



ND Workforce Safety & Insurance Opioid Analysis

Opioid Usage CY 2007 - 2011

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Significant assistance has been provided by:

- **Harvey Hanel, PharmD, R.Ph.**
WSI's Pharmacy Director
- **US Script**
WSI's Pharmacy Benefit Mgr since 2004

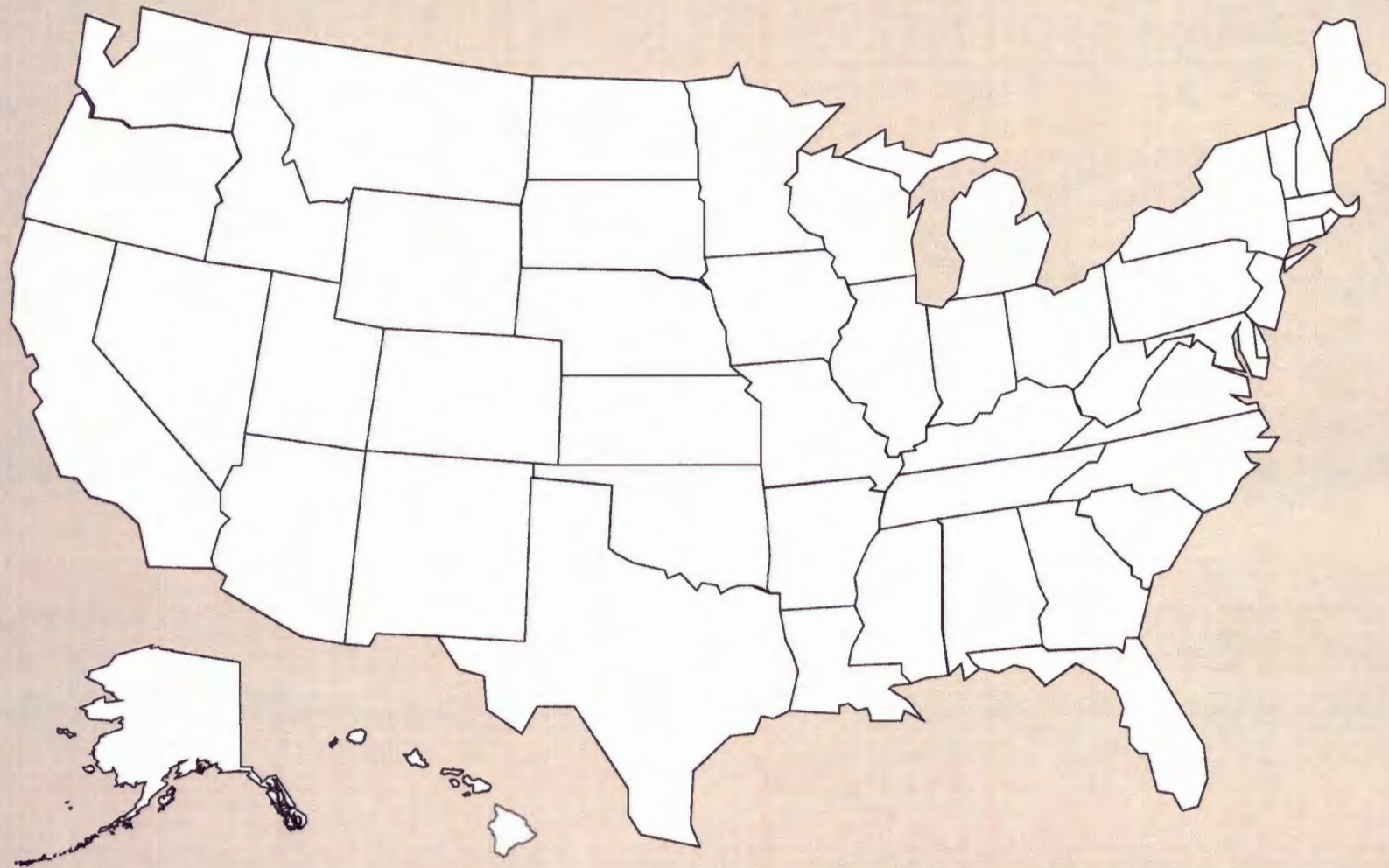




NCCI presented an Opioid cost analysis in 2009

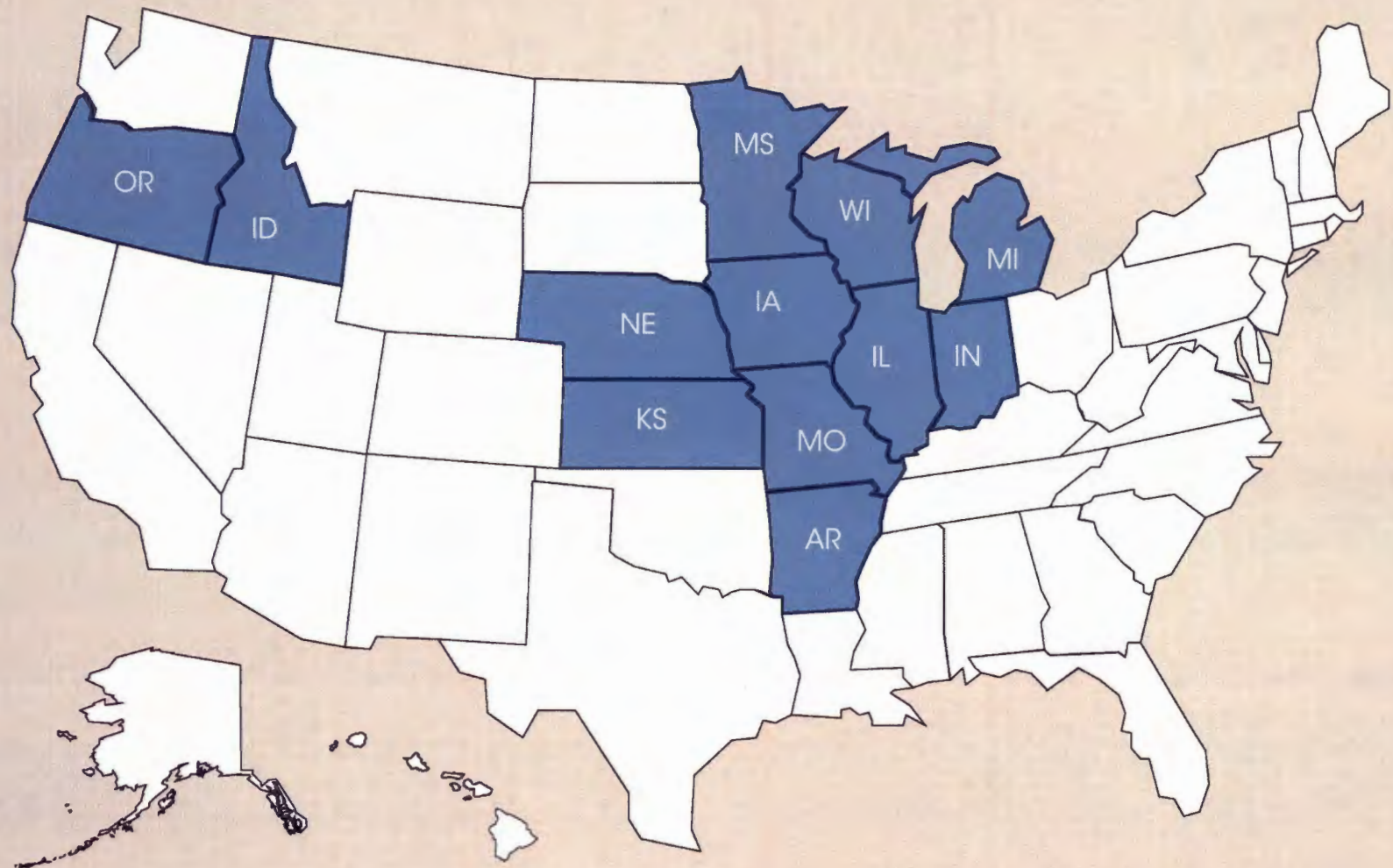
- Average claim costs of workers receiving seven or more scripts for opioids were 3x higher than those receiving zero or one. These workers were 2.7x more likely to have a time-loss, and had 4.7x more lost days
 - Since 2005 Schedule II narcotics costs have increased 521% and the number of scripts have increased 414% in CA
- Opioid cost average about 23% total drug spend
- In ND 35.5%
- ND usage rates are similar to CA

