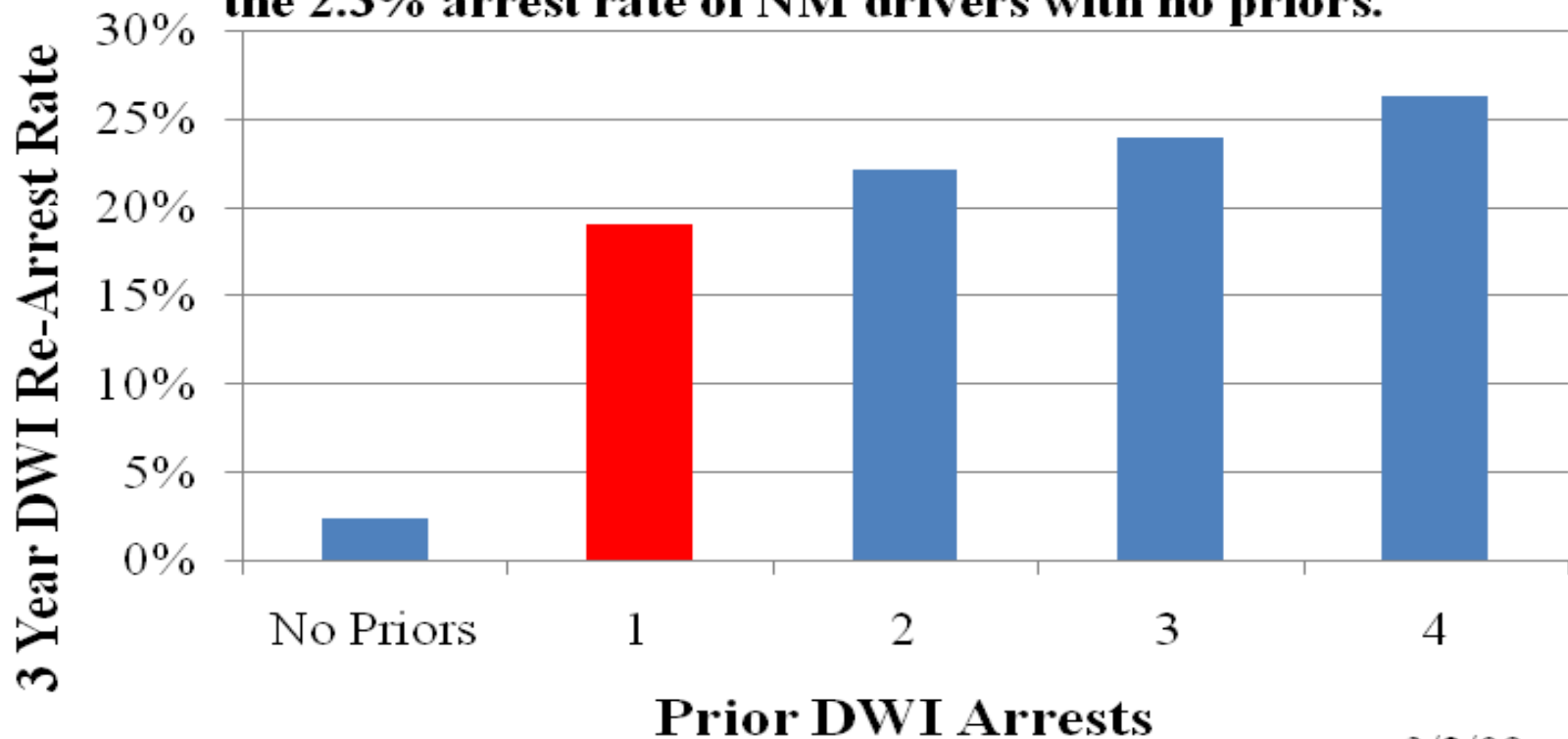


# Alcohol Use Disorder not a Strong Predictor of BAC in Drivers

- Furr-Holden, C. Debra, Voas, Robert B., Lacey, John, Romano, Eduardo, & Jones, Kristina (2011). The prevalence of alcohol use disorders among night-time weekend drivers. *Addiction*, 106(7), 1251-1260.

