# **34-Hour Restart Impacts**



TECHNICAL MEMORANDUM:
QUANTIFYING IMPACTS FROM THE
34-HOUR RESTART PROVISIONS

April 2015

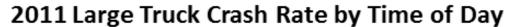
Daniel C. Murray
Vice President, Research
American Transportation Research Institute
Minneapolis, MN

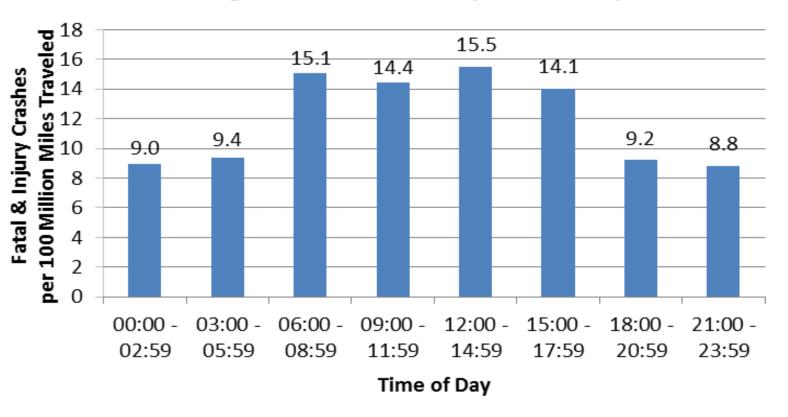
Jeffrey Short Senior Research Associate American Transportation Research Institute Atlanta, GA



- Analyzed full year pre-/post-July 1, 2013 truck GPS and crash data
- Impacts on operations and safety
- RAC priority 2014

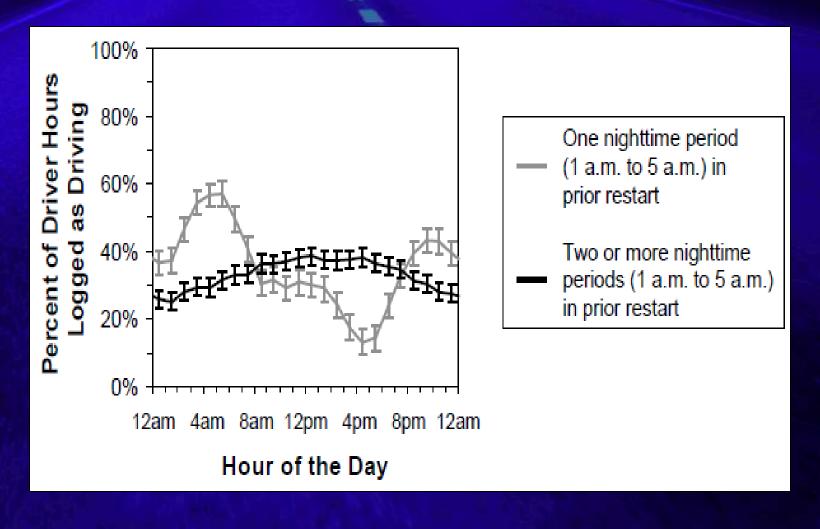
#### **Crash Risk for Drivers by Time of Day**