WC Narcotics Costs per Medical Claim



Injury Years 1999 Thru 2003
Relative Service Years 1 Thru 5

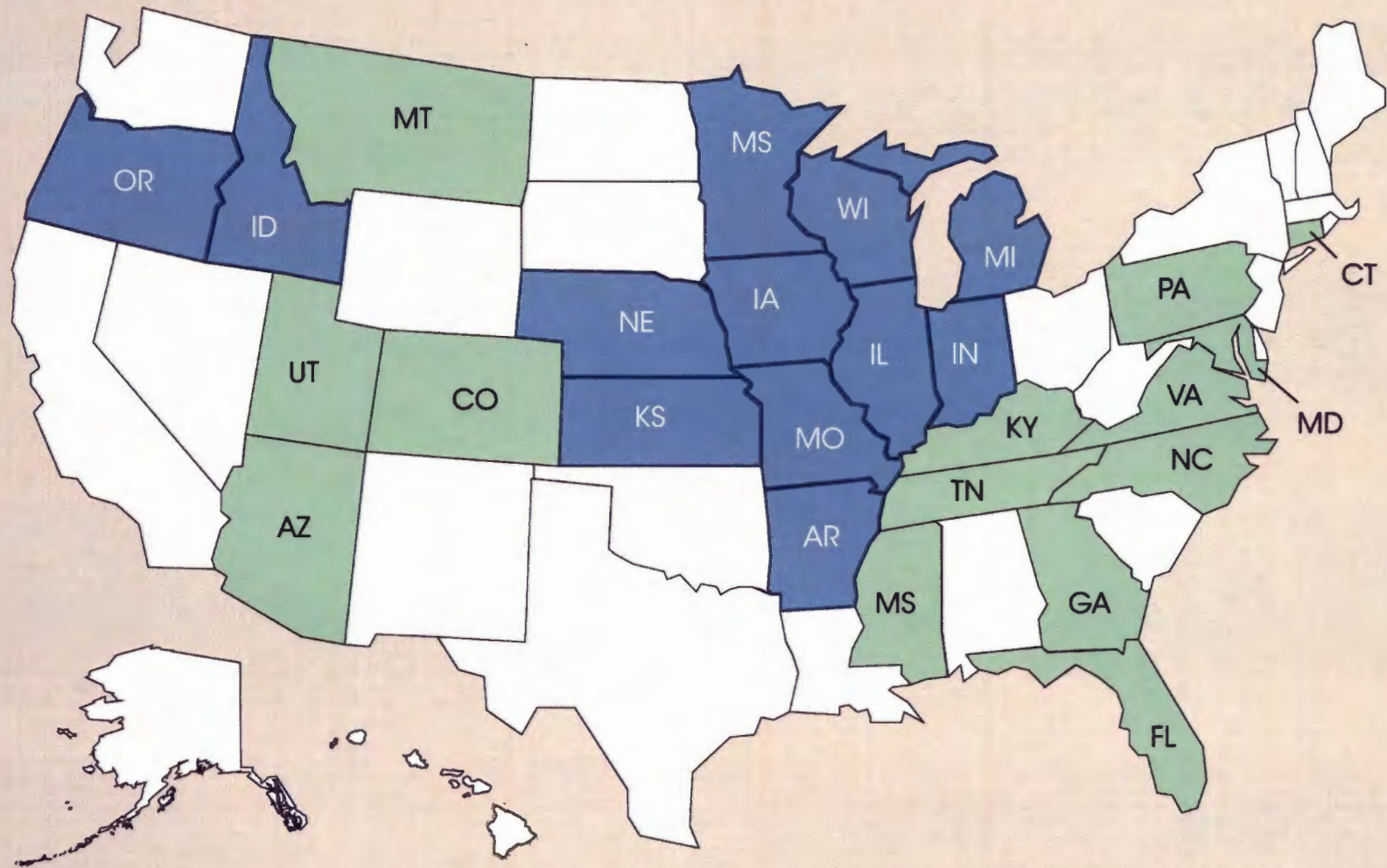
WC Narcotics Costs per Medical Claim



 Below Average
($\leq$ \$15 per claim)