## 3 Year DWI Re-Arrest Rate in NM

The 19% re-arrest rate of first offenders is closer to the 22% rate of second offenders than to the 2.3% arrest rate of NM drivers with no priors.

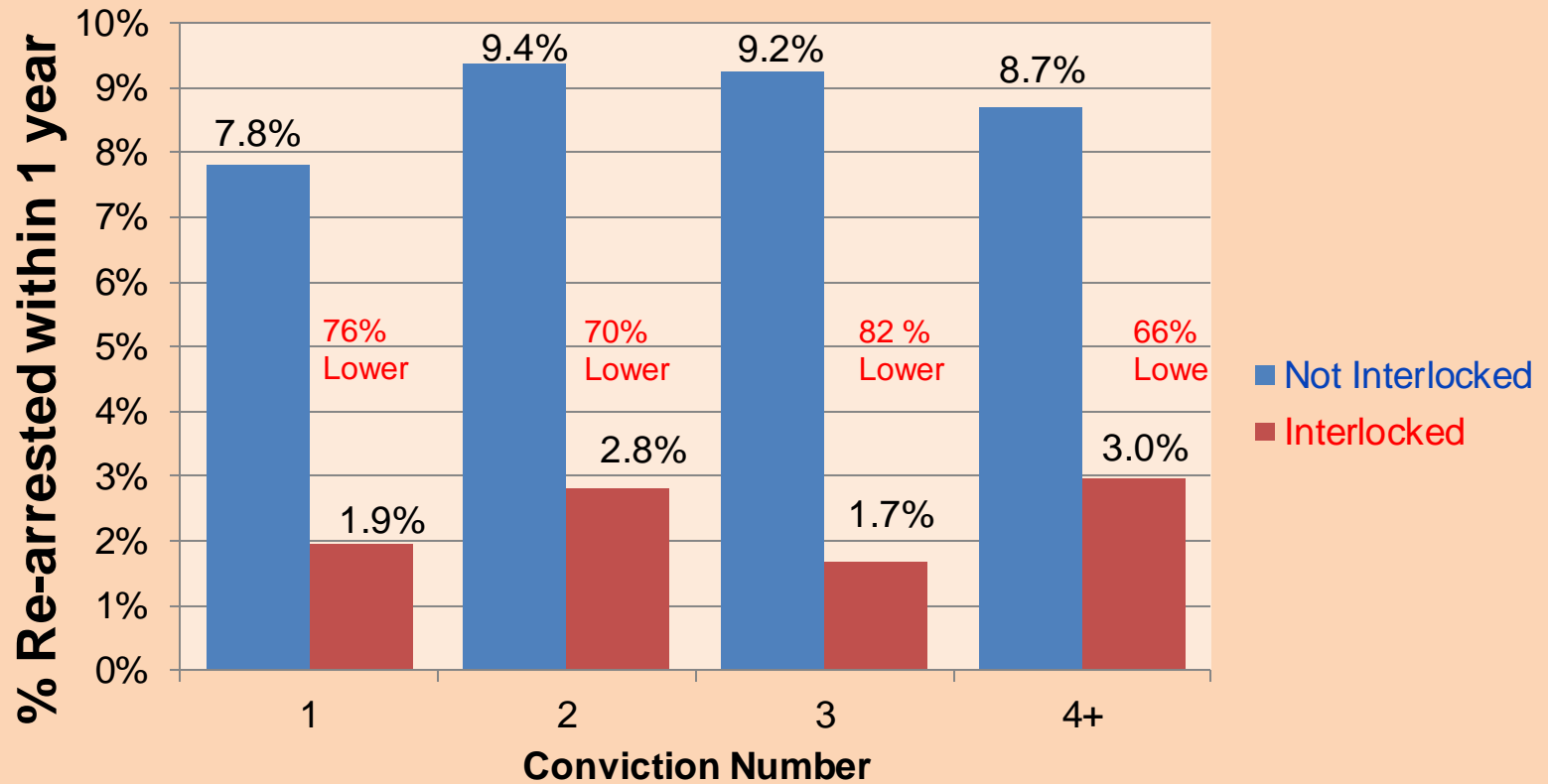


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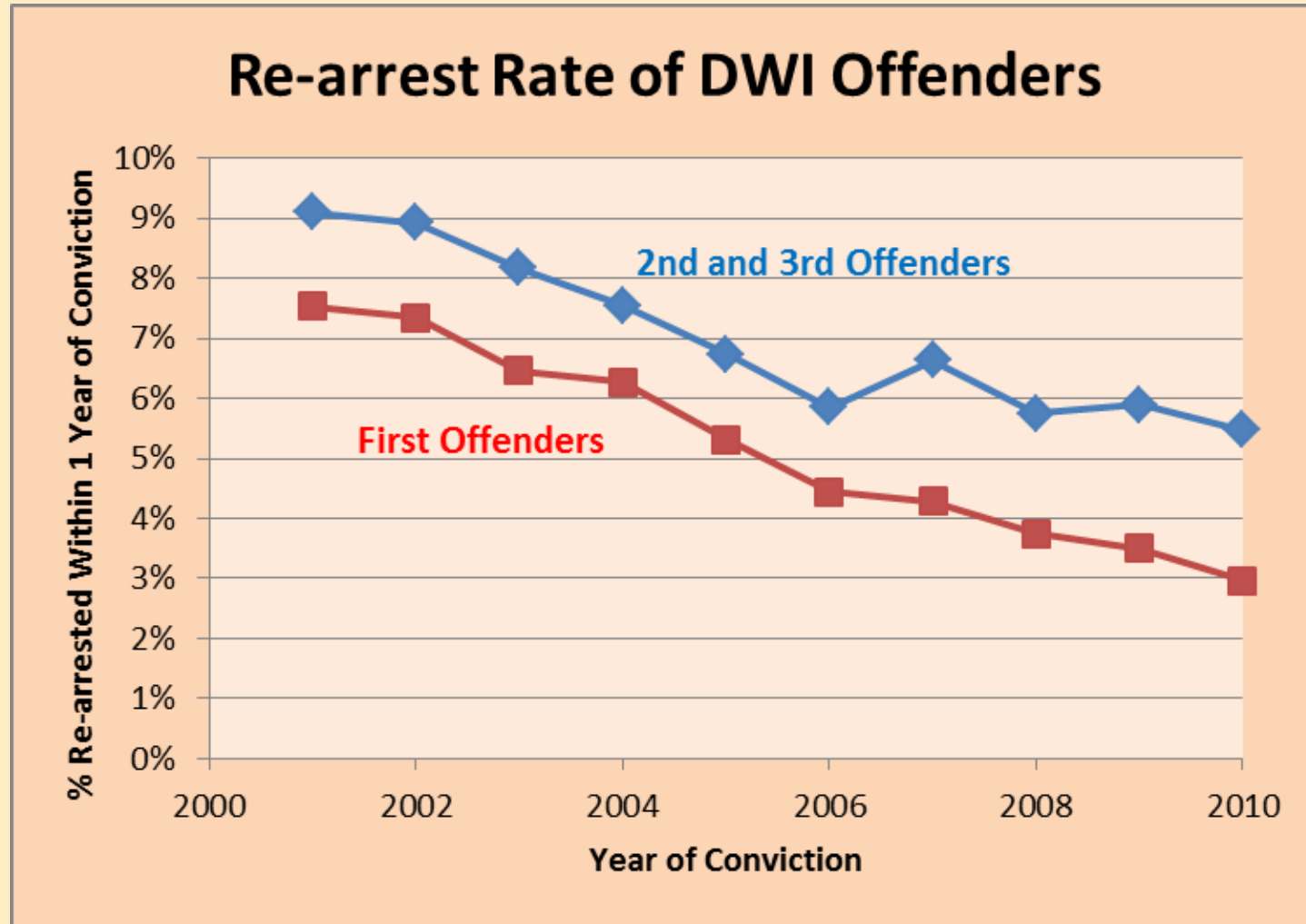