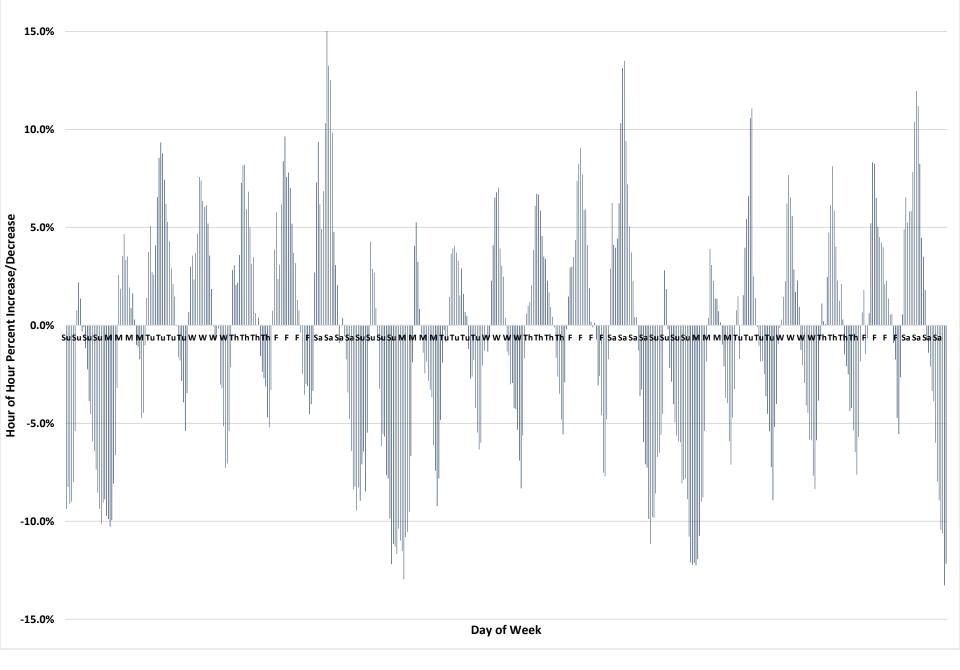


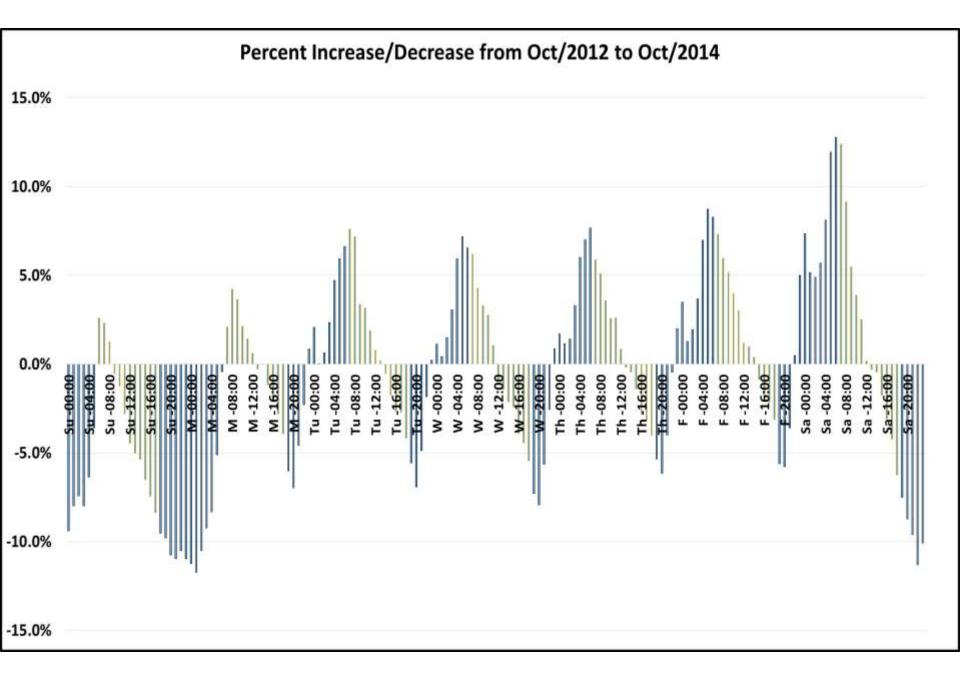
### **Moving Drivers to Daytime**





#### Change from October 7 through October 27, 2012 to corresponding Weekdays in 2014





## Safety Impacts Post-July 1, 2013

- Overall injury and towaway crashes up for all days and weekdays
- Mondays all crashes up; injury and towaway highest increases
- Tuesdays all crashes up; towaways highest increase
- Saturdays all crashes up; towaways highest increase
- Sundays morning injury crashes up 28%; towaways 13.3%