Injury Years 1999 Thru 2003
Relative Service Years 1 Thru 5

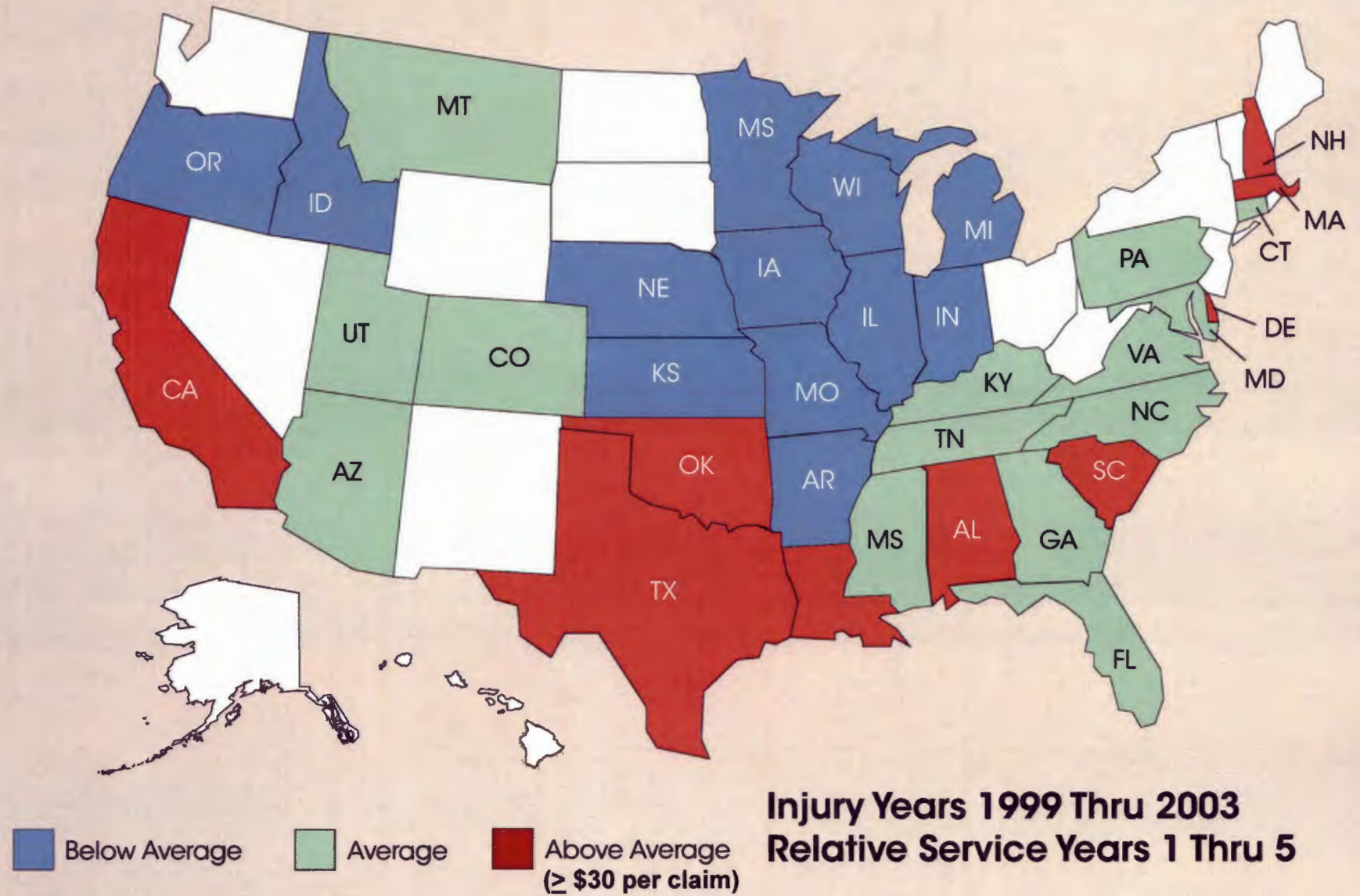
WC Narcotics Costs per Medical Claim