# Recidivism of NM Drivers After a DWI CONVICTION

Between January 2003 and August 2007  
Plot by Dick Roth 11/20/08

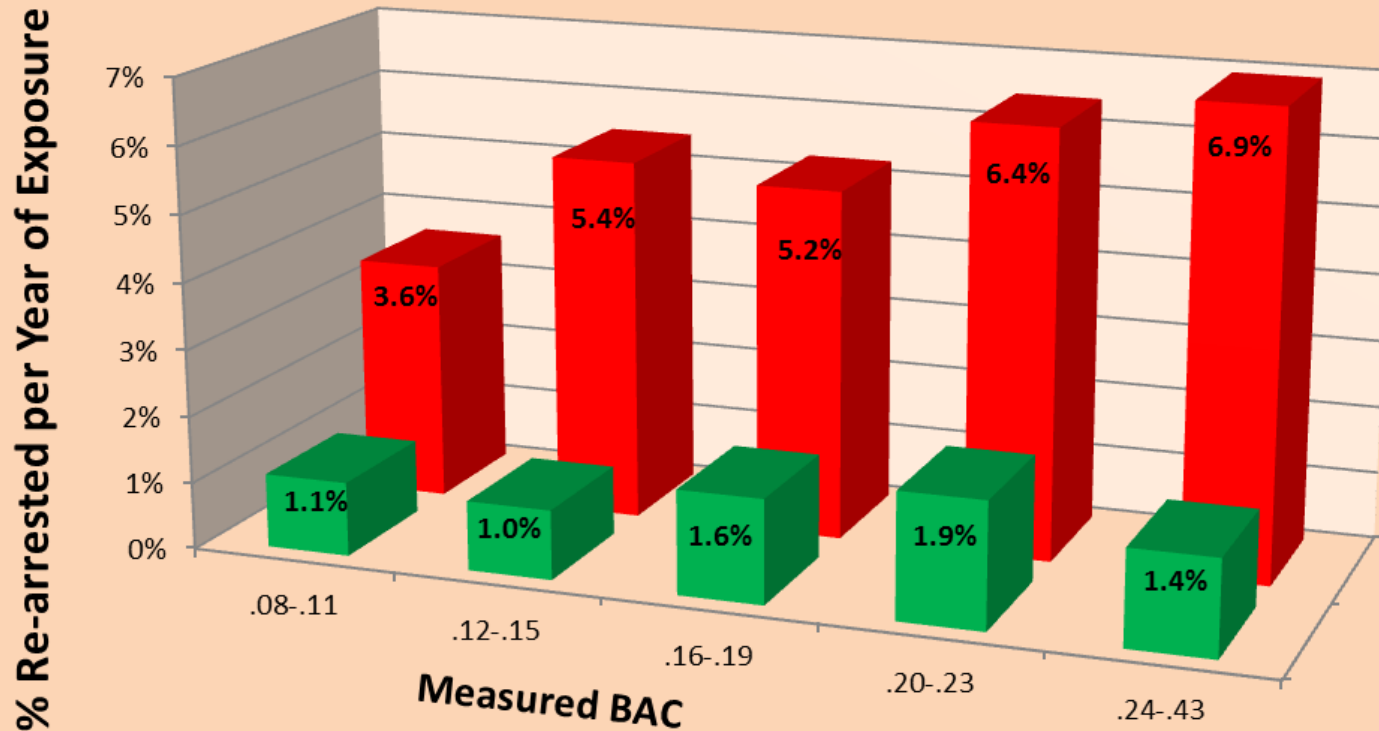


In 2003 the First All-offender Interlock Law went into Effect in New Mexico. Since then Overall Re-arrest Rates have Dropped Dramatically.