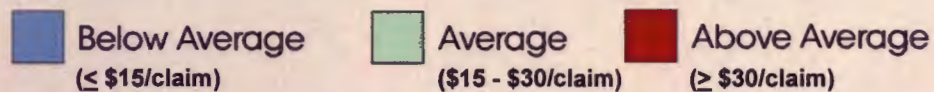
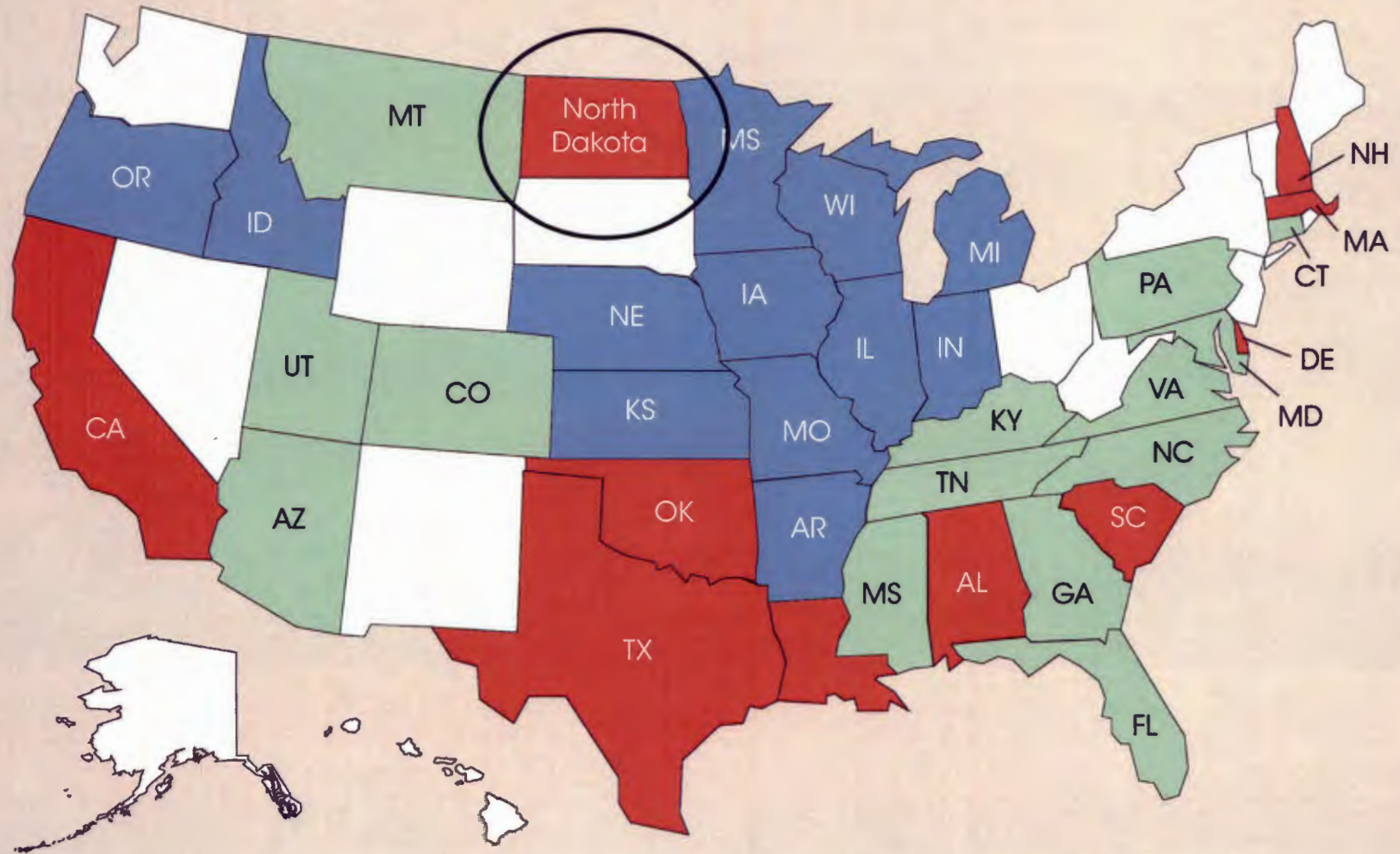
Below Average Average (\$15 - \$30 per claim)