## Recidivism of Convicted First Offenders by BAC For Interlocked and Revoked Persons

■ Interlocked ■ revoked

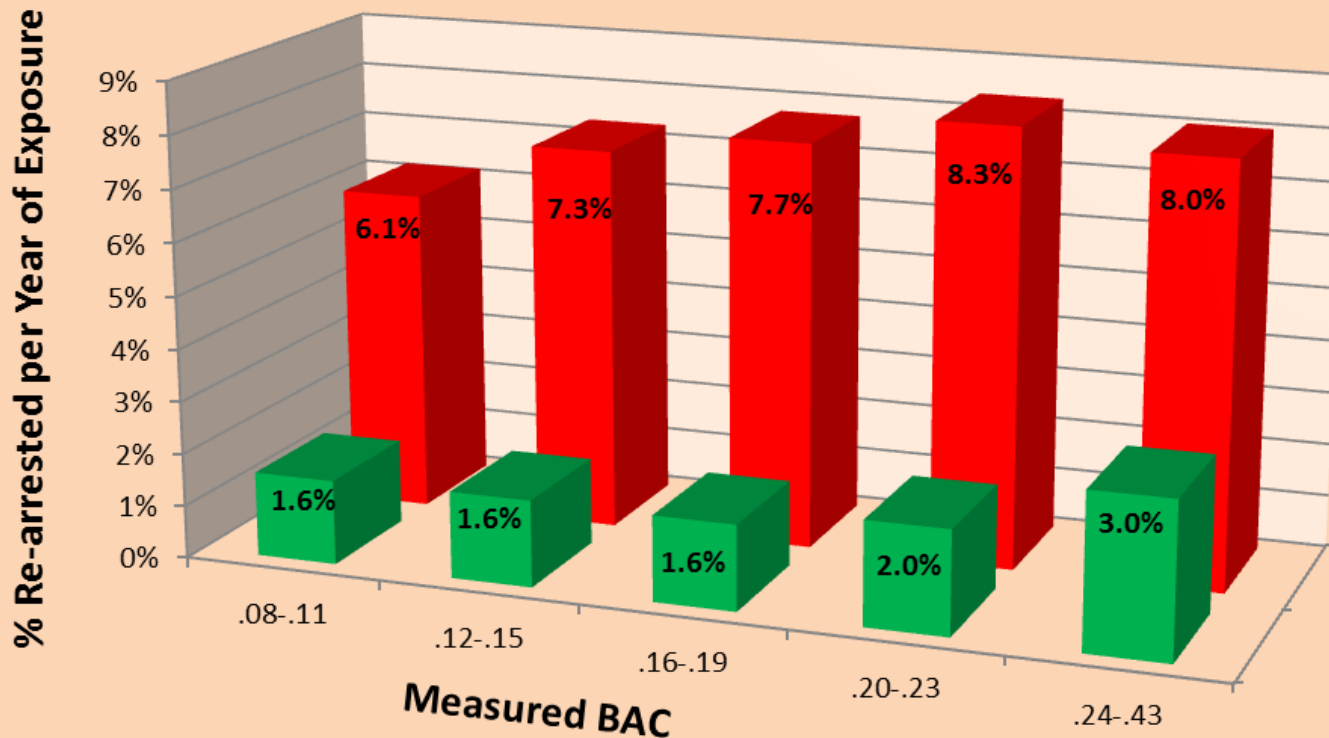


For 35,278 First Offenders Convicted in NM 2006-2011

Roth 12/22/12

## Recidivism of Convicted 2nd & 3rd Offenders by BAC For Interlocked and Revoked Persons

■ Interlocked ■ revoked

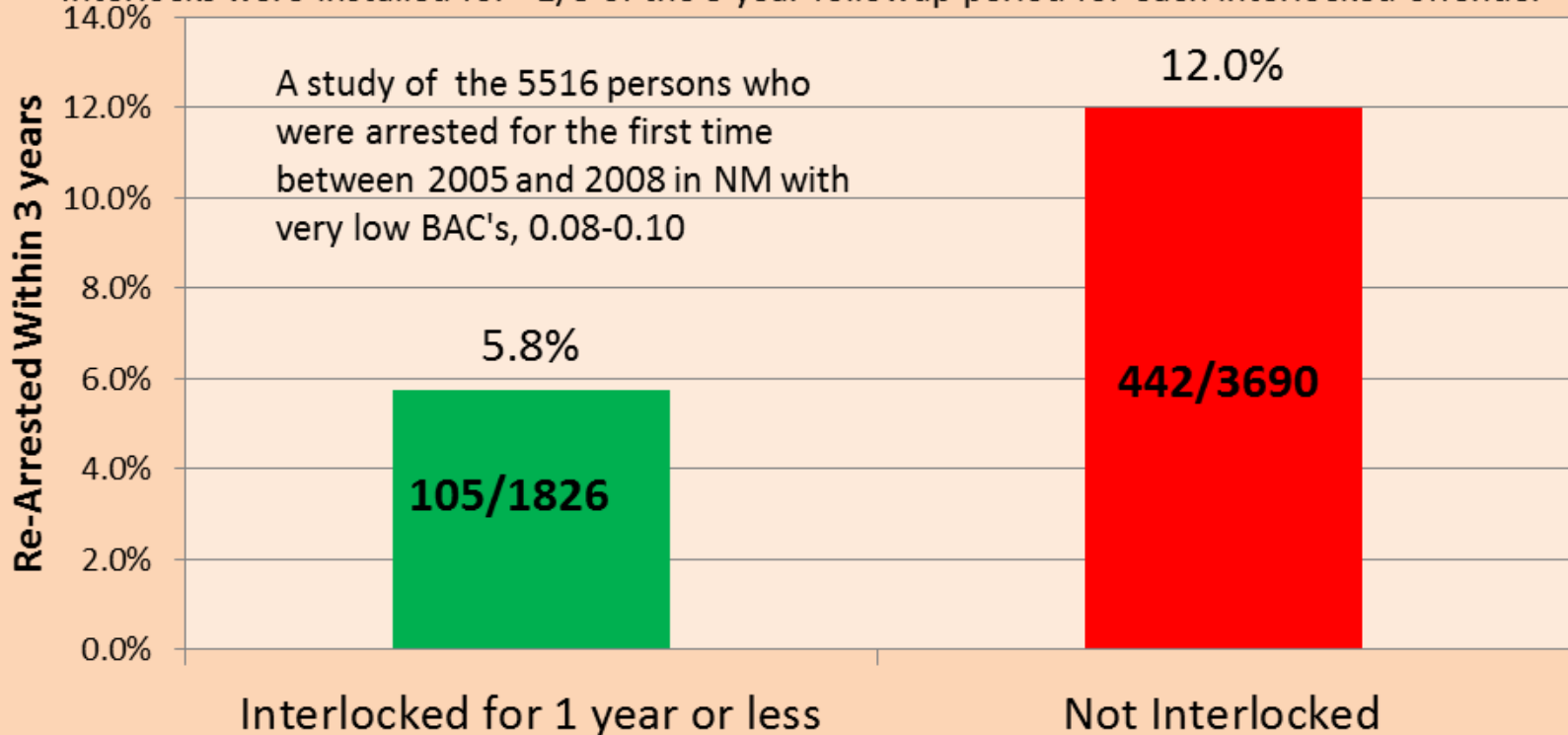


For 14,278 2nd & 3rd Offenders Convicted in NM 2006-2011

Roth 12/22/12

## 3 Year Recidivism of Very Low BAC (0.08-0.10) First Offenders With and Without Interlock

Interlocks were installed for ~1/3 of the 3 year followup period for each interlocked offender



Roth 12/20/12

# For Additional Information

Richard Roth, PhD 505-471-4764

[RichardRoth2300@msn.com](mailto:RichardRoth2300@msn.com)

[www.RothInterlock.org](http://www.RothInterlock.org)

Robert Voas, PhD 301-755-2720

[Voas@pire.org](mailto:Voas@pire.org)