Injury Years 1999 Thru 2003
Relative Service Years 1 Thru 5

WC Narcotics Costs per Medical Claim

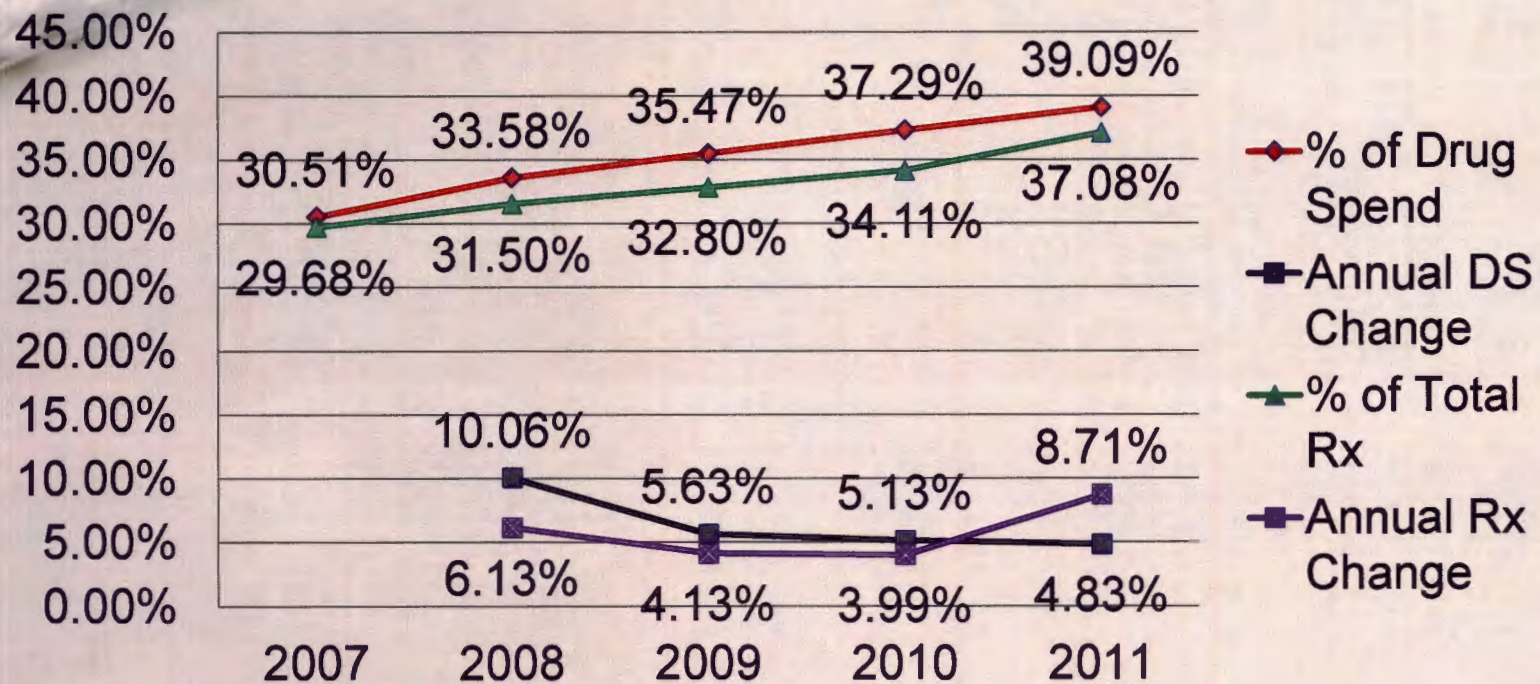


WC Narcotics Costs per Medical Claim



Injury Years 1999 Thru 2003
Relative Service Years 1 Thru 5

Five Year Analysis of Opioid Usage



Questions?

North Dakota
Workforce Safety
& Insurance
WSI *Putting Safety to Work*

